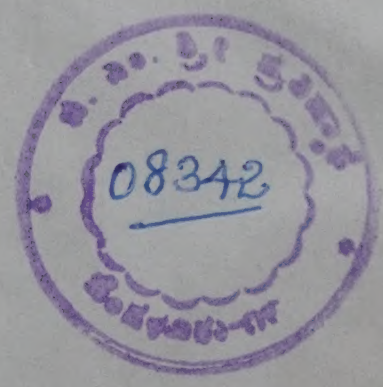
AN INDIAN EPHEMERIS

A.D. 700 TO A.D. 1799

VOL. 3



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N.E.
V.3

L.D. SWAMIKANNU PILLAI

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AN INDIAN EPHEMERIS

A.D. 700 TO A.D. 1799

SHOWING

THE DAILY SOLAR AND LUNAR RECKONING ACCORDING TO THE PRINCIPAL SYSTEMS CURRENT IN INDIA WITH THEIR ENGLISH EQUIVALENTS

ALSO

THE ENDING MOMENTS OF TITHIS AND NAKSHATRAS

AND

THE YEARS IN DIFFERENT ERAS, A.D., HIJRA, ŚAKA, VIKRAMA, KALIYUGA, KOLLAM, ETC., WITH A PERPETUAL PLANETARY ALMANAC AND OTHER AUXILIARY TABLES

BY

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VOL. III—A.D. 1000 TO A.D. 1199.

AGAM PRAKASHAN

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PREFACE.

A GENERAL preface to the entire work is prefixed to the first volume. A few observations extracted from Chapter I of that volume are reproduced below as they may conduce to a better understanding of the scope and contents of the body of the work.

2. *Method of verification and abbreviations.*—The chief abbreviations used in the Ephemeris are (1) the indication of ending moments of tithis and nakshatras as decimals of a day, instead of by *ghaṭikas* and *palas*, or hours and minutes; (2) the substitution of numbers for the names of nakshatras. A key to the latter set of abbreviations will be found at the bottom of each page, while a key to the former has been inserted in each copy of the work as a detachable book-marker as well as on the inner side of the covers. For the rest, all the Indian and Muhammadan details corresponding to an English date are given *in its immediate neighbourhood*. Thus in the twenty days commencing with Tuesday, 12th December, A.D. 836 and ending with Sunday, 31st December, there are several changes of Hindu and Muhammadan months, there is one day without its own tithi, one day without its own nakshatra, and one day with two tithis. All these changes and facts are visible at a glance without having to be gleaned with much trouble, from the top, bottom and sides of the page, as in an ordinary Indian panchānga. Again, on Tuesday, 2nd December A.D. 836, it is clearly indicated that it was the 20th day of *Dhanus* or *Mārgaḷi* month of Anala year, and *Bahuḷa Panchadaśi* or *Amāvāsyā* of Lunar *Mārgaśīrsha*, ending at ·12 (= 7 ghaṭikas, or 3 hours) after mean sunrise, a day of nakshatra "Pūrva Āshāḍha" (No. 20) ending at ·58 of day (= 35 ghaṭikas, or 14 hours) after mean sunrise, and lastly the 28th day of *Zī-l-hijja* month of Hijra 221. It is equally clear that Friday, 22nd December, was the first day of *Makara* or *Tai* month of the same year *Anala*. The change from the last day of Hijra 221 to the first day of Hijra 222 on Thursday, 14th December A.D. 836, is marked with equal clearness.

3. *Cyclic and other years.*—The headings at the top of each page comprise (1) the symbols for solar and lunar eclipse and the abbreviations for *Amāvāsyā* and *Paurṇami*, (2) the serial numbers of years in the different eras, (3) the names of samvatsaras or cyclic years in Northern and Southern India, and (4) the commencement of the Indian year according to the *Sūrya* and *Ārya siddhāntas*, according to the *Kollam* year, and according to *Hijra*. The *Kollam* year is a current one, like the A.D. year, while all the other Hindu years, Śaka, Vikrama and Kaliyuga, are expired years. It should be noted that the Kaliyuga years quoted in the ordinary South Indian panchāngas are current, and will be found to exceed in each case the Kaliyuga year marked in this book by one. The names of solar samvatsaras, *Prabhava*, *Vibhava*, etc., are quoted not only at the top of each page, but above the name of each Tamil month. Thus it has been possible to give in this book, for each English date, the Tamil (or Malayālam), Telugu (or Kanarese) and Muhammadan equivalents with as much fullness as in the ordinary pocket diaries. For example, against Tuesday, 21st March A.D. 836, one may

read off in this book, as in a pocket diary, "*Anala* samvat, *Chittirai* 1" or "*Meṭam* 1," "*Anala* samvat *Adhika Chaitra* bahuḷa panchadaśi," "nakshatra Rēvati" and "Hijra 221 Rabī-ul awwal 28."

4. *Solar and lunar reckonings.*—The various calendar systems followed in this country fall into two main groups, namely, the solar reckoning, comprising the English, Tamil, Malayālam, Oriya and Bengali reckonings; and the lunar reckoning, used all over India, and including the Muhammadan and Jewish reckonings. The Indian calendar is sometimes styled luni-solar, because its lunar months and years cannot recede by more than 29½ days from the corresponding solar months and years, whereas the Muhammadan or Hijra year recedes by 10 or 11 days every year and will therefore be found to commence in all months of the Indian and English years.

5. *Column headed "Month and Day."*—Solar months in India are generally named in Sanskrit after the rāśis or signs of the zodiac, "Mēsha," "Ṛishabha," etc., but in Tamil they are also known by another set of names, more or less modified from names of nakshatras or lunar months, namely, "Chittirai," "Vaikāśi," etc. Both sets of names, "Mēsha-Chittirai," "Ṛishabha-Vaikāśi," "Mithuna-Āṇi," etc., are quoted in this column. The days of the solar month are reckoned according to an ancient Tamil practice, from the sankrānti of the *Ārya* siddhānta. The rules for determining the commencement of the solar month, according to the Tamil, Malayālam, Oriya and Bengali systems, with examples, are given in paragraph 12, Chapter I of Volume I. A difference of a whole day or of two days would ordinarily be found between days of the Tamil solar months and the corresponding Bengal days. It should also be noted that the days of the same Tamil month are not the same in number every year. Thus Chittirai has ordinarily 31 days, but may occasionally have 30.

6. *Nakshatras and tithis.*—Every Hindu feast, fast and festival (except sankrāntis) is connected with either a tithi or a nakshatra or both. A mean tithi extends over ·98 of a day, while a mean nakshatra extends over 1·01 days; but the solar and lunar anomalies may make a tithi longer or shorter by ·58 of a day as a maximum, while the lunar anomaly may similarly affect a nakshatra to the extent of ·38 of a day. Hence the irregular lengths, in time, of tithis and nakshatras, which make the Indian system so complicated in appearance, but which constitute a most valuable check in chronological studies. Hence also the curious fact that what ought to be a normal state of things, namely, each day having a single tithi and a single nakshatra, is seldom noticed on the successive days of a *whole* month. Such a phenomenon occurred throughout the month of Vaiśākha, Wednesday 26th March, to Friday 25th April, A.D. 822, and again, throughout the month of Phālguna, Saturday 26th February, to Monday 28th March A.D. 830. It follows from what has been stated that in the course of a lunar month two tithis or two nakshatras may ordinarily be found either to occur on the same day or to cover parts of three days, the middle day in the latter case being without a tithi, or without a nakshatra of its own. Cases of the same day having two tithis *as well as* two nakshatras, as on *Kārttika, bahuḷa* 11 and 12 (Wednesday, 30th October A.D. 709), and other cases (e.g., Saturday, 27th June A.D. 705) in which a day had neither a tithi nor a nakshatra of its own can be easily traced with the aid of this book.

7. *Adhika and kshaya months.*—Occasionally, that is, seven times in 19 years, a lunar month is repeated twice in the course of the same year. For instance, in the year A.D. 836 there are two Chaitras, one reckoned from Monday 21st February, to Tuesday 21st March, and the other from Wednesday 22nd March, to Wednesday 19th April. The first month in such cases has the prefix *adhika* (= additional), and the second the prefix *nija* (= true). Both prefixes are duly and clearly marked in the Ephemeris. More rarely also, a lunar month is suppressed altogether, and in such cases is known as *kshaya* (= suppressed). Thus in A.D. 770, the month *Pausha*, which ought to have occurred in December-January, was suppressed. The omission of a kshaya month is noted by N.B. at the foot of the page where required. The rules for determining the date of occurrence of additional and suppressed months are clearly given in paragraphs 89 to 91, pages 30, 31 of Volume I of this work.

8. *Nakshatras and Ending Moments of Nakshatras.*—A complete list of Indian nakshatras, with the fixed stars, as identified by different authorities is given in Volume I, page 35, paragraph 101. The practice of reckoning by nakshatras is peculiar to India and China, and has existed in each of these countries from very ancient times. In India, in Vedic times, a lunar month had no other name than that of the nakshatra in which the moon of that month became full. To this day, *Chaitra* is the month in which the moon becomes full when occupying "Chitrā" nakshatra, and so on for the other months. The concurrence of certain tithis with certain nakshatras is thus fixed within narrow limits for every month in the year, and the student of inscriptions should be familiar with the table of concurrence (see the *Eye-table*, section **s**).

9. *Note on broken periods.*—It is of some importance that the reader dealing with the Indian or any other calendar should know thoroughly how to reckon broken periods. It is generally a question of addition or subtraction, but unless one goes through the process with some reflection, there is a danger of adding or subtracting 1 too much.

To take the simplest case, how many days are there from Friday in one week to Tuesday in the next? Most people would use their fingers in such a case and answer "4" or "5" according as they began the reckoning with Friday or with Saturday. Such uncertainty is fatal to exact reckoning, and we should therefore follow rules whereby we may avoid all uncertainty.

First of all, we must always note that the question is intelligible only with reference to the *next subdivision of the unit of the broken period*: that is, in this case, from a particular *hour* on Friday to the same *hour* on Tuesday. This makes the meaning quite clear. From 6 a.m. on Friday to 6 a.m. on Tuesday following, there are 4 complete days: and the proper way to answer the question is to convert Friday and Tuesday into week-day figures 6 and 3, and to add a whole period (7) to 3 before deducting 6. Thus, $7 + 3 = 10$; from 10 take 6, and we have the answer, 4 days. Some exercise is necessary in order to do even these simple week-day problems correctly.

The rule about *adding a whole period* when we have to reckon from a fraction of one period to a fraction of the next is equally important. How many days are there from 6 a.m. 23rd October in one year to 6 a.m. 15th March in the next, the second being a leap year? If we refer to the *Eye-table*, section **q**, we shall

find that 23rd October is 206 days from 1st April, and 15th March (where we have had to pass 29th February) is 350 days from 1st April. Deduct 206 from 350 days. Answer, 144 days.

To take another case, suppose we are required to deduct the longitude of Jupiter from the longitude of the Sun, it being given that the former is 300 degrees and the latter 29 degrees. To answer this question we must first add 360 degrees (the whole period in this case) to 29, and then from the total 389 subtract 300; answer, 89 degrees.

When the 1st of a Tamil month is the 15th July, what will be the 7th of the Tamil month? In such cases we must *make the same addition to, or the same deduction from, the one side as we make in regard to the other.* In the example before us, the addition to be made is 6, and the answer, 21st July.

When the 1st of a Tamil month is the 15th July, what will be the 29th of the Tamil month? We add 28 to each side. Therefore the answer is 15 + 28 = 43rd July, from which we deduct the whole of the completed period (July =) 31 days. Final answer, 43 *minus* 31 = 12th August.

MADRAS,
January 1922.

L. D. SWAMIKANNU.

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AN INDIAN EPHEMERIS

(A.D. 1000 TO A.D. 1199).

A.D. 1000. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·74.** **Śaka 922.** **Kaliyuga 4101.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·70.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	7 06	14 40	20	10	Fri. 1	8 62	19 46	21	9	Wed. 1	10 94	25 54	23
10	Tues. 2	8 09	15 47	21	11	Sat. 2	9 71	20 56	22	10	Thur. 2	11 93	26 55	24
11	Wed. 3	9 15	16 55	22	12	Sun. 3	10 78	21 66	23	11	Fri. 3	12 89	27 55	25
12	Thur. 4	10 23	17 64	23	13	Mon. 4	11 83	22 76	24	12	Sat. 4	13 82	1 52	26
13	Fri. 5	11 31	18 76	24	14	Tues. 5	12 88	23 82	25	13	Sun. 5	14 75	2 48	27
14	Sat. 6	12 39	19 86	25	15	Wed. 6	13 90	24 87	26	14	Mon. 6	—A 66	3 44	28
15	Sun. 7	13 48	20 97	26	16	Thur. 7	14 90	25 89	27	15	Tues. 7	1 56	4 38	29
16	Mon. 8	14 57	... ...	27	17	Fri. 8	—A 88	26 90	28	16	Wed. 8	2 46	5 31	—30
17	Tues. 9	—A 63	21 06	28	18	Sat. 9	1 84	27 89	29	17	Thur. 9	3 36	6 24	1
18	Wed. 10	1 68	22 13	29	19	Sun. 10	2 78	1 86	—30	18	Fri. 10	4 26	7 17	2
19	Thur. 11	2 70	23 20	—30	20	Mon. 11	3 72	2 82	1	19	Sat. 11	5 16	8 11	3
20	Fri. 12	3 70	24 24	1	21	Tues. 12	4 63	3 76	2	20	Sun. 12	6 07	9 05	4
21	Sat. 13	4 69	25 25	2	22	Wed. 13	5 53	4 69	3			7 99		
22	Sun. 14	5 65	26 25	3	23	Thur. 14	6 43	5 63	4	21	Mon. 13	8 92	10 00	5
23	Mon. 15	6 60	27 22	4	24	Fri. 15	7 33	6 56	5				11 97	
24	Tues. 16	7 53	1 19	5	25	Sat. 16	8 23	7 49	6	22	Tues. 14	9 87	12 95	6
25	Wed. 17	8 45	2 15	6	26	Sun. 17	9 13	8 43	7	23	Wed. 15	10 85	13 95	7
26	Thur. 18	9 36	3 08	7	27	Mon. 18	10 04	9 37	8	24	Thur. 16	11 83	14 98	8
27	Fri. 19	10 26	4 02	8			11 96			25	Fri. 17	12 84	... ...	9
			5 95		28	Tues. 19	12 90	10 34	9	26	Sat. 18	13 87	15 02	10
28	Sat. 20	11 16	6 88	9	29	Wed. 20	13 86	11 31	10	27	Sun. 19	14 92	16 08	11
29	Sun. 21	12 06	7 82	10	30	Thur. 21	14 83	12 30	11	28	Mon. 20	P 98	17 16	12
		13 97			—31	Fri. 22	P 82	13 31	12	29	Tues. 21	... ...	18 25	13
—30	Mon. 22	14 88	8 76	11	1	Sat. 23	1 83	14 34	13	30	Wed. 22	1 05	19 36	14
1	Tues. 23	P 81	9 71	12	2	Sun. 24	2 88	15 40	14	—31	Thur. 23	2 12	20 47	15
2	Wed. 24	1 75	10 67	13	3	Mon. 25	3 93	16 47	15	1	Fri. 24	3 21	21 57	16
3	Thur. 25	2 70	11 65	14	4	Tues. 26	... ..	17 55	16	2	Sat. 25	4 30	22 67	17
4	Fri. 26	3 68	12 66	15	5	Wed. 27	4 00	18 65	17	3	Sun. 26	5 37	23 74	18
5	Sat. 27	4 66	13 68	16	6	Thur. 28	5 07	19 76	18	4	Mon. 27	6 40	24 81	19
6	Sun. 28	5 68	14 71	17	7	Fri. 29	6 16	20 86	19	5	Tues. 28	7 42	25 85	20
7	Mon. 29	6 73	15 77	18	8	Sat. 30	7 25	21 97	20	6	Wed. 29	8 42	26 87	21
8	Tues. 30	7 78	16 85	19	9	Sun. 31	8 32	... ...	21	7	Thur. 30	9 41	27 87	22
9	Wed. 31	8 85	17 95	20						8	Fri. 31	10 36	1 85	23
	Feb.					**April.**					**June.**			
10	Thur. 1	9 93	... ...	21	10	Mon. 1	9 38	22 06	22	9	Sat. 1	11 31	2 82	24
11	Fri. 2	: :	18 06	22	11	Tues. 2	10 42	23 13	23	10	Sun. 2	12 24	3 78	25
12	Sat. 3	10 02	19 16	23	12	Wed. 3	11 44	24 18	24	11	Mon. 3	13 15	4 72	26
13	Sun. 4	11 10	20 27	24	13	Thur. 4	12 44	25 21	25			14 05		
14	Mon. 5	12 18	21 36	25	14	Fri. 5	13 42	26 23	26	12	Tues. 4	—A 95	5 65	27
15	Tues. 6	13 25	22 45	26	15	Sat. 6	14 38	27 22	27	13	Wed. 5	1 85	6 58	28
16	Wed. 7	14 30	23 51	27	16	Sun. ● 7	—A 32	1 19	28	14	Thur. 6	2 75	7 51	—29
17	Thur. 8	—A 31	24 55	28	17	Mon. 8	1 25	2 15	—29	15	Fri. 7	2 65	8 45	1
18	Fri. 9	1 32	25 57	—29	18	Tues. 9	2 16	3 09	1	16	Sat. 8	4 56	9 39	2
19	Sat. 10	2 30	26 57	1	19	Wed. 10	3 06	4 04	2	17	Sun. 9	5 48	10 34	3
20	Sun. 11	3 26	27 55	2			4 96	5 97		18	Mon. 10	6 40	11 30	4
21	Mon. 12	4 20	1 53	3	20	Thur. 11	5 86	6 90	3	19	Tues. 11	7 35	12 27	5
22	Tues. 13	5 14	2 48	4	21	Fri. 12	6 76	7 83	4	20	Wed. 12	8 32	13 28	6
23	Wed. 14	6 06	3 42	5	22	Sat. 13	7 66	8 77	5	21	Thur. 13	9 30	14 29	7
		7 97			23	Sun. 14	8 57	9 72	6	22	Fri. 14	10 32	15 33	8
24	Thur. 15	8 87	4 36	6	24	Mon. 15	9 48	10 67	7	23	Sat. 15	11 34	16 38	9
25	Fri. 16	9 77	5 28	7	25	Tues. 16	10 43	11 64	8	24	Sun. 16	12 40	17 46	10
26	Sat. 17	10 67	6 22	8	26	Wed. 17	11 38	12 62	9	25	Mon. 17	13 46	18 56	11
27	Sun. 18	11 57	7 16	9	27	Thur. 18	12 35	13 63	10	26	Tues. 18	14 54	19 66	12
28	Mon. 19	12 48	8 09	10	28	Fri. 19	13 34	14 65	11	27	Wed. 19	P 62	20 77	13
29	Tues. 20	13 41	9 04	11	29	Sat. 20	14 31	15 71	12	28	Thur. 20	1 70	21 87	14
1	Wed. 21	14 34	10 00	12	30	Sun. 21	P 39	16 77	13	29	Fri. 21	2 78	22 97	15
			11 99		—31	Mon. 22	1 44	17 85	14	30	Sat. 22	3 83	... ...	16
2	Thur. 22	P 30	12 98	13	1	Tues. 23	2 51	18 95	15	31	Sun. 23	4 88	23 06	17
3	Fri. 23	1 27	13 90	14	2	Wed. 24	3 59	... ...	16	—32	Mon. 24	5 90	24 12	18
4	Sat. 24	2 26	.. ..	15	3	Thur. 25	4 67	19 06	17	1	Tues. 25	6 91	25 17	19
5	Sun. 25	3 29	14 02	16	4	Fri. 26	5 75	20 17	18	2	Wed. 26	7 89	26 19	20
6	Mon. 26	4 32	15 08	17	5	Sat. 27	6 83	21 27	19	3	Thur. 27	8 84	27 20	21
7	Tues. 27	5 37	16 16	18	6	Sun. 28	7 89	22 36	20	4	Fri. 28	9 79	1 19	22
8	Wed. 28	6 45	17 25	19	7	Mon. 29	8 93	23 44	21	5	Sat. 29	10 71	2 16	23
9	Thur. 29	7 53	18 35	20	8	Tues. 30	9 94	24 49	22	6	Sun. 30	11 63	3 11	24

Vikrin. **Makara—Tai.** Śukla. Phalguna. Śārvari. **Mīna—Pāṅguni.** Śukla. Vaiśākha. Śārvari. **Mēsha—Chittirai.** Śukla. Jyēshtha. Śārvari. **Vṛishabha—Vaigāsi.** Śukla. Āshādha. Śārvari. **Mithuna—Āni.** Śukla.

H. 390 Muharram. H. 390 Śafar. H. 390 Rabi-ul akhir. H. 390 Jamāda'l awwal. H. 390 Jamāda'l ākhir. H. 390 Rajab.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anur. 18. Jyēsh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1000. **Kollam 176,** { **N. Malabar—Aug.** **Hijra 391.** **Vikrama 1057.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Dec. 1.** **Bengal San. 406.**
P—Paurnimā. **(N. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	12 ·54	4 ·05 / 5 ·99	25	7	Sun.	1	1 ·88	12 ·27	28	7	Fri.	1	2 14	18 ·07	—30
8	Tues.	2	13 ·44	6 ·92	26	8	Mon.	2	2 ·85	13 ·28	29	8	Sat.	2	3 ·21	19 ·17	1
9	Wed.	3	14 ·34	7 ·86	27	9	Tues.	3	3 ·84	14 ·25	—30	9	Sun.	3	4 ·29	20 ·27	2
10	Thur.	4	—A ·24	8 ·79	28	10	Wed.	4	4 ·86	15 ·28	1	10	Mon.	4	5 ·38	21 ·37	3
11	Fri.	5	1 ·14	9 ·72	29	11	Thur.	5	5 ·88	16 ·32	2	11	Tues.	5	6 ·47	22 ·48	4
12	Sat.	6	2 ·05 / 3 ·96	10 ·67	30	12	Fri.	6	6 ·93	17 ·38	3	12	Wed.	6	7 55	23 58	5
						13	Sat.	7	7 ·99	18 ·46	4	13	Thur.	7	8 ·61	24 ·67	6
13	Sun.	7	4 ·88	11 ·63	1	14	Sun.	8	... ...	19 ·56	5	14	Fri.	8	9 ·67	25 ·74	7
14	Mon.	8	5 ·84	12 ·61	2	15	Mon.	9	8 07	20 66	6	15	Sat.	9	10 ·69	26 ·78	8
15	Tues.	9	6 ·81	13 ·60	3	16	Tues.	10	9 15	21 ·78	7	16	Sun.	10	11 ·70	27 ·81	9
16	Wed.	10	7 ·78	14 ·61	4	17	Wed.	11	10 ·24	22 ·88	8	17	Mon.	11	12 69	1 ·82	10
17	Thur.	11	8 ·80	15 ·64	5	18	Thur.	12	11 ·31	23 ·97	9	18	Tues.	12	13 ·65	2 ·81	11
18	Fri.	12	9 ·82	16 69	6	19	Fri.	13	12 ·38	... ...	10	19	Wed.	13	14 61	3 ·78	12
19	Sat.	13	10 ·88	17 ·77	7	20	Sat.	14	13 ·43	24 ·05	11	20	Thur.	14	P ·53	4 ·74	13
20	Sun.	14	11 ·94	18 ·86	8	21	Sun.	15	14 47	25 ·11	12	21	Fri.	15	1 ·46	5 68	14
21	Mon.	15	... ...	19 ·96	9	22	Mon.	16	P ·48	26 16	13	22	Sat.	16	2 ·37	6 62	15
22	Tues.	16	12 ·02	... ...	10	23	Tues.	17	1 ·46	27 ·17	14	23	Sun.	17	3 ·27	7 ·55	16
23	Wed.	17	13 ·10	20 ·06	11	24	Wed.	18	2 44	1 17	15	24	Mon.	18	4 ·17	8 ·49	17
24	Thur.	18	14 ·19	21 ·17	12	25	Thur.	19	3 ·38	2 ·15	16	25	Tues.	19	5 ·07 / 6 ·98	9 ·42	18
25	Fri.	19	P ·26	22 ·28	13	26	Fri.	20	4 ·31	3 ·11	17						
26	Sat.	20	1 ·31	23 ·37	14	27	Sat.	21	5 23	4 ·07	18	26	Wed.	20	7 89	10 ·35	19
27	Sun.	21	2 ·36	24 ·43	15	28	Sun.	22	6 ·14	5 ·01 / 6 ·94	19	27	Thur.	21	8 ·82	11 ·30	20
28	Mon.	22	3 ·39	25 ·48	16							28	Fri.	22	9 ·76	12 ·25	21
29	Tues.	23	4 ·40	26 ·51	17	29	Mon.	23	7 ·04 / 8 ·94	7 ·87	20	—29	Sat.	23	10 ·72	13 ·23	22
30	Wed.	24	5 ·38	27 ·52	18	30	Tues.	24	9 ·84	8 ·80	21	1	Sun.	24	11 ·69	14 22	23
—31	Thur.	25	6 ·34	1 ·52	19	—31	Wed.	25	10 ·74	9 74	22	2	Mon.	25	12 ·67	15 ·23	24
1	Fri.	26	7 ·29	2 ·49	20	1	Thur.	26	11 ·66	10 ·68	23	3	Tues.	26	13 ·70	16 ·26	25
2	Sat.	27	8 ·21	3 ·44	21	2	Fri.	27	12 ·58	11 ·63	24	4	Wed.	27	14 ·73	17 30	26
3	Sun.	28	9 ·13	4 ·39	22	3	Sat.	28	13 ·52	12 ·59	25	5	Thur.	28	—A ·79	18 ·38	27
						4	Sun.	29	14 ·46	13 ·57	26	6	Fri.	29	1 86	19 ·47	28
4	Mon.	29	10 ·04 / 11 ·94	5 ·33	23	5	Mon.	30	--A ·44	14 ·57	27	7	Sat.	30	2 ·94	20 ·56	—29
5	Tues.	30	12 ·84	6 ·27	24												
6	Wed.	31	13 ·74	7 ·20	25												
	Aug.						**Oct.**						**Dec.**				
7	Thur.	1	14 ·64	8 ·13	26	6	Tues.	1	1 ·42	15 ·59	28	8	Sun.	1	... ...	21 ·67	1
8	Fri.	2	—A ·55	9 ·06	27	7	Wed.	2	2 ·44	16 ·63	—29	9	Mon.	2	3 ·03	22 ·78	2
9	Sat.	3	1 ·47	10 ·00 / 11 97	28	8	Thur.	3	3 ·47	17 ·69	1	10	Tues.	3	4 12	23 ·89	3
						9	Fri.	4	4 ·52	18 ·76	2	11	Wed.	4	5 ·21	24 ·97	4
10	Sun.	4	2 ·39	12 ·94	—29	10	Sat.	5	5 ·59	19 ·86	3	12	Thur.	5	6 27	... ...	5
11	Mon.	5	3 ·34	13 ·92	1	11	Sun.	6	6 ·67	20 ·97	4	13	Fri.	6	7 ·32	25 05	6
12	Tues.	6	4 ·31	14 ·93	2	12	Mon.	7	7 ·75	... ...	5	14	Sat.	7	8 ·34	26 ·10	7
13	Wed.	7	5 ·30	15 ·95	3	13	Tues.	8	8 84	21 ·07	6	15	Sun.	8	9 ·35	27 ·13	8
14	Thur.	8	6 ·32	... ...	4	14	Wed.	9	9 ·93	22 ·18	7	16	Mon.	9	10 ·33	1 ·15	9
15	Fri.	9	7 ·34	16 ·01	5	15	Thur.	10	10 ·99	23 ·27	8	17	Tues.	10	11 30	2 ·14	10
16	Sat.	10	8 ·39	17 ·08	6	16	Fri.	11	... ...	24 ·36	9	18	Wed.	11	12 ·25	3 ·11	11
17	Sun.	11	9 ·45	18 ·16	7	17	Sat.	12	11 ·03	25 ·43	10	19	Thur.	12	13 18	4 ·07	12
18	Mon.	12	10 ·52	19 ·26	8	18	Sun.	13	12 ·07	26 ·47	11					5 ·02	
19	Tues.	13	11 ·60	20 ·36	9	19	Mon.	14	13 ·07	27 ·49	12	20	Fri.	13	14 ·10	6 96	13
20	Wed.	14	12 ·69	21 ·47	10	20	Tues.	15	14 ·06	1 ·49	13						
21	Thur.	15	13 ·77	22 58	11				P ·03			21	Sat.	14	P ·01 / 1 ·92	7 ·90	14
22	Fri.	16	14 ·84	23 ·67	12	21	Wed.	16	1 99	2 48	14						
23	Sat.	17	P ·88	24 ·74	13	22	Thur.	17	2 ·91	3 ·45	15	22	Sun.	15	2 83	8 ·83	15
24	Sun.	18	1 ·90	25 ·80	14	23	Fri.	18	3 ·83	4 ·41	16	23	Mon.	16	3 ·73	9 ·76	16
25	Mon.	19	2 ·92	26 ·83	15	24	Sat.	19	4 ·74	5 35	17	24	Tues.	17	4 ·63	10 ·69	17
26	Tues.	20	3 ·90	27 ·85	16	25	Sun.	20	5 ·65	6 ·28	18	25	Wed.	18	5 ·54	11 ·63	18
27	Wed.	21	4 ·88	1 ·84	17	26	Mon.	21	6 ·55	7 ·21	19	26	Thur.	19	6 ·47	12 ·60	19
28	Thur.	22	5 ·82	2 82	18	27	Tues.	22	7 45	8 ·15	20	27	Fri.	20	7 ·40	13 ·56	20
29	Fri.	23	6 ·75	3 ·78	19	28	Wed.	23	8 ·36	9 ·08	21	28	Sat.	21	8 ·36	14 ·55	21
30	Sat.	24	7 ·66	4 ·72	20					10 ·03		—29	Sun.	22	9 ·34	15 ·55	22
—31	Sun.	25	8 ·57	5 ·67	21	29	Thur.	24	9 ·27	11 ·97	22	1	Mon.	23	10 ·33	16 ·57	23
1	Mon.	26	9 ·47	6 ·60	22	—30	Fri.	25	10 ·20	12 ·92	23	2	Tues.	24	11 ·34	17 ·62	24
2	Tues.	27	10 ·37	7 ·53	23	1	Sat.	26	11 ·13	13 ·90	24	3	Wed.	25	12 ·38	18 ·69	25
3	Wed.	28	11 ·27	8 ·48	24	2	Sun.	27	12 ·07	14 ·90	25	4	Thur.	26	13 ·45	19 ·77	26
4	Thur.	29	12 ·17	9 ·40	25	3	Mon.	28	13 ·06	15 ·91	26	5	Fri.	27	14 ·52	20 ·86	27
5	Fri.	30	13 ·08	10 ·35	26	4	Tues.	29	14 ·05	16 ·94	27	6	Sat.	28	—A ·60	21 ·97	28
6	Sat.	31	14 ·00 / A ·94	11 ·30	27	5	Wed.	30	—A ·06	...	28	7	Sun.	29	1 ·69	... ...	29
						6	Thur.	31	1 ·08	17 ·00	29	8	Mon.	30	2 ·78	22 ·08	—30
												9	Tues.	31	3 ·86	23 ·19	1

Śārvari. Kan.—Pur. Śārvari. Siṁha—Āvani. Śārvari. Karkaṭaka—Ādi. Śārvari. Kanyā—Purattāśi. Śārvari. Tulā—Aippaśi. Śārvari. Vṛiśchika—Kārttigai. Śārvari. Dhanus—Mārgali. Śārvari. Makara—Tai.

Śrāvana. Bhādrapada. Āśvina. Kārttika. Mārgaśirsha. Pausha.

Śukla. Bahula.

H. 390 Rajab. H. 390 Sha'bān. H. 390 Ramazān. H. 390 Zi-l-ka'da. H. 390 Shawwāl. H. 390 Zi-l-hijja. H. 391 Muharram

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1001. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·00.** **Śaka 923.** **Kaliyuga 4102.**
Lunar Eclipse. ○ (Arya Sid.) **March 22·96.** **(S. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Śārvari. **Makara—Tai.**			*Śukla.*			*Śārvari.* **Mīna—Paṅguni.**			*Śukla.*			*Plava.* **Vṛishabha—Vaigāśi.**			*Śukla.*		
10	Wed.	1	4 ·92	24 ·28	2	9	Sat.	1	3 ·20	1 ·11	2	9	Thur.	1	6 ·80	8 ·53	4
11	Thur.	2	5 ·96	25 ·35	3	10	Sun.	2	4 ·19	2 ·12	3	10	Fri.	2	7 ·70	9 ·46	5
12	Fri.	3	6 ·98	26 ·41	4	11	Mon.	3	5 ·14	3 ·10	4	11	Sat.	3	8 ·60	10 39	6
13	Sat.	4	7 ·99	27 ·45	5	12	Tues.	4	6 ·09	4 08	5	12	Sun.	4	9 ·50	11 ·32	7
14	Sun.	5	8 ·97	1 ·47	6	13	Wed.	5	7 ·01	5 ·03	6	13	Mon.	5	10 40	12 ·26	8
15	Mon.	6	9 ·95	2 ·47	7				8 ·92	6 ·98		14	Tues.	6	11 ·33	13 ·22	9
16	Tues.	7	10 ·89	3 ·44	8	14	Thur.	6	9 ·83	7 ·91	7	15	Wed.	7	12 ·27	14 ·19	10
17	Wed.	8	11 ·81	4 ·41	9	15	Fri.	7	10 ·73	8 ·84	8	16	Thur.	8	13 ·22	15 ·17	11
18	Thur.	9	12 ·73	5 ·35	10	16	Sat.	8	11 ·63	9 ·78	9	17	Fri.	9	14 ·18	16 ·17	12
19	Fri.	10	13 ·64	6 ·30	11	17	Sun.	9	12 ·53	10 ·71	10	18	Sat.	10	P ·17	17 ·19	13
20	Sat.	11	14 ·55	7 ·24	12	18	Mon.	10	13 ·44	11 ·65	11	19	Sun.	11	1 ·18	18 ·24	14
21	Sun.	12	P ·45	8 ·17	13	19	Tues.	11	14 ·35	12 ·59	12	20	Mon.	12	2 ·20	19 ·30	15
22	Mon.	13	1 ·35	9 ·10	14	20	Wed	○12	P ·27	13 ·55	13	21	Tues.	13	3 ·26	20 38	16
23	Tues.	14	2 ·25	10 ·03	15	21	Thur.	13	1 ·21	14 ·52	14	22	Wed.	14	4 ·33	21 ·47	17
				11 ·93													
24	Wed.	15	3 ·17	12 ·93	16	22	Fri.	14	2 ·17	15 ·52	15	23	Thur.	15	5 ·42	22 ·57	18
25	Thur.	16	4 ·09	13 ·89	17	23	Sat.	15	3 ·15	16 ·53	16	24	Fri.	16	6 ·50	23 ·69	19
26	Fri.	17	5 ·04	14 ·87	18	24	Sun.	16	4 ·13	17 ·56	17	25	Sat.	17	7 ·58	24 ·79	20
			6 ·99			25	Mon.	17	5 ·14	18 ·61	18	26	Sun.	18	8 ·65	25 ·89	21
27	Sat.	18	7 ·97	15 ·87	19	26	Tues.	18	6 ·18	19 ·68	19	27	Mon.	19	9 71	26 ·96	22
28	Sun.	19	8 ·93	16 ·90	20	27	Wed.	19	7 ·23	20 ·77	20	28	Tues.	20	10 75	... ...	23
29	Mon.	20	9 ·97	17 ·93	21	28	Thur.	20	8 ·31	21 ·87	21	29	Wed.	21	*Bahula.* 11 ·76	27 ·02	24
30	Tues.	21	.. ..	18 ·99	22	29	Fri.	21	9 ·39	22 ·93	22	30	Thur.	22	12 ·75	1 ·07	25
1	Wed.	22	*Bahula.* 10 ·02	.. ...	23	30	Sat.	22	*Bahula.* 10 ·47		23	31	Fri.	23	13 ·73	2 ·09	26
2	Thur.	23	11 ·03	19 ·07	24	1	Sun.	23	11 ·55	23 ·08	24	1	Sat.	24	14 ·70	3 ·09	27
3	Fri.	24	12 ·15	20 ·16	25	2	Mon.	24	12 ·63	24 ·18	25	2	Sun.	25	A ·64	4 ·07	28
4	Sat.	25	13 ·23	21 ·23	26	3	Tues.	25	13 ·69	25 ·28	26	3	Mon.	26	1 ·56	5 ·03	29
5	Sun.	26	14 ·31	22 ·38	27	4	Wed.	26	14 ·74	26 ·35	27					6 ·99	
6	Mon.	27	A ·40	23 ·49	28	5	Thur.	27	A ·75	27 ·40	28	4	Tues.	27	*Śukla.* 2 ·47	7 ·94	1
7	Tues.	28	1 ·48	24 ·58	29	6	Fri.	28	1 ·75	1 ·43	29	5	Wed.	28	3 ·37	8 ·87	2
8	Wed.	29	2 ·55	25 ·66	1	7	Sat.	29	2 ·74	2 ·44	1	6	Thur.	29	4 ·27	9 ·80	3
9	Thur.	30	3 ·59	26 ·72	2	8	Sun.	30	3 ·70	3 44	2	7	Fri.	30	5 ·17	10 ·73	4
10	Fri.	31	4 ·61	27 ·77	3	9	Mon.	31	4 ·65	4 ·41	3				6 ·07		
	Feb.						**April.**					8	Sat.	31	7 ·97	11 ·66	5
Śārvari. **Kumbha—Māśi.**			*Śukla.*			*Plava.* **Mēsha—Chittirai.**			*Śukla.*				**June.**				
11	Sat.	1	5 ·61	1 ·79	4	10	Tues.	1	5 ·57	5 ·37	4	9	Sun.	1	8 ·88	12 ·61	6
12	Sun.	2	6 ·59	2 ·79	5	11	Wed.	2	6 ·48	6 ·31	5	10	Mon.	2	9 80	13 ·56	7
13	Mon.	3	7 ·56	3 ·77	6	12	Thur.	3	7 ·39	7 ·25	6	11	Tues.	3	10 ·72	14 ·52	8
14	Tues.	4	8 ·50	4 ·74	7	13	Fri.	4	8 ·29	8 ·19	7	12	Wed.	4	11 ·68	15 ·49	9
15	Wed.	5	9 ·43	5 ·70	8	14	Sat.	5	9 ·13	9 ·12	8	13	Thur.	5	12 ·65	16 ·49	10
16	Thur.	6	10 ·35	6 ·64	9	15	Sun.	6	10 ·09	10 ·05	9	14	Fri.	6	13 ·64	17 ·51	11
17	Fri.	7	11 ·26	7 ·57	10				11 ·99	11 ·99		15	Sat.	7	14 ·64	18 ·55	12
18	Sat.	8	12 ·16	8 ·50	11	16	Mon.	7	12 ·90	12 93	10	16	Sun.	8	P ·68	19 ·60	13
19	Sun.	9	13 ·06	9 ·43	12	17	Tues	8	13 ·82	13 ·88	11	17	Mon.	9	1 ·73	20 ·68	14
20	Mon.	10	P ·86	10 ·37	13	18	Wed.	9	14 ·74	14 ·86	12	18	Tues.	10	2 ·80	21 ·77	15
21	Tues.	11	1 ·78	11 ·31	14	19	Thur.	10	P ·70	15 ·84	13	19	Wed.	11	3 ·88	22 ·88	16
22	Wed.	12	2 ·70	12 ·26	15	20	Fri.	11	1 ·68	16 ·85	14	20	Thur.	12	4 ·96	23 ·99	17
23	Thur.	13	3 ·64	13 ·22	16	21	Sat.	12	2 ·66	17 ·87	15	21	Fri.	13	... ...	... ...	18
24	Fri.	14	4 ·60	14 ·20	17	22	Sun.	13	3 ·68	18 ·92	16	22	Sat.	14	5 ·04	24 ·09	19
25	Sat.	15	5 ·58	15 ·20	18	23	Mon	14	4 ·71	19 ·99	17	23	Sun.	15	6 ·11	25 ·19	20
26	Sun.	16	6 ·56	16 ·21	19	24	Tues.	15	5 ·77	... ...	18	24	Mon.	16	7 ·18	26 ·27	21
27	Mon.	17	7 ·57	17 ·25	20	25	Wed.	16	6 ·83	20 ·07	19	25	Tues.	17	8 ·23	27 ·33	22
28	Tues.	18	8 ·62	18 ·30	21	26	Thur.	17	7 91	21 ·17	20	26	Wed.	18	9 ·25	1 39	23
29	Wed.	19	9 ·67	19 ·37	22	27	Fri.	18	.. ..	22 ·28	21	27	Thur.	19	*Bahula.* 10 ·23	2 ·41	24
30	Thur.	20	10 75	20 ·46	23	28	Sat.	19	8 ·01	23 ·39	22	28	Fri.	20	11 ·21	3 ·42	25
1	Fri.	21	11 83	21 ·57	24	29	Sun.	20	9 ·09	24 ·49	23	29	Sat.	21	12 ·18	4 ·40	26
2	Sat.	22	12 93	22 ·68	25	30	Mon.	21	*Bahula.* 10 ·16	25 ·58	24	30	Sun.	22	13 ·10	5 87	27
3	Sun.	23	.. ...	23 ·79	26	31	Tues.	22	11 ·21	26 ·66	25	31	Mon.	23	14 ·04	6 ·33	28
4	Mon.	24	13 ·01	24 ·88	27	1	Wed.	23	12 ·26	27 ·71	26				A ·94		
5	Tues.	25	14 ·08	25 ·97	28	2	Thur.	24	13 ·27	1 ·75	27	32	Tues.	24	1 ·84	7 ·27	29
6	Wed.	26	A ·14	.. ..	29	3	Fri.	25	14 ·28	2 ·77	28	1	Wed.	25	2 ·74	8 ·21	30
7	Thur.	27	1 ·19	26 ·04	30	4	Sat.	26	A ·26	3 ·77	29	2	Thur.	26	3 ·64	9 ·14	1
8	Fri.	28	2 ·23	27 ·09	1	5	Sun.	27	1 ·21	4 ·74	30	3	Fri.	27	4 ·54	10 ·07	2
						6	Mon.	28	2 ·16	5 ·70	1				*Śukla.* 5 ·45	11 ·01	
						7	Tues.	29	3 ·08	6 ·65	2	4	Sat.	28		12 ·04	3
						8	Wed.	30	4 ·00	7 ·59	3	5	Sun.	29	6 ·36	13 ·89	4
									5 ·90			6	Mon.	30	7 ·27	14 85	5

Nakshatras: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1001. **Kollam 177,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 392.** **Vikrama 1058.**
A—Amāvāsyā. Commences Commences **Nov. 20.** **Bengal San. 407.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Tues.	1	8 ·21	15 ·82	6	7	Mon.	1	11 ·30	22 ·78	9	7	Sat.	1	13 ·95	1 ·96	11
8	Wed.	2	9 ·16	16 ·82	7	8	Tues.	2	12 ·38	23 ·88	10	8	Sun.	2	14 ·98	... ...	12
9	Thur.	3	10 ·13	17 ·83	8	9	Wed.	3	13 ·47	24 ·99	11	9	Mon.	3	P ·99	2 ·01	13
10	Fri.	4	11 ·11	18 ·86	9	10	Thur.	4	14 ·55	... ...	12	10	Tues.	4	1 ·97	3 ·03	14
11	Sat.	5	12 ·12	19 ·91	10	11	Fri.○	5	P ·63	25 ·10	13	11	Wed.	5	2 ·94	4 ·04	15
12	Sun.	6	13 ·16	20 ·98	11	12	Sat.	6	1 ·70	26 ·19	14	12	Thur.	6	3 ·88	5 ·02 / 6 ·99	16
13	Mon.	7	14 ·20	... ...	12	13	Sun.	7	2 ·75	27 27	15						
14	Tues.	8	P ·27	21 ·08	13	14	Mon.	8	3 ·77	1 ·33	16	13	Fri.	7	4 ·82	7 ·96	17
15	Wed.	9	1 ·35	22 ·18	14	15	Tues.	9	4 ·78	2 ·37	17	14	Sat.	8	5 ·74	8 ·90	18
16	Thur.	10	2 ·44	23 ·29	15	16	Wed.	10	5 ·76	3 ·39	18	15	Sun.	9	6 ·65	9 ·84	19
17	Fri.	11	3 ·52	24 ·39	16	17	Thur.	11	6 ·73	4 ·39	19	16	Mon.	10	7 ·56	10 ·77	20
18	Sat.	12	4 ·58	25 ·49	17	18	Fri.	12	7 ·67	5 ·37	20	17	Tues.	11	8 ·46	11 ·70	21
19	Sun.	13	5 ·64	26 ·58	18	19	Sat.	13	8 ·60	6 ·33	21	18	Wed.	12	9 ·36	12 ·64	22
20	Mon.	14	6 ·69	27 ·65	19	20	Sun.	14	9 ·52	7 ·28	22	19	Thur.	13	10 ·26	13 ·57	23
21	Tues.	15	7 ·73	1 ·70	20	21	Mon.	15	10 ·43	8 ·23	23	20	Fri.	14	11 ·18	14 ·52	24
22	Wed.	16	8 ·72	2 ·73	21	22	Tues.	16	11 ·34	9 ·16	24	21	Sat.	15	12 ·10	15 ·47	25
23	Thur.	17	9 ·70	3 ·74	22	23	Wed.	17	12 ·24	10 ·09	25	22	Sun.	16	13 ·04 / 14 ·99	16 ·44	26
24	Fri.	18	10 ·66	4 ·73	23	24	Thur.	18	13 ·14	11 ·02 / 12 ·95	26						
25	Sat.	19	11 ·60	5 ·71	24							23	Mon.	17	—A ·97	17 ·44	27
26	Sun.	20	12 ·54	6 ·66	25							24	Tues.	18	1 ·96	18 ·45	28
27	Mon.	21	13 ·45	7 ·61	26	25	Fri.●	19	14 ·04 / A ·95	13 ·89	27	25	Wed.	19	2 ·98	19 ·48	—29
28	Tues.	22	14 ·36	8 ·54	27							26	Thur.	20	... ...	20 ·52	1
29	Wed.	23	—A ·26	9 ·47	28	26	Sat.	20	1 ·88	14 ·85	28	27	Fri.	21	3 ·08	21 ·59	2
30	Thur.	24	1 ·16	10 ·41	—29	27	Sun.	21	2 ·81	15 ·81	—29	28	Sat.	22	4 ·04	22 ·69	3
						28	Mon.	22	3 ·77	16 ·79	1						
			2 ·06			29	Tues.	23	4 ·73	17 ·79	2	29	Sun.	23	5 ·15	23 ·79	4
—31	Fri.	25	3 ·96	11 ·34	1	30	Wed.	24	5 ·71	18 ·80	3	1	Mon.	24	6 ·23	24 ·89	5
						—31	Thur.	25	6 ·73	19 ·85	4	2	Tues.	25	7 ·32	... ...	6
1	Sat.	26	4 ·86	12 ·28	2							3	Wed.	26	8 ·41	25 ·00	7
2	Sun.	27	5 ·78	13 ·22	3	1	Fri.	26	7 ·76	20 ·91	5	4	Thur.	27	9 ·49	26 ·10	8
3	Mon.	28	6 ·72	14 ·18	4	2	Sat.	27	8 ·82	21 ·98	6	5	Fri.	28	10 56	27 ·19	9
4	Tues.	29	7 ·66	15 ·16	5	3	Sun.	28	9 ·88	... ..	7	6	Sat.	29	11 ·60	1 ·27	10
5	Wed.	30	8 ·63	16 ·14	6	4	Mon.	29	10 ·93	22 ·08	8	7	Sun.	30	12 ·63	2 ·32	11
6	Thur.	31	9 ·61	17 ·15	7	5	Tues.	30	... ...	23 ·18	9						
	Aug.						**Oct.**						**Dec.**				
7	Fri.	1	10 ·62	18 ·17	8	6	Wed.	1	11 ·05	24 ·30	10	8	Mon.	1	13 ·62	3 ·35	12
8	Sat.	2	11 ·66	19 ·22	9	7	Thur.	2	12 ·14	25 ·40	11	9	Tues.	2	14 ·62	4 ·36	13
9	Sun.	3	12 ·70	20 ·29	10	8	Fri.	3	13 ·22	25 ·50	12	10	Wed.	3	P ·58	5 ·35	14
10	Mon.	4	13 ·78	21 ·38	11	9	Sat.	4	14 ·23	27 ·58	13	11	Thur.	4	1 ·52	6 ·33	15
11	Tues.	5	14 ·86	22 ·48	12	10	Sun.	5	P ·33	1 ·64	14	12	Fri.	5	2 ·46	7 ·29	16
12	Wed.	6	P ·94	23 ·59	13	11	Mon.	6	1 ·37	2 ·69	15	13	Sat.	6	3 ·38	8 ·24	17
13	Thur.	7	... ...	24 ·69	14	12	Tues.	7	2 ·37	3 ·71	16	14	Sun.	7	4 29	9 ·18	18
14	Fri.	8	1 ·02	25 ·79	15	13	Wed.	8	3 ·35	4 ·71	17	15	Mon.	8	5 ·19	10 ·11	19
15	Sat.	9	2 ·10	26 ·89	16	14	Thur.	9	4 ·32	5 ·70	18				6 ·09	11 ·05	
16	Sun.	10	3 ·16	27 ·98	17	15	Fri.	10	5 ·28	6 ·66	19	16	Tues.	9	7 ·99	12 ·98	20
17	Mon.	11	4 ·20	... ...	18	16	Sat.	11	6 ·19	7 ·61	20	17	Wed.	10	8 ·90	13 91	21
18	Tues.	12	5 ·24	1 ·02	19	17	Sun.	12	7 ·12	8 ·57	21	18	Thur.	11	9 ·82	14 ·85	22
19	Wed.	13	6 ·23	2 ·05	20							19	Fri.	12	10 ·74	15 ·81	23
20	Thur.	14	7 ·21	3 ·06	21	18	Mon.	13	8 ·02 / 9 ·92	9 ·50	22	20	Sat.	13	11 ·69	16 ·78	24
21	Fri.	15	8 ·18	4 ·06	22	19	Tues.	14	10 82	10 ·43	23	21	Sun.	14	12 ·64	17 ·77	25
22	Sat.	16	9 ·12	5 ·04	23	20	Wed.	15	11 ·73	11 ·36	24	22	Mon.	15	13 ·62	18 ·77	26
						21	Thur.	16	12 ·64	12 ·29	25	23	Tues.	16	14 ·62	19 ·79	27
23	Sun.	17	10 ·02 / 11 ·96	6 ·00 / 7 ·94	24	22	Fri.	17	13 ·56	13 ·24	26	24	Wed.	17	—A ·63	20 ·83	28
						23	Sat.	18	14 ·48	14 ·18	27	25	Thur.	18	1 ·67	21 ·91	29
24	Mon.	18	12 ·87	8 ·83	25	24	Sun.	19	—A ·41	15 14	28	26	Fri.	19	2 ·73	22 ·99	—30
25	Tues.	19	13 ·78	9 ·82	26	25	Mon.	20	1 ·36	16 ·12	29	27	Sat.	20	3 80	... ...	1
26	Wed.	20	14 ·68	10 ·75	27	26	Tues.	21	2 ·34	17 ·11	—30	28	Sun.	21	4 ·88	23 ·08	2
27	Thur.	21	—A ·58	11 ·68	28	27	Wed.	22	3 ·33	18 ·13	1	29	Mon.	22	5 ·97	24 ·19	3
28	Fri.	22	1 ·48	12 ·62	29	28	Thur.	23	4 ·34	19 ·16	2	—30	Tues.	23	... ...	25 ·30	4
29	Sat.	23	2 ·39	13 ·56	—30	29	Fri.	24	5 ·38	20 ·22	3	1	Wed.	24	6 ·06	26 ·40	5
30	Sun.	24	3 ·32	14 ·52	1	—30	Sat.	25	6 ·44	21 ·29	4	2	Thur.	25	7 ·14	27 ·50	6
—31	Mon.	25	4 ·25	15 ·49	2	1	Sun.	26	7 ·50	22 ·38	5	3	Fri.	26	8 ·20	1 ·57	7
1	Tues.	26	5 ·19	16 ·47	3	2	Mon.	27	8 ·58	23 ·49	6	4	Sat.	27	9 25	2 ·63	8
2	Wed.	27	6 ·16	17 ·47	4	3	Tues.	28	9 ·67	24 ·59	7	5	Sun.	28	10 ·28	3 67	9
3	Thur.	28	7 ·14	18 ·49	5	4	Wed.	29	10 ·76	25 ·70	8	6	Mon.	29	11 ·27	4 ·68	10
4	Fri.	29	8 ·16	19 ·53	6	5	Thur.	30	11 ·84	26 ·80	9	7	Tues.	30	12 ·26	5 6·9	11
5	Sat.	30	9 ·19	20 ·60	7	6	Fri.	31	12 ·91	27 ·88	10	8	Wed.	31	13 ·22	6 66	12
6	Sun.	31	10 ·24	21 ·68	8												

Plava. **Karkataka—Ādi.** *Bahula.* **Nija Āshādha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhād.** *Sukla.* *H. 391 Śha'bān.*

Plava. **Simha—Āvaṇi.** *Bahula.* *H. 391 Ramazān.*

Plava. **Kan.—Pur.** *Bahula.* *H. 391 Zi-l-ka'da.*

Plava. **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* *H. 391 Shawwāl.*

Plava. **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Sukla.* **Kārttika.** *Bahula.* *H. 391 Zi-l-ka'da.*

Plava. **Vṛiśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* *H. 391 Shawwāl.*

Plava. **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Sukla.* **Pausha.** *Bahula.* *H. 391 Zi-l-hijja.*

Plava. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H. 392 Muharram.*

Plava. **Kumbha—Māsi.** *Bahula.* **Māgha.** *Sukla.* **Phālguna.** *Bahula.* *H. 392 Ṣafar.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1002. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·26.** **Śaka 924.** **Kaliyuga 4103.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·22.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**			
Plava. **Makara—Tai.** 9	Thur. 1	14 ·18	7 ·63	13	*Plava.* **Mina—Pāṅguni.** 9	Sun. ○ 1	{14 ·03 / **P** ·93}	11 ·06 / 12 ·99	13
10	Fri. 2	**P** ·10	8 ·57	14	10	Mon. 2	1 ·84	13 ·92	14
11	Sat. 3	{1 ·02 / 2 ·92}	9 ·51	15	11	Tues. 3	2 ·75	14 ·87	15
12	Sun. 4	3 ·82	10 ·46	16	12	Wed. 4	3 ·66	15 ·81	16
13	Mon. 5	4 ·72	11 ·39	17	13	Thur. 5	4 ·57	16 ·77	17
14	Tues. 6	5 ·63	12 ·31	18	14	Fri. 6	5 ·51	17 ·74	18
15	Wed. 7	6 ·54	13 ·25	19	15	Sat. 7	6 ·48	18 ·73	19
16	Thur. 8	7 ·45	14 ·19	20	16	Sun. 8	7 ·45	19 ·75	20
17	Fri. 9	8 ·38	15 ·15	21	17	Mon. 9	8 ·45	20 ·78	21
18	Sat. 10	9 ·32	16 ·11	22	18	Tues. 10	9 ·47	21 ·83	22
19	Sun. 11	10 ·28	17 09	23	19	Wed. 11	10 ·50	22 ·90	23
20	Mon. 12	11 ·26	18 ·09	24	20	Thur. 12	11 ·56	23 ·98	24
21	Tues. 13	12 ·25	19 ·11	25	21	Fri. 13	12 ·64	... ...	25
22	Wed. 14	13 ·27	20 ·14	26	22	Sat. 14	13 ·72	24 ·09	26
23	Thur. 15	14 ·32	21 ·21	27	23	Sun. 15	14 ·81	25 ·20	27
24	Fri. 16	—**A** ·38	22 ·29	28	24	Mon. 16	—**A** ·89	26 ·30	28
25	Sat. 17	1 ·45	23 ·38	—29	25	Tues. 17	1 ·95	27 ·40	—29
26	Sun. 18	2 ·53	24 ·49	1	26	Wed. 18	... ...	1 ·49	1
27	Mon. 19	3 ·61	25 ·60	2	27	Thur. 19	2 ·01	2 ·57	2
28	Tues. 20	4 ·70	26 ·71	3	28	Fri. 20	3 ·05	3 ·62	3
—29	Wed. 21	5 ·78	27 ·80	4	29	Sat. 21	4 ·06	4 ·65	4
1	Thur. 22	6 ·84	1 ·88	5	—30	Sun. 22	5 ·06	5 ·66	5
2	Fri. 23	7 ·89	2 ·94	6	1	Mon. 23	6 ·04	6 ·65	6
3	Sat. 24	8 ·91	3 ·98	7	2	Tues. 24	7 ·00 / 8 ·94	7 ·62	7
4	Sun. 25	9 ·90	... ...	8	3	Wed. 25	9 ·87	8 ·59	8
5	Mon. 26	10 ·89	4 ·01	9	4	Thur. 26	10 ·79	9 ·53	9
6	Tues. 27	11 ·84	5 ·01 / 6 ·99	10	5	Fri. 27	11 ·69	10 ·47	10
7	Wed. 28	12 ·78	7 ·96	11	6	Sat. 28	12 ·59	11 ·40	11
8	Thur. 29	13 ·71	8 ·91	12	7	Sun. 29	13 ·49	12 ·33	12
9	Fri. 30	14 ·64	9 ·86	13	8	Mon. 30	14 ·39	13 ·27	13
10	Sat. 31	**P** ·54	10 ·79	14	9	Tues. 31	**P** ·30	14 ·20	14
	Feb.					**April.**			
Plava. **Kumbha—Māgi.** 11	Sun. 1	1 ·44	11 ·72	15	*Śubhakṛit.* **Mēsha—Chittirai.** 10	Wed. 1	1 ·21	15 ·15	15
12	Mon. 2	2 ·34	12 ·65	16	11	Thur. 2	2 ·13	16 ·10	16
13	Tues. 3	3 ·24	13 ·58	17	12	Fri. 3	3 ·07	17 ·07	17
14	Wed. 4	4 ·15	14 ·53	18	13	Sat. 4	4 ·02 / 5 ·99	18 ·06	18
15	Thur. 5	{5 ·07 / 6 ·99}	15 ·48	19	14	Sun. 5	6 ·99	19 ·07	19
16	Fri. 6	7 ·92	16 ·44	20	15	Mon. 6	... ...	20 ·09	20
17	Sat. 7	8 ·89	17 ·42	21	16	Tues. 7	7 ·00	21 ·14	21
18	Sun. 8	9 ·87	18 ·41	22	17	Wed. 8	8 ·04	22 ·20	22
19	Mon. 9	10 ·85	19 ·42	23	18	Thur. 9	9 ·09	23 ·29	23
20	Tues. 10	11 ·89	20 ·47	24	19	Fri. 10	10 ·16	24 39	24
21	Wed. 11	12 ·93	21 ·52	25	20	Sat. 11	11 ·24	25 ·50	25
22	Thur. 12	13 ·99	22 ·59	26	21	Sun. 12	12 ·32	26 ·60	26
23	Fri. 13	... ..	23 ·68	27	22	Mon. 13	13 ·41	27 ·70	27
24	Sat. 14	14 ·07	24 ·78	28	23	Tues. 14	14 ·48	1 ·79	28
25	Sun. 15	—**A** ·15	25 ·90	29	24	Wed. 15	—**A** ·54	2 ·88	29
26	Mon. 16	1 ·23	... ...	—30	25	Thur. 16	1 ·58	3 ·93	—30
27	Tues. 17	2 ·31	26 ·01	1	26	Fri. 17	2 ·60	4 ·97	1
28	Wed. 18	3 ·39	27 ·10	2	27	Sat. 18	3 ·59	5 ·98	2
29	Thur. 19	4 ·44	1 ·19	3	28	Sun. 19	4 ·57	6 ·97	3
—30	Fri. 20	5 ·49	2 ·25	4	29	Mon. 20	5 ·53	7 ·96	4
1	Sat. 21	6 ·50	3 ·31	5	30	Tues. 21	6 ·47	8 ·92	5
2	Sun. 22	7 ·50	4 ·33	6	—31	Wed. 22	7 ·39	9 ·87	6
3	Mon. 23	8 ·48	5 ·34	7	1	Thur. 23	8 ·30	10 ·81	7
4	Tues. 24	9 ·43	6 ·32	8	2	Fri. 24	9 ·21	11 ·74	8
5	Wed. 25	10 ·38	7 ·29	9	3	Sat. 25	10 ·11	12 ·68	9
6	Thur. 26	11 ·30	8 ·24	10	4	Sun. 26	{11 ·01 / 12 ·91}	13 ·61	10
7	Fri. 27	12 ·22	9 ·20	11	5	Mon. 27	13 ·81	14 ·54	11
8	Sat. 28	13 ·13	10 ·13	12	6	Tues. 28	14 ·72	15 ·48	12
					7	Wed. 29	**P** ·64	16 ·43	13
					8	Thur. 30	1 ·58	17 ·41	14
						May.			
Śubhakṛit. **Vṛishabha—Vaigāśi.** 9	Fri. 1	2 ·53	18 ·39	15	*Śubhakṛit.* **Mithuna—Āni.** 8	Mon. 1	3 ·00	22 ·82	17
10	Sat. 2	3 ·51	19 ·39	16	9	Tues. 2	4 ·03	23 ·90	18
11	Sun. 3	4 ·50	20 ·41	17	10	Wed. 3	5 ·07	24 ·99	19
12	Mon. 4	5 ·51	21 ·45	18	11	Thur. 4	6 ·15	... ..	20
13	Tues. 5	6 ·55	22 ·52	19	12	Fri. 5	7 ·23	25 ·09	21
14	Wed. 6	7 ·59	23 ·60	20	13	Sat. 6	8 ·31	26 ·20	22
15	Thur. 7	8 ·67	24 ·69	21	14	Sun. 7	9 ·39	27 ·31	23
16	Fri. 8	9 ·75	25 ·79	22	15	Mon. 8	10 ·47	1 ·41	24
17	Sat. 9	10 ·84	26 ·90	23	16	Tues. 9	11 ·52	2 ·49	25
18	Sun. 10	11 ·91	... ...	24	17	Wed. 10	12 ·56	3 ·56	26
19	Mon. 11	12 ·98	27 ·00	25	18	Thur. 11	13 ·58	4 ·60	27
20	Tues. 12	... ...	1 ·11	26	19	Fri. 12	14 ·57	5 ·63	28
21	Wed. 13	13 ·04	2 ·19	27	20	Sat. 13	—**A** ·55	6 ·63	29
22	Thur. 14	14 ·07	3 ·24	28	21	Sun. 14	1 ·50	7 ·62	—30
23	Fri. 15	—**A** ·10	4 ·28	—29	22	Mon. 15	2 ·45	8 ·59	1
24	Sat. 16	1 ·09	5 ·30	1	23	Tues. 16	3 ·37	9 ·54	2
25	Sun. 17	2 ·07	6 ·31	2	24	Wed. 17	4 ·28	10 ·49	3
26	Mon. 18	{3 ·02 / 4 ·97}	7 ·29	3	25	Thur. 18	5 ·18	11 ·43	4
27	Tues. 19	5 ·89	8 ·25	4	26	Fri. 19	{6 ·07 / 7 ·97}	12 ·36	5
28	Wed. 20	6 ·80	9 ·20	5	27	Sat. 20	8 ·87	13 ·29	6
29	Thur. 21	7 ·71	10 ·14	6	28	Sun. 21	9 ·77	14 ·22	7
30	Fri. 22	8 ·61	11 ·09	7	29	Mon. 22	10 ·68	15 ·16	8
31	Sat. 23	9 ·50	12 ·02 / 13 ·93	8	30	Tues. 23	11 ·61	16 ·11	9
—32	Sun. 24	10 ·40	14 ·88	9	—31	Wed. 24	12 ·55	17 ·07	10
1	Mon. 25	11 ·30	15 ·82	10	1	Thur. 25	13 ·50	18 ·04	11
2	Tues. 26	12 ·21	16 ·78	11	2	Fri. 26	14 ·47	19 ·03	12
3	Wed. 27	13 ·12	17 ·74	12	3	Sat. 27	**P** ·46	20 ·04	13
4	Thur. 28	14 ·07	18 ·71	13	4	Sun. 28	1 ·48	21 ·08	14
5	Fri. 29	**P** ·02	19 ·71	14	5	Mon. 29	2 ·50	22 ·13	15
6	Sat. 30	{1 ·00 / 2 ·98}	20 ·72	15	6	Tues. 30	3 ·56	23 ·20	16
7	Sun. 31	... ...	21 ·76	16					
						June.			
Śubhakṛit. **Kark.—Ādi.** 8	Mon. 1	3 ·00	22 ·82	17					
9	Tues. 2	4 ·03	23 ·90	18					
10	Wed. 3	5 ·07	24 ·99	19					
11	Thur. 4	6 ·15	... ..	20					
12	Fri. 5	7 ·23	25 ·09	21					
13	Sat. 6	8 ·31	26 ·20	22					
14	Sun. 7	9 ·39	27 ·31	23					
15	Mon. 8	10 ·47	1 ·41	24					
16	Tues. 9	11 ·52	2 ·49	25					
17	Wed. 10	12 ·56	3 ·56	26					
18	Thur. 11	13 ·58	4 ·60	27					
19	Fri. 12	14 ·57	5 ·63	28					
20	Sat. 13	—**A** ·55	6 ·63	29					
21	Sun. 14	1 ·50	7 ·62	—30					
22	Mon. 15	2 ·45	8 ·59	1					
23	Tues. 16	3 ·37	9 ·54	2					
24	Wed. 17	4 ·28	10 ·49	3					
25	Thur. 18	5 ·18	11 ·43	4					
26	Fri. 19	{6 ·07 / 7 ·97}	12 ·36	5					
27	Sat. 20	8 ·87	13 ·29	6					
28	Sun. 21	9 ·77	14 ·22	7					
29	Mon. 22	10 ·68	15 ·16	8					
30	Tues. 23	11 ·61	16 ·11	9					
—31	Wed. 24	12 ·55	17 ·07	10					
1	Thur. 25	13 ·50	18 ·04	11					
2	Fri. 26	14 ·47	19 ·03	12					
3	Sat. 27	**P** ·46	20 ·04	13					
4	Sun. 28	1 ·48	21 ·08	14					
5	Mon. 29	2 ·50	22 ·13	15					
6	Tues. 30	3 ·56	23 ·20	16					

Plava. *Śubhakṛit.* *Śubhakṛit.* *Śubhakṛit.*

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

H. 392 *Safar.* *Rabī-ul ākhir.* *Rabī-ul awwal.* *Jamādu'l awwal.* *Jamādu'l ākhir.* *Rajab.* *Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10 Magh. 11. P Phal. 12. U. Phal 25. P. Bhad. 26 U. Bhad. 27. Rev.

A.D. 1002. **Kollam 178,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 393.** Commences **Nov. 10.** **Vikrama 1059.** **Bengal San. 408.** **(N. Cycle) Krodhin.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	4 ·63	24 ·29	17	6	Tues.	1	*Bahula.* 6 ·07	4 ·55	20	7	Sun.	1	8 ·08	10 ·17	22
8	Thur.	2	5 ·71	25 ·39	18	7	Wed.	2	7 ·09	5 ·59	21	8	Mon.	2	9 ·00	11 ·12	23
9	Fri.	3	6 ·79	26 ·51	19	8	Thur.	3	8 ·08	6 ·60	22				10 ·90		
10	Sat.	4	7 ·87	27 ·61	20	9	Fri.	4	9 ·06	7 ·60	23	9	Tues.	3	11 ·80	12 ·06	24
11	Sun.	5	8 ·95	1 ·71	21	10	Sat.	5	10 ·02	8 ·59	24					13 ·99	
12	Mon.	6	... ...	2 ·80	22				11 ·96			10	Wed.	4	12 ·70	14 ·92	25
13	Tues.	7	9 ·00	3 ·86	23	11	Sun.	6	12 ·89	9 ·55	25	11	Thur.	5	13 ·61	15 ·85	26
14	Wed.	8	10 ·04	4 ·92	24	12	Mon.	7	13 ·80	10 ·50	26	12	Fri.	6	14 ·52	16 ·79	27
15	Thur.	9	11 ·06	5 ·95	25	13	Tues.	8	14 ·72	11 ·44	27	13	Sat.	7	—**A** ·43	17 ·74	28
16	Fri.	10	12 ·06	6 ·96	26	14	Wed.	9	—**A** ·62	12 ·37	28	14	Sun.	8	1 ·36	18 ·69	29
17	Sat.	11	13 ·03	7 ·95	27	15	Thur.	10	1 ·52	13 ·31	—29	15	Mon.	9	2 ·30	19 ·66	—30
			14 ·98			16	Fri.	11	2 ·42	14 ·24	1	16	Tues.	10	3 ·26	20 ·65	1
18	Sun.	12	—**A** ·93	8 ·92	28	17	Sat.	12	3 ·31	15 ·17	2	17	Wed.	11	4 ·24	21 ·66	2
19	Mon.	13	1 ·85	9 ·88	29	18	Sun.	13	4 ·23	16 ·11	3	18	Thur.	12	5 ·24	22 ·70	3
20	Tues.	14	2 ·76	10 ·83	1	19	Mon.	14	5 ·15	17 ·06	4	19	Fri.	13	6 ·26	23 ·74	4
21	Wed.	15	3 ·67	11 ·76	2	20	Tues.	15	*Sukla.* 6 ·10	18 ·03	5	20	Sat.	14	7 ·29	24 ·81	5
22	Thur.	16	4 ·57	12 ·69	3	21	Wed.	16	7 ·05	19 ·01	6	21	Sun.	15	8 ·36	25 ·90	6
23	Fri.	17	5 ·46	13 ·62	4	22	Thur.	17	8 ·03	20 ·01	7	22	Mon.	16	9 ·43	... ...	7
24	Sat.	18	6 ·36	14 ·55	5	23	Fri.	18	9 ·02	21 ·02	8	23	Tues.	17	10 ·51	26 ·00	8
25	Sun.	19	7 ·26	15 ·50	6	24	Sat.	19	10 ·03	22 ·06	9	24	Wed.	18	11 ·60	27 ·11	9
26	Mon.	20	8 ·17	16 ·44	7	25	Sun.	20	11 ·08	23 ·13	10	25	Thur.	19	12 ·69	1 ·22	10
27	Tues.	21	9 ·10	17 ·40	8	26	Mon.	21	12 ·13	24 ·21	11	26	Fri.	20	13 ·77	2 ·32	11
28	Wed.	22	10 ·03	18 ·37	9	27	Tues.	22	13 ·21	25 ·30	12	27	Sat.	21	14 ·83	3 ·41	12
			11 ·99			28	Wed.	23	14 ·29	26 ·40	13	28	Sun.	22	**P** ·87	4 ·48	13
29	Thur.	23	12 ·96	19 ·35	10	29	Thur.	24	**P** ·38	27 ·51	14	29	Mon.	23	1 ·90	5 ·54	14
30	Fri.	24	13 ·96	20 ·37	11	—30	Fri.	25	1 ·46	1 ·61	15	—30	Tues.	24	2 ·90	6 ·57	15
31	Sat.	25	14 ·96	21 ·39	12	1	Sat.	26	2 ·53	2 ·72	16	1	Wed.	25	3 ·88	7 ·58	16
—32	Sun.	26	**P** ·99	22 ·44	13	2	Sun.	27	3 ·60	3 ·80	17	2	Thur.	26	4 ·84	8 ·57	17
1	Mon.	27	... ...	23 ·51	14	3	Mon.	28	4 ·63	4 ·86	18	3	Fri.	27	5 ·79	9 ·54	18
2	Tues.	28	1 ·05	24 ·59	15	4	Tues.	29	5 ·66	5 ·90	19	4	Sat.	28	6 ·72	10 ·51	19
3	Wed.	29	2 ·12	25 ·70	16	5	Wed.	30	6 ·65	6 ·92	20	5	Sun.	29	7 ·64	11 ·46	20
4	Thur.	30	3 ·20	26 ·80	17							6	Mon.	30	8 ·54	12 ·40	21
5	Fri.	31	4 ·28	27 ·91	18												
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	5 ·37	... ...	19	6	Thur.	1	*Bahula.* 7 ·64	7 ·93	21	7	Tues.	1	9 ·44	13 ·33	22
7	Sun.	2	6 ·44	1 ·01	20	7	Fri.	2	8 ·59	8 ·92	22	8	Wed.	2	10 ·34	14 ·26	23
8	Mon.	3	7 ·49	2 ·10	21	8	Sat.	3	9 ·54	9 ·88	23	9	Thur.	3	11 ·25	15 ·20	24
9	Tues.	4	8 ·54	3 ·18	22	9	Sun.	4	10 ·47	10 ·83	24	10	Fri.	4	12 ·18	16 ·13	25
10	Wed.	5	9 ·55	4 ·24	23	10	Mon.	5	11 ·38	11 ·78	25	11	Sat.	5	13 ·07	17 ·07	26
11	Thur.	6	10 ·55	5 ·27	24	11	Tues.	6	12 ·29	12 ·72	26	12	Sun.	6	14 ·00	18 ·03	27
12	Fri.	7	11 ·53	6 ·28	25	12	Wed.	7	13 ·20	13 ·65	27				**A** ·94	19 ·99	
13	Sat.	8	12 ·49	7 ·27	26	13	Thur.	8	14 ·10	14 ·58	28	13	Mon.	7	1 ·91	20 ·98	28
14	Sun.	9	13 ·43	8 ·25	27	14	Fri.	9	**A** ·00	15 ·51	29	14	Tues.	8	2 ·89	21 ·99	29
15	Mon.	10	14 ·35	9 ·22	28				1 ·91			15	Wed.	9	3 ·89	... ...	—30
16	Tues. ●	11	—**A** ·26	10 ·16	29	15	Sat.	10	2 ·82	16 ·45	—30	16	Thur.	10	4 ·90	22 ·01	1
17	Wed.	12	1 ·17	11 ·10	—30	16	Sun.	11	3 ·74	17 ·40	1	17	Fri.	11	5 ·94	23 ·05	2
18	Thur.	13	2 ·07	12 ·03	1	17	Mon.	12	4 ·69	18 ·36	2	18	Sat.	12	... ...	24 ·12	3
			3 ·97	13 ·96		18	Tues.	13	5 ·64	19 ·34	3	19	Sun.	13	6 ·00	25 ·20	4
19	Fri.	14	4 ·87	14 ·90	2	19	Wed.	14	*Sukla.* 6 ·62	20 ·33	4	20	Mon.	14	*Sukla* 7 ·07	26 ·30	5
20	Sat.	15	5 ·77	15 ·84	3	20	Thur.	15	7 ·62	21 ·34	5	21	Tues.	15	8 ·17	27 ·41	6
21	Sun.	16	6 ·69	16 ·78	4	21	Fri.	16	8 ·64	22 ·38	6	22	Wed.	16	9 ·26	1 ·52	7
22	Mon.	17	7 ·61	17 ·73	5	22	Sat.	17	9 ·67	23 ·44	7	23	Thur.	17	10 ·34	2 ·62	8
23	Tues.	18	8 ·54	18 ·69	6	23	Sun.	18	10 ·73	24 ·51	8	24	Fri.	18	11 ·41	3 ·71	9
24	Wed.	19	9 ·50	19 ·69	7	24	Mon.	19	11 ·80	25 ·60	9	25	Sat.	19	12 ·48	4 ·79	10
25	Thur.	20	10 ·47	20 ·69	8	25	Tues.	20	12 ·88	26 ·70	10	26	Sun.	20	13 ·52	5 ·85	11
26	Fri.	21	11 ·48	21 ·71	9	26	Wed.	21	13 ·97	27 ·80	11	27	Mon.	21	14 ·54	6 ·89	12
27	Sat.	22	12 ·49	22 ·75	10	27	Thur.	22	.. ..	1 ·92	12	28	Tues.	22	**P** ·55	7 ·90	13
28	Sun.	23	13 ·52	23 ·81	11	28	Fri.	23	14 ·06	... ...	13	—29	Wed.	23	1 ·53	8 ·90	14
29	Mon.	24	14 ·57	24 ·90	12	29	Sat.	24	**P** ·14	2 ·02	14	1	Thur.	24	2 ·49	9 ·88	15
30	Tues. ○	25	**P** ·64	... ...	13	—30	Sun.	25	1 ·19	3 ·10	15	2	Fri.	25	3 ·44	10 ·85	16
—31	Wed.	26	1 ·72	25 ·00	14	1	Mon.	26	2 ·23	4 ·17	16	3	Sat.	26	4 ·36	11 ·79	17
1	Thur.	27	2 ·81	26 ·10	15	2	Tues.	27	3 ·27	5 ·22	17	4	Sun.	27	5 ·28	12 ·73	18
2	Fri.	28	3 ·90	27 ·21	16	3	Wed.	28	4 ·26	6 ·25	18	5	Mon.	28	6 ·19	13 ·67	19
3	Sat.	29	4 ·97	1 ·31	17	4	Thur.	29	5 ·25	7 ·26	19	6	Tues.	29	7 ·10	14 ·59	20
4	Sun.	30	... ...	2 ·41	18	5	Fri.	30	*Bahula.* 6 ·21	8 ·24	20	7	Wed.	30	8 ·00	15 ·53	21
5	Mon.	31	5 ·03	3 ·49	19	6	Sat.	31	7 ·16	9 ·21	21				9 ·90		
												8	Thur.	31	10 ·81	16 ·47	22

Śubhakṛit. **Karkataka—Ādi.** *Śubhakṛit.* **Kanyā—Purattāsi.** *Śubhakṛit.* **Vṛiśchika—Kārttigai.**

Śubhakṛit. **Siṁha—Āvani.** *Śubhakṛit.* **Tulā—Aippaśi.** *Śubhakṛit.* **Dhanus—Mārgali.**

Śubhakṛit. **Bhādrapada.** *Śubhakṛit.* **Kārttika.** *Śubhakṛit.* **Makara—Tai.**

Śrāvana. *Āshāḍha.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.*

Śrāvana. *Āshāḍha.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.*

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

H. 392 *Śha'bān.* *H.* 392 *Shawwāl.* *H.* 392 *Zi-l-ka'da.* *H.* 392 *Zi-l-hijja.* *H.* 393 *Muharram.* *H.* 393 *Śafar.*

H. 392 *Ramażān.* *H.* 392 *Shawwāl.* *H.* 392 *Zi-l-hijja.* *H.* 393 *Muharram.* *H.* 393 *Śafar.*

13. Hast . 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1003. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Śaka 925.** **Kaliyuga 4104.**
Solar Eclipse. ● **(Surya Sid.) March 23·52.** **(S. Cycle) Śobhana.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·48.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.							**March.**					
Śubhakṛit. **Makara—Tai.**							*Śobhana.* **Mīna—Pāṅguni.**						
9	Fri.	1	*Bahula.* 11	·73	17	·41	9	Mon.	1	11	·75	22	·96
10	Sat.	2	12	·65	18	·36	10	Tues.	2	12	·75	...	...
11	Sun.	3	13	·58	19	·32	11	Wed.	3	13	·76	23	·00
12	Mon.	4	14	·55	20	·31	12	Thur.	4	14	·81	24	·05
13	Tues.	5	—**A**	·53	21	·31	13	Fri.	5	—**A**	·86	25	·12
14	Wed.	6	1	·53	22	·33	14	Sat.	6	1	·94	26	·20
15	Thur.	7	2	·54	23	·36	15	Sun.	7	...	...	27	·30
16	Fri.	8	3	·59	24	·42	16	Mon.	8	*Śukla.* 2	·02	1	·41
17	Sat.	9	4	·65	25	·51	17	Tues.	9	3	·11	2	·53
18	Sun.	10	5	·72	26	·60	18	Wed.	10	4	·19	3	·62
19	Mon.	11	6	·80	27	·71	19	Thur.	11	5	·25	4	·71
20	Tues.	12	7	·89	1	·81	20	Fri.	12	6	·31	5	·78
21	Wed.	13	8	·97	2	·92	21	Sat.	13	7	·35	6	·83
22	Thur.	14	...	...	...	...	22	Sun.	14	8	·38	7	·87
23	Fri.	15	9	·05	3	·02	23	Mon.	15	9	·37	8	·88
24	Sat.	16	10	·12	4	·10	24	Tues.	16	10	·36	9	·87
25	Sun	17	11	·16	5	·16	25	Wed.	17	11	·31	10	·84
26	Mon.	18	12	·18	6	·20	26	Thur.	18	12	·26	11	·80
27	Tues.	19	13	·18	7	·22	27	Fri.	19	13	·18	12	·75
28	Wed.	20	14	·15	8	·23	28	Sat.	20	14	·09	13	·69
—29	Thur.	21	*Māgha.* **P**	·12	9	·21	29	Sun.	21	*Chaitra.* **P**	·00	14	·62
1	Fri.	22	1	·07	10	·18				1	·90		
2	Sat.	23	2	·00	11	·13	—30	Mon.	22	2	·79	15	·55
3	Sun.	24	3	·91	12	·07	1	Tues.	23	3	·69	16	·48
4	Mon.	25	4	·82	13	·00	2	Wed.	24	4	·60	17	·42
5	Tues.	26	5	·73	14	·94	3	Thur.	25	5	·51	18	·37
6	Wed.	27	*Bahula.* 6	·63	15	·87	4	Fri.	26	6	·44	19	·32
7	Thur.	28	7	·53	16	·80	5	Sat.	27	7	·37	20	·29
8	Fri.	29	8	·43	17	·74	6	Sun.	28	8	·33	21	·27
9	Sat.	30	9	·35	18	·69	7	Mon.	29	9	·31	22	·29
10	Sun.	31	10	·28	19	·66	8	Tues.	30	10	·30	23	·31
			11	22	20	·64	9	Wed.	31	11	·32	24	·36
	Feb.							**April.**					
Śubhakṛit. **Kumbha—Māṣi.**							*Śobhana.* **Mēsha—Chittirai.**						
11	Mon.	1	12	·18	21	·63	10	Thur.	1	12	·36	25	·42
12	Tues.	2	13	·15	22	·64	11	Fri.	2	13	·42	26	·51
13	Wed.	3	14	·14	23	·68	12	Sat.	3	14	·48	27	·60
14	Thur.	4	—**A**	·18	24	·74	13	Sun.	4	—**A**	·56	1	·72
15	Fri.	5	1	·22	25	·81	14	Mon.	5	1	·65	2	·82
16	Sat.	6	2	·27	26	·90	15	Tues.	6	2	·73	3	·92
17	Sun.	7	3	·35	...	.	16	Wed.	7	3	·80	...	...
18	Mon.	8	4	·43	27	·01	17	Thur.	8	4	·86	4	·01
19	Tues.	9	5	·51	1	·12	18	Fri.	9	5	·90	5	·09
20	Wed.	10	6	·60	2	·23	19	Sat.	10	6	·92	6	·15
21	Thur.	11	7	·67	3	·32	20	Sun.	11	7	·90	7	·19
22	Fri.	12	8	·74	4	·41	21	Mon.	12	8	·88	8	·20
23	Sat.	13	9	·77	5	·47	22	Tues.	13	9	·84	9	·19
24	Sun.	14	10	·80	6	·52	23	Wed.	14	10	·79	10	·17
25	Mon.	15	11	·79	7	·54	24	Thur.	15	11	·71	11	·14
26	Tues.	16	12	·78	8	·56	25	Fri.	16	12	·62	12	·09
27	Wed.	17	13	·73	9	·54						13	·03
28	Thur.	18	14	·68	10	·51	26	Sat.	17	13	·52	11	·96
29	Fri. ○	19	*Phālguna.* **P**	·61	11	·46	27	Sun.	18	*Vaiśākha.* 14	·42	15	·89
30	Sat.	20	1	·52	12	·41	28	Mon.	19	**P**	·32	16	·83
Śubhakṛit. **Mīna—Pāṅguni.** 1	Sun.	21	2	·48	13	·35	29	Tues.	20	1	·22	17	·76
2	Mon.	22	3	·33	14	·28	30	Wed.	21	2	·13	18	·70
3	Tues.	23	4	·23	15	·21				3	·04		
4	Wed.	24	5	·13	16	·14	—31	Thur.	22	4	·96	19	·65
5	Thur.	25	6	·08	17	·08	1	Fri.	23	5	·89	20	·62
			7	·95			2	Sat.	24	6	·85	21	·60
6	Fri	28	*Bahula.* 8	·87	18	·03	3	Sun.	25	7	·83	22	·61
					19	·99	4	Mon.	26	8	·81	23	·63
7	Sat.	27	9	·81	20	·96	5	Tues.	27	9	·83	24	·67
8	Sun	28	10	·77	21	·95	6	Wed.	28	10	·87	25	·73
							7	Thur.	29	11	·93	26	·81
							8	Fri.	30	12	·99	27	·91

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	May.							**June.**					
Śobhana. **Vṛishabha—Vaigāsi.**							*Śobhana.* **Mithuna—Āni.**						
9	Sat.	1	...	...	...	...	8	Tues.	1	14	·80	4	·63
10	Sun.	2	13	·07	1	·01	9	Wed.	2	—**A**	·86	5	·71
11	Mon.	3	14	·16	2	·12	10	Thur.	3	1	·89	6	·78
12	Tues.	4	—**A**	·24	3	·22	11	Fri.	4	2	·90	7	·82
13	Wed.	5	1	·32	4	·32	12	Sat.	5	3	·90	8	·84
14	Thur.	6	2	·36	5	·41	13	Sun.	6	4	·87	9	·85
15	Fri.	7	3	·40	6	·47	14	Mon.	7	*Śukla.* 5	·83	10	·84
16	Sat.	8	4	·42	7	·50	15	Tues.	8	6	·77	11	·81
17	Sun.	9	*Śukla.* 5	·42	8	·52	16	Wed.	9	7	·69	12	·76
18	Mon.	10	6	·40	9	·52	17	Thur.	10	8	·60	13	·70
19	Tues.	11	7	·35	10	·51	18	Fri.	11	9	·50	14	·64
20	Wed.	12	8	·28	11	·47	19	Sat.	12	10	·40	15	·57
21	Thur.	13	9	·21	12	·42	20	Sun.	13	11	·30	16	·50
22	Fri.	14	10	·12	13	·36	21	Mon.	14	12	·20	17	·44
23	Sat.	15	11	·02	14	·30	22	Tues.	15	13	·10	18	·37
			12	·92			23	Wed.	16	14	·01	19	·32
24	Sun.	16	13	·82	15	·24				**P**	·93		
25	Mon.	17	14	·72	16	·17	24	Thur.	17	1	·87	20	·29
26	Tues.	18	**P**	·62	17	·10	25	Fri.	18	2	·82	21	·26
27	Wed.	19	1	·53	18	·04	26	Sat.	19	3	·79	22	·25
					19	·99	27	Sun.	20	4	·79	23	·26
28	Thur.	20	2	·45	20	·95	28	Mon.	21	5	·79	24	·29
29	Fri.	21	3	·38	21	·93	29	Tues.	22	*Bahula.* 6	·84	25	·35
30	Sat.	22	4	·35	22	·93	30	Wed.	23	7	·89	26	·42
31	Sun.	23	5	·32	23	·94	—31	Thur.	24	8	·97	27	·51
—32	Mon.	24	*Bahula.* 6	·31	24	·98	1	Fri.	25	...	..	1	·61
1	Tues.	25	7	·32	...	..	2	Sat.	26	9	·05	2	·72
2	Wed.	26	8	·36	25	·03	3	Sun.	27	10	·13	3	·83
3	Thur.	27	9	·41	26	·12	4	Mon.	28	11	·21	4	·93
4	Fri.	28	10	·48	27	·21	5	Tues.	29	12	·27	...	...
5	Sat.	29	11	·57	1	·31	6	Wed.	30	13	·33	5	·02
6	Sun.	30	12	·65	2	·42							
7	Mon.	31	13	·73	3	·52							

LUNAR reckoning.	
Muhammadan year, month and day.	
H. 393 *Rajab.*	25
	26
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H. 393 *Shaʻbān.*	
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Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1003. **Kollam 179,** { **N. Malabar—Aug.** **Hijra 394.** **Vikrama 1060.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 30.** **Bengal San. 409.**
P—Paurnimā. **(N. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Thur.	1	14 ·37	6 ·08	27	6	Wed.	1	2 ·10	14 ·66	1	7	Mon.	1	5 ·64	21 ·91	3
8	Fri.	2	—**A** 39	7 ·13	28	7	Thur.	2	3 ·01	15 ·59	2	8	Tues.	2	6 ·58	22 ·88	4
9	Sat.	3	1 ·37	8 ·17	—29				4 ·91			9	Wed.	3	7 ·55	23 ·87	5
10	Sun.	4	2 ·35	9 ·18	1	8	Fri.	3	5 ·81	16 ·52	3	10	Thur.	4	8 ·53	24 ·88	6
11	Mon.	5	3 ·31	10 ·17	2	9	Sat.	4	6 ·71	17 ·46	4	11	Fri.	5	9 ·53	25 ·91	7
12	Tues.	6	4 ·23	11 ·14	3	10	Sun.	5	7 ·61	18 ·39	5	12	Sat.	6	10 ·54	26 ·97	8
13	Wed.	7	5 ·15	12 ·09	4	11	Mon.	6	8 ·52	19 ·33	6	13	Sun.	7	11 ·59	... ...	9
14	Thur.	8	6 ·07	13 ·04	5	12	Tues.	7	9 ·45	20 ·28	7	14	Mon.	8	12 ·65	27 ·03	10
			7 ·98	14 ·98		13	Wed.	8	10 ·39	21 ·24	8	15	Tues.	9	13 ·72	1 ·12	11
15	Fri.	9	8 ·88	15 ·91	6	14	Thur.	9	11 ·35	22 ·23	9	16	Wed.	10	14 ·81	2 ·22	12
16	Sat.	10	9 ·78	16 ·84	7	15	Fri.	10	12 ·33	23 ·23	10	17	Thur.	11	**P** ·90	3 ·32	13
17	Sun.	11	10 ·68	17 ·77	8	16	Sat.	11	13 ·32	24 ·24	11	18	Fri.	12	1 ·59	4 ·44	14
18	Mon.	12	11 ·58	18 ·71	9	17	Sun.	12	14 ·34	25 ·28	12	19	Sat.	13	... ...	5 ·54	15
19	Tues.	13	12 ·49	19 ·66	10	18	Mon.	13	**P** ·38	26 ·34	13	20	Sun.	14	2 ·06	6 ·63	16
20	Wed.	14	13 ·41	20 ·62	11	19	Tues.	14	1 ·44	27 ·42	14	21	Mon.	15	3 ·12	7 ·70	17
21	Thur.	15	14 ·35	21 ·59	12	20	Wed.	15	2 ·52	1 ·52	15	22	Tues.	16	4 ·16	8 ·75	18
22	Fri.	16	**P** ·30	22 ·57	13	21	Thur.	16	3 ·61	2 ·62	16	23	Wed.	17	5 ·19	9 ·79	19
23	Sat.	17	1 ·28	23 ·58	14	22	Fri.	17	4 ·69	3 ·73	17	24	Thur.	18	6 ·18	10 ·80	20
24	Sun.	18	2 ·27	24 ·61	15	23	Sat.	18	5 ·76	4 ·83	18	25	Fri.	19	7 ·16	11 ·79	21
25	Mon.	19	3 ·28	25 ·66	16	24	Sun.	19	6 ·83	5 ·93	19	26	Sat.	20	8 ·13	12 ·76	22
26	Tues.	20	4 ·33	26 ·73	17	25	Mon.	20	7 ·90	... ...	20				9 ·06		
27	Wed.	21	5 ·38	27 ·81	18	26	Tues.	21	8 ·95	6 ·02	21	27	Sun.	21	10 ·98	13 ·72	23
28	Thur.	22	6 ·45	1 ·91	19	27	Wed.	22	9 ·96	7 ·08	22	28	Mon.	22	11 ·90	14 ·67	24
29	Fri.	23	7 ·53	... ...	20	28	Thur.	23	10 ·96	8 ·12	23	29	Tues.	23	12 ·82	15 ·61	25
30	Sat.	24	8 ·62	2 ·03	21	29	Fri.	24	11 ·94	9 ·14	24	—30	Wed.	24	13 ·73	16 ·55	26
31	Sun.	25	9 ·70	3 ·13	22	—30	Sat.	25	12 ·89	10 ·14	25	1	Thur.	25	14 ·63	17 ·48	27
32	Mon.	26	10 ·76	4 ·23	23	1	Sun.	26	13 ·83	11 ·14	26	2	Fri.	26	—**A** ·53	18 ·40	28
1	Tues.	27	11 ·82	5 ·32	24	2	Mon.	27	14 ·75	12 ·10	27	3	Sat.	27	1 ·43	19 ·34	29
2	Wed.	28	12 ·86	6 ·39	25	3	Tues.	28	—**A** ·67	13 ·05	28	4	Sun.	28	2 ·35	20 ·29	—30
3	Thur.	29	13 ·88	7 ·45	26					14 ·99		5	Mon.	29	3 ·28	21 ·24	1
4	Fri.	30	14 ·87	8 ·49	27	4	Wed.	29	1 ·58	15 ·93	29	6	Tues.	30	4 ·23	22 ·21	2
5	Sat.	31	—**A** ·85	9 ·50	28	5	Thur.	30	2 ·48	16 ·87	—30						
	Aug.						**Oct.**						**Dec.**				
6	Sun.	1	1 ·80	10 ·49	29	6	Fri.	1	3 ·38	17 ·80	1	7	Wed.	1	5 ·18	23 ·20	3
7	Mon.	2	2 ·74	11 ·47	—30	7	Sat.	2	4 ·28	18 ·73	2	8	Thur.	2	6 ·17	24 ·20	4
8	Tues.	3	3 ·67	12 ·43	1	8	Sun.	3	5 ·19	19 ·67	3	9	Fri.	3	7 ·17	25 ·23	5
9	Wed.	4	4 ·58	13 ·38	2	9	Mon.	4	6 ·10	20 ·61	4	10	Sat.	4	8 ·19	26 ·27	6
10	Thur.	5	5 ·48	14 ·32	3	10	Tues.	5	7 ·03	21 ·57	5	11	Sun.	5	9 ·23	27 ·34	7
11	Fri.	6	6 ·38	15 ·25	4				8 ·97			12	Mon.	6	10 ·29	1 ·42	8
12	Sat.	7	7 ·28	16 ·18	5	11	Wed.	6	9 ·93	22 ·56	6	13	Tues.	7	11 ·37	2 ·52	9
13	Sun.	8	8 ·18	17 ·11	6	12	Thur.	7	10 ·91	23 ·55	7	14	Wed.	8	12 ·45	3 ·63	10
14	Mon.	9	9 ·09	18 ·06	7	13	Fri.	8	11 ·91	24 ·56	8	15	Thur.	9	13 ·54	4 ·74	11
15	Tues.	10	10 ·00	19 ·00	8	14	Sat.	9	12 ·93	25 ·59	9	16	Fri.	10	14 ·63	5 ·84	
			11 ·91	20 ·95		15	Sun.	10	13 ·97	26 ·65	10	17	Sat.	11	**P** ·70	6 ·93	12
16	Wed.	11	12 ·85	21 ·91	9	16	Mon.	11	... ..	27 ·73	11	18	Sun.	12	1 ·77	... ...	13
17	Thur.	12	13 ·80	22 ·90	10	17	Tues.	12	14 ·03	1 ·82	12	19	Mon.	13	2 ·81	7 ·01	14
18	Fri.	13	14 ·79	23 ·91	11	18	Wed.	13	**P** ·11	2 ·92	13	20	Tues.	14	3 ·84	8 ·07	15
19	Sat.	14	**P** ·78	24 ·93	12	19	Thur.	14	1 ·19	... ...	14	21	Wed.	15	4 ·83	9 ·11	16
20	Sun.	15	1 ·80	25 ·97	13	20	Fri.	15	2 ·27	3 ·02	15	22	Thur.	16	5 ·81	10 ·12	17
21	Mon.	16	2 ·84	... ...	14	21	Sat.	16	3 ·37	4 ·13	16	23	Fri.	17	6 ·77	11 ·12	18
22	Tues.	17	3 ·89	26 ·03	15	22	Sun.	17	4 ·44	5 ·24	17	24	Sat.	18	7 ·70	12 ·09	19
23	Wed.	18	4 ·97	27 ·11	16	23	Mon.	18	5 ·49	6 ·32	18	25	Sun.	19	8 ·64	13 ·05	20
24	Thur.	19	... ...	1 ·22	17	24	Tues.	19	6 ·54	7 ·39	19					14 ·01	21
25	Fri.	20	5 ·05	2 ·32	18	25	Wed.	20	7 ·55	8 ·44	20	26	Mon.	20	9 ·55	15 ·95	22
26	Sat.	21	6 ·13	3 ·43	19	26	Thur.	21	8 ·55	9 ·48	21	27	Tues.	21	10 ·46	16 ·88	23
27	Sun.	22	7 ·21	4 ·53	20	27	Fri.	22	9 ·53	10 ·48	22	28	Wed.	22	11 ·37	17 ·81	24
28	Mon.	23	8 ·29	5 ·62	21	28	Sat.	23	10 ·50	11 ·46	23	—29	Thur.	23	12 ·27	18 ·74	25
29	Tues.	24	9 ·34	6 ·70	22	29	Sun.	24	11 ·43	12 ·43	24	1	Fri.	24	13 ·17	19 ·69	26
30	Wed.	25	10 ·39	7 ·77	23	—30	Mon.	25	12 ·36	13 ·39	25	2	Sat.	25	14 ·08	20 ·63	27
—31	Thur.	26	11 ·40	8 ·81	24	1	Tues.	26	13 ·28	14 ·33	26	3	Sun.	26	—**A** ·00	21 ·58	28
1	Fri.	27	12 ·39	9 ·82	25	2	Wed.	27	14 ·19	15 ·28	27				1 ·92		
2	Sat.	28	13 ·38	10 ·82	26	3	Thur.	28	—**A** ·09	16 ·21	28	4	Mon.	27	2 ·87	22 ·54	—29
3	Sun.	29	14 ·33	11 ·80	27				1 ·99			5	Tues.	28	3 ·83	23 ·52	1
4	Mon.	30	—**A** ·26	12 ·77	28	4	Fri.	29	2 ·89	17 ·14	—29	6	Wed.	29	4 ·82	24 ·53	2
5	Tues.	31	1 ·19	13 ·72	29	5	Sat.	30	3 ·80	18 ·07	1	7	Thur.	30	5 ·81	25 ·55	3
						6	Sun.	31	4 ·72	19 ·00	2	8	Fri.	31	6 ·85	26 ·58	4
										20 ·95							

Śobhana. **Karkataka—Ādi.** *Sukla.* *Bahula.* **Śrāvaṇa.** *H.* 393 *Ramazān.*

Śobhana. **Kanyā—Purattāśi.** *Sukla.* *Bahula.* **Āśvina.** *H.* 393 *Zi-l-ka'da.*

Śobhana. **Tulā—Aippaśi.** *Sukla.* *Bahula.* **Kārttika.** *H.* 393 *Zi-l-hijja.*

Śobhana. **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* **Mārgaśirsha.** *H.* 394 *Muharram.*

Śobhana. **Dhanus—Mārgali.** *Sukla.* *Bahula.* **Pausha.** *H.* 394 *Safar.*

Śobhana. **Makara—Tai.** *Sukla.*

Śobhana. **Simha—Āvani.** *Sukla.* *Bahula.* **Bhādrapada.** *H.* 393 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatah.

A.D. 1004. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·77.** **Śaka 926.** **Kaliyuga 4105.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·73.** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Sat.	1	7 ·89	27 ·64	5	10	Wed.	1	7 ·42	5 ·74	6	9	Mon.	1	9 ·73	11 ·74	8
10	Sun.	2	8 ·94	1 ·72	6	11	Thur.	2	8 ·50	6 ·85	7	10	Tues.	2	10 ·71	12 ·74	9
11	Mon.	3	... ...	2 ·83	7	12	Fri.	3	9 ·57	7 ·93	8	11	Wed.	3	11 ·67	13 ·72	10
12	Tues.	4	9 ·01	3 ·93	8	13	Sat.	4	10 ·62	... ...	9	12	Thur.	4	12 ·60	14 ·68	11
13	Wed.	5	10 ·10	... ...	9	14	Sun.	5	11 ·67	8 ·00	10	13	Fri.	5	13 ·52	15 ·64	12
14	Thur.	6	11 ·19	4 ·03	10	15	Mon.	6	12 ·68	9 ·05	11	14	Sat.	6	14 ·43	16 ·58	13
15	Fri.	7	12 ·27	5 ·14	11	16	Tues.	7	13 ·68	10 ·08	12	15	Sun.	7	P ·34	17 ·52	14
16	Sat.	8	13 ·35	6 ·23	12	17	Wed.	8	14 ·65	11 ·10	13	16	Mon.	8	1 ·24	18 ·45	15
17	Sun.	9	14 ·41	7 ·31	13	18	Thur.	9	P ·62	12 ·09	14	17	Tues.	9	2 ·13	19 ·38	16
18	Mon.	10	P ·45	8 ·38	14	19	Fri.	10	1 ·55	13 ·06	15				3 ·03		
19	Tues.	11	1 ·47	9 ·42	15					14 ·02		18	Wed.	10	4 ·93	20 ·32	17
20	Wed.	12	2 ·47	10 ·44	16	20	Sat.	11	2 ·47	15 ·96	16				5 ·84		
21	Thur.	13	3 ·45	11 ·44	17	21	Sun.	12	3 ·39	16 ·91	17	19	Thur.	11	6 ·76	21 ·26	18
22	Fri.	14	4 ·41	12 ·42	18	22	Mon.	13	4 ·29	17 ·84	18	20	Fri.	12	7 ·71	22 ·20	19
23	Sat.	15	5 ·35	13 ·40	19	23	Tues.	14	5 ·19	18 ·77	19	21	Sat.	13	8 ·66	23 ·17	20
24	Sun.	16	6 ·27	14 ·35	20				6 ·09			22	Sun.	14	9 ·61	24 14	21
25	Mon.	17	7 ·19	15 ·29	21	24	Wed.	15	7 ·99	19 ·70	20	23	Mon.	15	10 ·63	25 ·15	22
26	Tues.	18	8 ·10	16 ·22	22	25	Thur.	16	8 ·90	20 ·63	21	24	Tues.	16	11 ·66	26 ·16	23
			9 ·00			26	Fri.	17	9 ·82	21 ·59	22	25	Wed.	17	12 ·69	27 ·20	24
27	Wed.	19	10 ·90	17 ·15	23	27	Sat.	18	10 ·75	22 ·54	23	26	Thur.	18	13 ·74	1 ·26	25
28	Thur.	20	11 ·81	18 ·09	24	28	Sun.	19	11 ·68	23 ·51	24	27	Fri.	19	14 ·82	2 ·33	26
				19 ·02		29	Mon.	20	12 ·64	24 ·49	25	28	Sat.	20	A ·90	3 ·43	27
29	Fri.	21	12 ·72	20 ·96	25	30	Tues.	21	13 ·61	25 ·50	26	29	Sun.	21	1 ·99	4 ·53	28
30	Sat.	22	13 ·63	21 ·91	26	31	Wed.	22	14 ·61	26 ·52	27	30	Mon.	22	... ...	5 ·64	29
1	Sun.	23	14 ·56	22 ·87	27	1	Thur.	23	A ·63	27 ·53	28	31	Tues.	23	... ...	6 ·74	30
2	Mon.	24	A ·50	23 ·86	28	2	Fri.	24	1 ·67	1 ·64	29	1	Wed.	24	2 ·06	7 ·84	1
3	Tues.	25	1 ·46	24 ·85	29	3	Sat.	25	2 ·73	2 ·73	30	2	Thur.	25	3 ·13	8 ·93	2
4	Wed.	26	2 ·45	25 ·86	30	4	Sun.	26	3 ·80	3 ·82	1	3	Fri.	26	4 ·19	... ...	3
5	Thur.	27	3 ·44	26 ·90	1	5	Mon.	27	4 ·88	4 ·93	2	4	Sat.	27	5 ·21	9 ·00	4
6	Fri.	28	4 ·47	27 ·95	2	6	Tues.	28	5 ·97	... ...	3	5	Sun.	28	6 ·23	10 ·04	5
7	Sat.	29	5 ·51	... ...	3	7	Wed.	29	... ...	5 ·04	4	6	Mon.	29	7 ·22	11 ·06	6
8	Sun.	30	6 ·57	1 ·03	4	8	Thur.	30	6 ·05	6 ·15	5	7	Tues.	30	8 ·20	12 ·06	7
9	Mon.	31	7 ·64	2 ·12	5	9	Fri.	31	7 ·12	7 ·24	6	8	Wed.	31	9 ·15	13 ·05	8
		Feb.						**April.**						**June.**			
10	Tues.	1	8 ·72	3 ·23	6	10	Sat.	1	8 ·19	8 ·31	7					14 ·03	
11	Wed.	2	9 ·82	4 ·33	7	11	Sun.	2	9 ·21	9 ·36	8	9	Thur.	1	10 ·09	15 ·98	9
12	Thur.	3	10 90	5 ·44	8	12	Mon.	3	10 ·22	10 ·41	9				11 ·01		
13	Fri.	4	11 ·98	6 ·53	9	13	Tues.	4	11 ·22	11 ·42	10	10	Fri.	2	12 ·92	16 ·92	10
14	Sat.	5	: : ...	7 ·63	10	14	Wed.	5	12 ·19	12 ·41	11	11	Sat.	3	13 ·82	17 ·85	11
15	Sun.	6	12 ·03	8 ·69	11	15	Thur.	6	13 16	13 ·39	12	12	Sun.	4	14 ·72	18 ·78	12
16	Mon.	7	13 ·08	9 ·74	12	16	Fri.	7	14 ·09	14 ·35	13	13	Mon.	5	P ·62	19 ·72	13
17	Tues.	8	14 ·09	10 ·76	13				P ·02			14	Tues.	6	1 ·52	20 65	14
18	Wed.	9	P ·09	11 ·77	14	17	Sat.	8	1 ·93	15 ·31	14	15	Wed.	7	2 ·42	21 ·59	15
19	Thur.	10	1 ·06	12 ·76	15	18	Sun.	9	2 ·83	16 ·25	15	16	Thur.	8	3 ·32	22 ·54	16
			2 ·03			19	Mon.	10	3 ·73	17 ·18	16	17	Fri.	9	4 ·25	23 ·50	17
20	Fri.	11	3 ·97	13 ·73	16	20	Tues.	11	4 ·63	18 ·11	17	18	Sat.	10	5 ·19	24 ·48	18
21	Sat.	12	4 ·89	14 ·68	17					19 ·04		19	Sun.	11	6 ·14	25 ·47	19
22	Sun.	13	5 ·81	15 ·63	18	21	Wed.	12	5 ·53	20 ·97	18	20	Mon.	12	7 ·12	26 ·48	20
23	Mon.	14	6 ·71	16 ·56	19	22	Thur.	13	6 ·43	21 ·92	19	21	Tues.	13	8 ·11	27 ·51	21
24	Tues.	15	7 ·61	17 ·50	20	23	Fri.	14	7 ·35	22 ·87	20	22	Wed.	14	9 ·14	1 ·56	22
25	Wed.	16	8 ·51	18 ·43	21	24	Sat.	15	8 ·27	23 ·84	21	23	Thur.	15	10 ·17	2 64	23
26	Thur.	17	9 ·41	19 ·36	22	25	Sun.	16	9 ·21	24 ·82	22	24	Fri.	16	11 ·23	3 ·73	24
27	Fri.	18	10 .32	20 ·30	23	26	Mon.	17	10 ·16	25 ·82	23	25	Sat.	17	12 ·30	4 ·83	25
28	Sat.	19	11 ·24	21 ·24	24	27	Tues.	18	11 ·14	26 ·85	24	26	Sun.	18	13 ·37	5 ·94	26
29	Sun.	20	12 ·17	22 ·21	25	28	Wed.	19	12 ·14	27 ·89	25	27	Mon.	19	14 ·46	... ...	27
1	Mon.	21	13 ·11	23 ·18	26	29	Thur.	20	13 ·16	1 ·95	26	28	Tues	20	A ·54	6 ·04	28
2	Tues.	22	14 ·07	24 ·17	27	30	Fri.	21	14 ·20	... ...	27	29	Wed.	21	1 ·60	7 ·14	29
3	Wed.	23	A 05	25 ·18	28	31	Sat.	22	A 25	2 ·03	28	30	Thur.	22	2 66	8 ·24	1
4	Thur.	24	1 ·05	26 ·21	29	1	Sun.	23	1 ·33	3 12	29	31	Fri.	23	3 70	9 31	2
5	Fri.	25	2 07	27 26	1	2	Mon.	24	2 41	4 ·24	1	32	Sat.	24	4 ·71	10 35	3
6	Sat.	26	3 ·10	1 34	2	3	Tues.	25	3 ·49	5 34	2	1	Sun.	25	5 69	11 ·38	4
7	Sun.	27	4 ·17	2 43	3	4	Wed.	26	4 57	6 45	3	2	Mon.	26	6 ·67	12 ·39	5
8	Mon.	28	5 ·24	3 52	4	5	Thur.	27	5 ·63	7 ·54	4	3	Tues.	27	7 ·64	13 39	6
9	Tues.	29	6 ·33	4 ·63	5	6	Fri.	28	6 ·69	8 ·62	5	4	Wed.	28	8 ·59	14 ·36	7
						7	Sat.	29	7 ·73	9 ·69	6	5	Thur.	29	9 ·48	15 ·31	8
						8	Sun.	30	8 ·74	10 ·72	7	6	Fri.	30	10 ·40	16 ·26	9

Śobhana. Kumbha—Māśi. Śobhana. Mīna—Pañguni. Śobhana. Makara—Tai. Śobhana. Mīna—Pañguni. Krodhin. Mēsha—Chittirai. Krodhin. Mithuna—Āni. Krodhin. Kark—Ādi.

Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla.

Phālguna. Adhika. Vaiśākha. Adhika. Jyeshtha. Āsh.

H. 394 Rabi-ul ākhir. H. 394 Rabi-ul awwal. H. 394 Jamādā'l ākhir. H. 394 Jamādā'l awwal. H. 394 Shā'bān. H. 394 Rajab.

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1004. **Kollam 180,** { **N. Malabar—Aug.** **Hijra 395.** **Vikrama 1061.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 18.** **Bengal San. 410.**
P—Paurnimā. **(N. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sat.	1	11 30	17 19	10	7	Fri.	1	P 65	25 44	13	7	Wed.	1	... ...	4 34	15
8	Sun.	2	12 20	18 13	11	8	Sat.	2	1 63	26 44	14	8	Thur.	2	2 02	5 44	16
9	Mon.	3	13 09 / 14 99	19 06 / 20 99	12	9	Sun.	3	2 63	27 46	15	9	Fri.	3	3 11	6 54	17
10	Tues. ○	4	P 89	21 93	13	10	Mon.	4	3 65	1 50	16	10	Sat.	4	4 20	7 65	18
11	Wed.	5	1 79	22 87	14	11	Tues.	5	4 70	2 56	17	11	Sun.	5	5 28	8 76	19
12	Thur.	6	2 73	23 84	15	12	Wed.	6	5 75	3 64	18	12	Mon.	6	6 36	9 85	20
13	Fri.	7	3 67	24 81	16	13	Thur.	7	6 83	4 73	19	13	Tues.	7	7 42	10 92	21
14	Sat.	8	4 62	25 79	17	14	Fri.	8	7 91	5 84	20	14	Wed.	8	8 46	11 97	22
15	Sun.	9	5 60	26 80	18	15	Sat.	9	8 99	6 95	21	15	Thur.	9	9 47	... ...	23
16	Mon.	10	6 59	27 82	19	16	Sun.	10	... ...	... ...	22	16	Fri.	10	10 46	12 00	24
17	Tues.	11	7 61	1 88	20	17	Mon.	11	9 08	7 05	23	17	Sat.	11	11 45	13 01	25
18	Wed.	12	8 64	2 95	21	18	Tues.	12	10 15	8 15	24	18	Sun.	12	12 40	14 01 / 15 98	26
19	Thur.	13	9 71	... ...	22	19	Wed.	13	11 21	9 23	25	19	Mon.	13	13 35	16 94	27
20	Fri.	14	10 78	3 04	23	20	Thur.	14	12 21	10 30	26	20	Tues.	14	14 27	17 89	28
21	Sat.	15	11 86	4 13	24	21	Fri.	15	13 26	11 34	27	21	Wed.	15	A 19	18 82	29
22	Sun.	16	12 94	5 24	25	22	Sat.	16	14 25	12 36	28	22	Thur.	16	1 10	19 77	—30
23	Mon.	17	... ...	6 34	26	23	Sun.	17	A 22	13 36	29	23	Fri.	17	2 01 / 3 91	20 69	1
24	Tues.	18	13 02	7 45	27	24	Mon.	18	1 19	14 35	30	24	Sat.	18	4 81	21 62	2
25	Wed.	19	14 10	8 54	28	25	Tues.	19	2 13	15 32	1	25	Sun.	19	5 72	22 56	3
26	Thur. ●	20	A 15	9 61	29	26	Wed.	20	3 06 / 4 97	16 27	2	26	Mon.	20	6 63	23 50	4
27	Fri.	21	1 18	10 67	—30	27	Thur.	21	5 88	17 21	3	27	Tues.	21	7 57	24 46	5
28	Sat.	22	2 19	11 70	1	28	Fri.	22	6 78	18 15	4	28	Wed.	22	8 51	25 43	6
29	Sun.	23	3 19	12 72	2	29	Sat.	23	7 68	19 08	5	29	Thur.	23	9 47	26 42	7
30	Mon.	24	4 16	13 71	3	30	Sun.	24	8 58	20 01 / 21 95	6	1	Fri.	24	10 46	27 42	8
—31	Tues.	25	5 12	14 69	4	—31	Mon.	25	9 48	22 89	7	2	Sat.	25	11 45	1 44	9
1	Wed.	26	6 05 / 7 97	15 65	5	1	Tues.	26	10 40	23 83	8	3	Sun.	26	12 48	2 49	10
2	Thur.	27	8 89	16 59	6	2	Wed.	27	11 32	24 79	9	4	Mon.	27	13 52	3 56	11
3	Fri.	28	9 79	17 54	7	3	Thur.	28	12 27	25 77	10	5	Tues.	28	14 59	4 64	12
4	Sat.	29	10 69	18 47	8	4	Fri.	29	13 22	26 77	11	6	Wed.	29	P 66	5 74	13
5	Sun.	30	11 59	19 40	9	5	Sat.	30	14 21	27 78	12	7	Thur.	30	1 75	6 84	14
6	Mon.	31	12 49	20 33	10												
	Aug.						**Oct.**						**Dec.**				
7	Tues.	1	13 39	21 26	11	6	Sun.	1	P 20	1 81	13	8	Fri.	1	2 84	7 95	15
8	Wed.	2	14 30	22 22	12	7	Mon.	2	1 23	2 87	14	9	Sat.	2	3 92	... ...	16
9	Thur.	3	P 23	23 17	13	8	Tues.	3	2 28	3 94	15	10	Sun.	3	... ...	8 06	17
10	Fri.	4	1 16	24 13	14	9	Wed.	4	3 33	... ...	16	11	Mon.	4	4 00	9 15	18
11	Sat.	5	2 12	25 12	15	10	Thur.	5	4 41	4 04	17	12	Tues.	5	5 05	10 23	19
12	Sun	6	3 10	26 12	16	11	Fri.	6	5 49	5 14	18	13	Wed.	6	6 10	11 28	20
13	Mon.	7	4 10	27 14	17	12	Sat.	7	6 58	6 25	19	14	Thur.	7	7 11	12 32	21
14	Tues.	8	5 12	1 19	18	13	Sun.	8	7 66	7 35	20	15	Fri.	8	8 11	13 34	22
15	Wed.	9	6 16	2 25	19	14	Mon.	9	8 74	8 45	21	16	Sat.	9	9 09	14 34	23
16	Thur.	10	7 21	3 33	20	15	Tues.	10	9 80	9 54	22	17	Sun.	10	10 04 / 11 99	15 31	24
17	Fri.	11	8 28	4 43	21	16	Wed.	11	10 83	10 61	23	18	Mon.	11	12 92	16 27	25
18	Sat.	12	9 36	5 53	22	17	Thur.	12	11 85	11 66	24	19	Tues.	12	13 84	17 22	26
19	Sun.	13	10 45	6 65	23	18	Fri.	13	12 84	12 68	25	20	Wed.	13	14 74	18 17	27
20	Mon.	14	11 54	7 75	24	19	Sat.	14	13 82	13 69	26	21	Thur.	14	A 64	19 10	28
21	Tues.	15	12 61	8 84	25	20	Sun.	15	14 78	14 68	27	22	Fri.	15	1 54	20 03 / 21 96	—29
22	Wed.	16	13 67	9 92	26	21	Mon.	16	A 73	15 65	28	23	Sat.	16	2 45	22 90	1
23	Thur.	17	14 70	10 98	27	22	Tues.	17	1 65	16 61	—29	24	Sun.	17	3 36	23 85	2
24	Fri.	18	A 70	... ...	28	23	Wed.	18	2 56	17 55	1	25	Mon.	18	4 28	24 80	3
25	Sat.	19	1 70	11 03	—29	24	Thur.	19	3 46	18 49	2	26	Tues.	19	5 21	25 76	4
26	Sun.	20	2 67	12 04	1	25	Fri.	20	4 36	19 42	3	27	Wed.	20	6 15	26 74	5
27	Mon.	21	3 63	13 04	2	26	Sat.	21	5 26	20 36	4	28	Thur.	21	7 12	27 74	6
28	Tues.	22	4 57	14 02 / 15 98	3	27	Sun.	22	6 17	21 29	5	—29	Fri.	22	8 10	1 77	7
29	Wed.	23	5 50	16 94	4	28	Mon.	23	7 08	22 22	6	1	Sat.	23	9 10	2 80	8
30	Thur.	24	6 41	17 88	5	29	Tues	24	8 00 / 9 92	23 17	7	2	Sun.	24	10 12	3 86	9
—31	Fri.	25	7 31	18 81	6	—30	Wed.	25	10 88	24 12	8	3	Mon.	25	11 17	4 94	10
1	Sat.	26	8 21	19 74	7	1	Thur.	26	11 84	25 10	9	4	Tues.	26	12 23	... ...	11
2	Sun.	27	9 11	20 67	8	2	Fri.	27	12 82	26 09	10	5	Wed.	27	13 30	5 04	12
3	Mon.	28	10 01 / 11 92	21 61	9	3	Sat.	28	13 81	27 10	11	6	Thur.	28	14 39	6 14	13
4	Tues.	29	12 83	22 55	10	4	Sun.	29	14 85	1 13	12	7	Fri. ○	29	P 48	7 26	14
5	Wed.	30	13 75	23 50	11	5	Mon	30	P 89	2 18	13	8	Sat.	30	1 57	8 36	15
6	Thur.	31	14 70	24 46	12	6	Tues.	31	1 95	3 25	14	9	Sun.	31	2 65	9 45	16

Krodhin. **Karkataka—Ādi.** Bahula. **Āshāḍha.** Śukla. *H. 394 Ramazān.*
Krodhin. **Simha—Avāni.** Bahula. **Śrāvana.** Śukla. *H. 394 Shavvāl.*
Krodhin. **Kanyā—Pur.** Bahula. **Bhādrapada.** Śukla. *H 394 Zi-l-ka'da.*
Krodhin. **Kanyā—Purattāśi.** Bahula. **Āśvina.** Śukla. *H. 394 Zi-l-hijja.*
Krodhin. **Tulā—Aippaśi.** Bahula. **Kārttika.** Śukla. *H. 395 Muharram.*
Krodhin. **Vṛśchika—Kārttigai.** Bahula. **Mārgaśirsha.** Śukla. *H. 395 Śafar.*
Krodhin. **Dhanus—Mārgali.** Bahula. **Pausha.** Śukla *H. 395 Rabi-ul awwal.*
Krodhin. **Makara—Tai.** Bahula. **Kārttika.** Śukla. *H. 395 Muharram.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1005.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 23·03.
(Arya Sid.) March 22·99.

Śaka 927.

Kaliyuga 4106.
(S. Cycle) Viśvāvasu.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Krodhin. **Makara—Tai.**			*Bahula.* **Pausha.**			Krodhin. **Mīna—Phālguni.**			*Bahula.* **Phāl.**			Viśvāvasu. **Vrishabha—Vaigāśi.**			*Bahula.*		
	Mon.	1	3 ·70	10 ·53	17		Thur.	1	3 ·95	14 ·31	17		Tues.	1	5 ·54	21 ·66	19
	Tues.	2	4 ·74	11 59	18		Fri.	2	4 ·91	15 ·31	18		Wed.	2	6 ·44	22 ·59	20
	Wed.	3	5 ·75	12 ·64	19		Sat.	3	5 ·85	16 ·28	19		Thur.	3	7 ·34	23 ·53	21
	Thur.	4	6 ·76	13 ·66	20		Sun.	4	6 ·78	17 ·24	20		Fri.	4	8 ·24	24 ·48	22
	Fri.	5	7 ·78	14 ·66	21		Mon.	5	7 ·69	18 ·18	21		Sat.	5	9 ·15	25 ·42	23
	Sat.	6	8 ·69	15 ·64	22		Tues.	6	8 ·59	19 ·12	22		Sun.	6	10 ·09	26 ·39	24
	Sun.	7	9 ·64	16 ·61	23					20 ·05					11 ·03		
	Mon.	8	10 ·57	17 ·57	24		Wed.	7	9 ·49	21 ·99	23		Mon.	7	12 ·99	27 ·36	25
	Tues.	9	11 ·48	18 ·51	25		Thur.	8	10 ·39	22 ·92	24		Tues.	8	13 ·96	1 ·36	26
	Wed.	10	12 39	19 44	26		Fri.	9	11 ·29	23 ·85	25		Wed.	9	14 ·96	2 38	27
	Thur.	11	13 2?	20 ·37	27		Sat.	10	12 ·20	24 ·80	26		Thur.	10	**A** ·98	3 ·42	28
	Fri.	12	14 ·19	21 ·30	28		Sun.	11	13 ·11	25 ·75	27		Fri.	11	.. ..	4 ·48	29
			A 09						14 ·04				Sat.	12	1 ·01	5 ·55	—30
	Sat. ●13		1 ·99	22 ·24	29		Mon.	12	**A** ·99	26 ·73	28		Sun.	13	2 ·08	6 ·64	1
	Sun.	14	2 ·92	23 ·13	—30		Tues.	13	1 ·95	27 ·71	29		Mon.	14	3 ·15	7 ·75	2
	Mon	15	3 ·85	24 ·13	1		Wed.	14	2 ·93	1 ·72	—30		Tues.	15	4 ·23	8 ·86	3
	Tues.	16	4 ·79	25 ·09	2		Thur.	15	3 ·92	2 ·74	1		Wed.	16	5 ·31	9 ·97	4
	Wed	17	5 ·75	25 ·07	3		Fri.	16	4 ·95	3 ·79	2		Thur.	17	6 ·39	... ...	5
	Thur.	18	6 ·74	27 06	4		Sat.	17	5 ·99	4 ·86	3		Fri.	18	7 ·46	10 ·06	6
	Fri.	19	7 ·74	1 ·08	5		Sun.	18	.. ..	5 ·95	4		Sat.	19	8 ·50	11 ·14	7
	Sat.	20	8 ·76	2 ·12	6		Mon.	19	6 ·04	...	5		Sun.	20	9 ·54	12 ·21	8
	Sun.	21	9 ·81	3 ·17	7		Tues.	20	7 ·12	6 ·04	6		Mon.	21	10 ·55	13 ·26	9
	Mon.	22	10 ·86	4 ·25	8		Wed.	21	8 20	7 ·15	7		Tues.	22	11 ·55	14 ·28	10
	Tues.	23	11 ·94	5 ·34	9		Thur.	22	9 ·29	8 ·26	—30		Wed.	23	12 ·51	15 ·28	11
	Wed.	24	... ...	6 ·45	10		Fri.	23	10 ·37	9 ·37	1		Thur.	24	13 ·47	16 ·27	12
	Thur.	25	12 ·03	7 ·55	11		Sat.	24	11 ·44	10 ·46	2		Fri.	25	14 ·40	17 ·23	13
	Fri.	26	13 ·11	8 ·66	12		Sun.	25	12 ·49	11 ·53	3		Sat.	26	**P** ·31	18 ·20	14
	Sat.	27	14 ·19	9 76	13		Mon.	26	13 ·52	12 ·58	4		Sun.	27	1 ·22	19 ·14	15
	Sun.	28	**P** ·27	10 ·84	14		Tues.	27	14 ·54	13 ·62	5		Mon.	28	2 ·13	20 ·07	16
	Mon.	29	1 ·31	11 ·91	15		Wed.	28	**P** ·53	14 ·64	6				3 ·03	21 ·00	
	Tues.	30	2 ·37	12 ·96	16		Thur.	29	1 ·51	15 ·63	7		Tues.	29	4 ·93	22 ·93	17
	Wed.	31	3 ·39	13 ·98	17		Fri.	30	2 ·46	16 ·61	8		Wed.	30	5 ·83	23 ·87	18
					H. 395 *Sha'bān.*		Sat.	31	3 ·41	17 ·57	9		Thur.	31	6 ·78	24 ·81	19
	Feb.						**April.**						**June.**				
Krodhin. **Kumbha—Māśi.**			*Bahula.*			Viśvāvasu. **Mēsha—Chittirai.**			*Bahula.*			Viśvāvasu. **Mithuna—Āni.**			*Bahula.*		
	Thur.	1	4 ·38	14 ·99	18		Sun.	1	4 ·32	18 ·52	18		Fri.	1	7 ·65	25 ·76	20
	Fri.	2	5 ·35	15 ·97	19		Mon.	2	5 ·23	19 ·46	19		Sat.	2	8 ·57	26 ·72	21
	Sat.	3	6 ·32	16 ·95	20		Tues.	3	6 13	20 ·40	20		Sun.	3	9 ·51	27 ·69	22
	Sun.	4	7 ·26	17 ·90	21		Wed.	4	7 ·03	21 ·33	21		Mon.	4	10 ·47	1 ·69	23
	Mon.	5	8 ·19	18 ·85	22				8 ·93				Tues.	5	11 ·44	2 ·70	24
	Tues.	6	9 ·10	19 ·78	23		Thur.	5	9 ·83	22 ·26	22		Wed.	6	12 ·44	3 ·73	25
			10 ·00				Fri.	6	10 ·74	23 ·19	23		Thur.	7	13 ·46	4 ·78	26
	Wed.	7	11 ·90	20 ·71	24		Sat.	7	11 ·65	24 ·13	24		Fri.	8	14 ·50	5 ·85	27
	Thur.	8	12 ·80	21 ·65	25		Sun.	8	12 5?	25 ·09	25		Sat.	9	**A** ·56	6 ·94	28
	Fri.	9	13 71	22 ·58	26		Mon.	9	13 ·53	26 ·06	26		Sun.	10	1 ·63	... ...	—29
	Sat.	10	14 ·62	23 ·52	27		Tues.	10	14 ·47	27 ·04	27		Mon.	11	2 ·71	7 ·05	1
	Sun.	11	**A** ·54	24 ·46	28		Wed.	11	**A** ·43	1 ·04	28		Tues.	12	3 ·79	8 ·16	2
	Mon.	12	1 ·46	25 ·42	—29		Thur.	12	1 ·45	2 ·06	—29		Wed.	13	4 ·88	9 ·26	3
	Tues.	13	2 ·41	26 ·39	1		Fri.	13	2 ·48	3 ·11	1		Thur.	14	5 ·94	10 ·36	4
	Wed	14	3 ·36	27 ·39	2		Sat.	14	3 ·52	4 ·17	2		Fri.	15	6 ·99	11 ·45	5
	Thur.	15	4 ·35	1 ·40	3		Sun.	15	4 ·58	5 ·25	3		Sat.	16	.. ...	12 ·53	6
	Fri.	16	5 ·34	2 ·43	4		Mon.	16	5 ·65	6 ·34	4		Sun.	17	7 ·02	13 ·57	7
	Sat.	17	6 ·37	3 ·48	5		Tues.	17	6 ·74	7 ·45	5		Mon.	18	8 ·08	14 ·60	8
	Sun.	18	7 ·42	4 ·55	6		Wed.	18	7 ·82	8 56	6				9 ·02		
	Mon.	19	8 ·47	5 ·65	7		Thur.	19	8 ·90	9 ·67	7		Tues.	19	10 ·99	15 ·61	9
	Tues.	20	9 ·55	6 ·75	8		Fri.	20	9 ·97	10 ·76	8		Wed.	20	11 ·95	16 ·60	10
	Wed.	21	10 ·63	7 ·85	9		Sat.	21	..	11 ·84	9		Thur.	21	12 ·87	17 ·58	11
	Thur.	22	11 ·72	8 ·96	10		Sun.	22	10 ·01	12 ·90	10		Fri.	22	13 ·79	18 ·53	12
	Fri.	23	12 ·80	.. ...	11		Mon.	23	11 ·05	13 ·93	11		Sat.	23	14 ·71	19 ·48	13
	Sat.	24	13 ·87	9 ·06	12		Tues.	24	12 ·06	14 ·96	12		Sun ○	24	**P** ·62	20 ·41	14
	Sun.	25	14 ·93	10 15	13		Wed.	25	13 ·06	15 ·96	13		Mon.	25	1 ·52	21 ·34	15
	Mon.	26	**P** ·96	11 22	14				14 03				Tues.	26	2 ·41	22 ·28	16
	Tues.	27	1 ·98	12 ·27	15		Thur.	26	**P** ·97	16 ·94	14		Wed.	27	3 31	23 21	17
	Wed.	28	2 ·97	13 ·30	16		Fri.	27	1 ·91	17 ·90	15		Thur.	28	4 ·21	24 ·15	18
							Sat.	28	2 ·83	18 ·85	16		Fri.	29	5 ·13	25 ·09	19
							Sun.	29	3 75	19 80	17				6 ·05		
							Mon.	30	4 ·64	20 ·74	18		Sat.	30	7 ·99	26 ·05	20

					H. 395 *Jumāda'l awwal.*						H. 395 *Jumāda'l ākhir.*						H. 395 *Rajab.*
					H. 395 *Jumāda'l ākhir.*						H. 395 *Rajab.*						H. 395 *Sha'bān.*
					H. 395 *Rajab.*						H. 395 *Sha'bān.*						H. 395 *Ramadān.*
					H. 395 *Sha'bān.*						H. 395 *Ramadān.*						H. 395 *Shawwāl.*

Naksh.—1. Aśvin. 2. Bhar 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27 Rev.

A.D. 1005. **Kollam 181,** { **N. Malabar—Aug.** **Hijra 396.** **Vikrama 1062.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 8.** **Bengal San. 411.**
P—Paurnimā. **(N. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sun.	1	8 ·94	27 ·02	21	7	Sat.	1	Bahula. 10 ·14	... ...	24	7	Thur.	1	12 ·75	13 ·14	25
8	Mon.	2	9 ·92	1 ·01	22	8	Sun.	2	11 ·23	8 ·05	25	8	Fri.	2	13 ·76	14 ·19	26
9	Tues.	3	Bahula. 10 ·92	2 ·02	23	9	Mon.	3	12 ·32	9 ·17	26	9	Sat.	3	14 ·76	15 ·22	27
10	Wed.	4	11 ·93	3 ·04	24	10	Tues.	4	13 ·39	10 ·27	27	10	Sun.	4	—A ·73	16 ·23	28
11	Thur.	5	12 ·93	4 ·09	25	11	Wed.	5	14 ·46	11 ·37	28	11	Mon.	5	1 ·68	17 ·22	29
12	Fri.	6	... ...	5 ·16	26	12	Thur.	6	—A ·51	12 ·45	29	12	Tues.	6	2 ·63	18 ·20	—30
13	Sat.	7	13 ·04	6 ·25	27	13	Fri.	7	1 ·55	13 ·51	—30	13	Wed.	7	3 ·56	19 ·16	1
14	Sun.	8	14 ·11	7 ·35	28	14	Sat.	8	2 ·56	14 ·56	1	14	Thur.	8	4 ·47	20 ·11	2
15	Mon.	9	—A ·19	8 ·46	29	15	Sun.	9	3 ·55	15 ·58	2	15	Fri.	9	5 ·38	21 ·04 / 22 ·97	3
16	Tues.	10	1 ·27	9 ·56	—30	16	Mon.	10	4 ·53	16 ·58	3						
17	Wed.	11	2 ·36	10 ·66	1	17	Tues.	11	5 ·48	17 ·56	4	16	Sat.	10	6 ·28	23 ·91	4
18	Thur.	12	3 ·42	11 ·76	2	18	Wed	12	Sukla. 6 ·42	18 ·53	5	17	Sun.	11	7 ·18	24 ·84	5
19	Fri.	13	4 ·47	12 ·83	3	19	Thur.	13	7 ·34	19 ·48	6	18	Mon.	12	8 ·09	25 ·78	6
20	Sat.	14	5 ·50	13 ·89	4	20	Fri.	14	8 ·26	20 ·43	7				9 ·00		
21	Sun.	15	Sukla. 6 ·52	14 ·92	5	21	Sat.	15	9 16	21 ·37	8	19	Tues.	13	10 ·91	26 ·72	7
22	Mon.	16	7 ·50	15 ·93	6	22	Sun.	16	10 ·03	22 ·30	9	20	Wed.	14	11 ·85	27 ·67	8
23	Tues.	17	8 ·48	16 ·93	7				11 ·96			21	Thur.	15	12 ·80	1 ·64	9
24	Wed.	18	9 ·43	17 ·91	8	23	Mon.	17	12 ·87	23 ·23	10	22	Fri.	16	13 ·75	2 ·64	10
25	Thur.	19	10 ·35	18 ·87	9	24	Tues.	18	13 ·78	24 ·16	11	23	Sat.	17	14 ·74	3 ·64	11
26	Fri.	20	11 ·29	19 ·81	10	25	Wed.	19	14 ·69	25 ·11	12	24	Sun.	18	P ·75	4 ·66	12
27	Sat.	21	12 ·20	20 ·75	11	26	Thur.	20	P 63	26 ·05	13	25	Mon.	19	1 ·76	5 ·70	13
28	Sun.	22	13 ·10 / 14 ·99	21 ·69	12	27	Fri.	21	Āśvina. 1 ·57	27 ·01 / 1 ·99	14	26	Tues.	20	2 ·81	6 ·77	14
29	Mon.	23	P ·89	22 ·62	13	28	Sat.	22	2 ·53	2 ·93	15	27	Wed.	21	3 ·88	7 ·86	15
30	Tues.	24	1 ·79	23 ·55	14	29	Sun.	23	3 ·51	.. ..	16	28	Thur.	22	4 ·96	8 ·98	16
—31	Wed.	25	2 ·69	24 ·48	15	30	Mon.	24	4 ·50	3 ·00	17	—29	Fri.	23	.. ...	.. ...	17
1	Thur.	26	3 ·61	25 ·43	15	—31	Tues.	25	5 ·53	4 ·03	18	1	Sat.	24	5 ·04	9 ·06	18
2	Fri.	27	4 ·54	26 ·38	17	1	Wed.	26	Bahula. 6 ·57	5 ·09	19	2	Sun.	25	Bahula. 6 ·13	10 ·17	19
3	Sat.	28	5 ·48	27 ·35	18	2	Thur.	27	7 ·64	6 ·16	20	3	Mon.	26	7 ·22	11 ·27	20
4	Sun.	29	6 ·43	1 ·34	19	3	Fri.	28	8 ·71	7 ·25	21	4	Tues.	27	8 ·29	12 ·37	21
5	Mon.	30	7 ·42	2 ·34	20	4	Sat.	29	9 ·80	8 ·36	22	5	Wed.	28	9 ·36	13 ·45	22
6	Tues.	31	8 ·41	3 ·36	21	5	Sun.	30	10 ·88	9 ·47	23	6	Thur.	29	10 ·39	14 ·50	23
	Aug.						**Oct.**					7	Fri.	30	11 ·40	15 ·54	24
7	Wed.	1	9 ·44	4 ·40	22	6	Mon.	1	11 ·96	10 ·57	24		**Dec.**				
8	Thur.	2	Phalgu. 10 ·48	5 ·47	23	7	Tues.	2	.. ...	11 ·67	25	8	Sat.	1	12 ·40	16 ·55	25
9	Fri.	3	11 ·51	6 ·55	24	8	Wed.	3	12 ·04	12 ·75	26	9	Sun.	2	13 ·37	17 ·56	26
10	Sat.	4	12 ·61	7 ·65	25	9	Thur.	4	13 ·09	13 ·82	27	10	Mon.	3	14 ·33	18 ·53	27
11	Sun.	5	13 ·69	8 ·75	23	10	Fri.	5	14 ·14	14 ·88	28	11	Tues.	4	—A ·27	19 ·49	28
12	Mon.	6	14 ·78	9 ·85	27	11	Sat.	6	—A ·14	15 ·90	29	12	Wed.	5	1 ·20	20 ·44	—29
13	Tues.	7	—A ·86	10 ·97	28	12	Sun.	7	1 ·14	16 ·91	—30	13	Thur.	6	2 ·12	21 ·38	1
14	Wed.	8	1 ·93	.. ..	—29	13	Mon.	8	2 ·11	17 ·89	1	14	Fri.	7	3 ·03 / 4 ·93	22 ·32	2
15	Thur.	9	2 ·98	11 ·07	1	14	Tues.	9	3 07	18 86	2	15	Sat.	8	5 83	23 ·25	3
16	Fri.	10	Sukla.	12 ·14	2	15	Wed.	10	4 ·01	19 ·83	3	16	Sun.	9	6 ·73	24 ·18	4
17	Sat.	11	3 ·01	13 ·20	3				5 ·93			17	Mon.	10	7 ·63	25 ·11	5
18	Sun.	12	4 ·02	14 24	4	16	Thur.	11	6 ·85	20 ·77	4	18	Tues.	11	8 ·55	26 ·06	6
19	Mon.	13	5 ·01 / 6 ·99	15 ·26	5	17	Fri.	12	Sukla. 7 ·75	21 ·71	5	19	Wed.	12	Sukla. 9 ·48	27 ·01 / 1 ·98	7
20	Tues.	14	7 ·94	16 ·23	6	18	Sat.	13	8 ·65	22 ·64	6						
21	Wed.	15	8 ·83	17 ·24	7	19	Sun.	14	9 ·55	23 57	7	20	Thur.	13	10 ·43	2 ·96	8
22	Thur.	16	9 ·80	18 ·20	8	20	Mon.	15	10 ·43	24 ·51	8	21	Fri.	14	11 ·39	3 ·96	9
23	Fri.	17	10 ·71	19 ·15	9	21	Tues.	16	11 ·37	25 ·44	9	22	Sat.	15	12 ·39	4 ·98	10
24	Sat.	18	11 ·61	20 ·09	10	22	Wed.	17	12 28	26 ·39	10	23	Sun.	16	13 ·39	.. ...	11
25	Sun.	19	12 ·51	21 03 / 22 ·96	11	23	Thur.	18	13 ·22	27 ·34	11	24	Mon.	17	14 ·40	5 ·02	12
26	Mon.	20	13 ·41	23 ·89	12	24	Fri.	19	14 ·16	1 31	12	25	Tues.	○18	P ·46	6 ·03	13
27	Tues.	21	14 ·31	24 ·82	13	25	Sat.	20	P ·13	2 ·31	13	26	Wed.	19	Pausha. 1 53	7 ·16	14
28	Wed.	22	P ·22	25 ·76	14	26	Sun.	21	1 ·11	3 32	14	27	Thur.	20	2 ·60	8 ·26	15
29	Thur.	23	1 ·13	26 ·72	15	27	Mon.	22	2 ·12	4 35	15	28	Fri.	21	3 ·69	9 ·36	16
30	Fri.	24	2 ·07	27 ·68	16	28	Tues	23	3 ·13	5 ·40	16	29	Sat.	22	4 ·78	10 ·47	17
—31	Sat.	25	3 ·01 / 4 ·95	1 ·66	17	29	Wed.	24	4 ·18	6 ·46	17	—30	Sun.	23	5 ·85	11 53	18
1	Sun.	26	Bahula. 5 ·95	2 ·63	18	—30	Thur.	25	5 ·25	7 ·56	18	1	Mon.	24	6 ·93	12 ·67	19
2	Mon.	27	6 ·94	3 ·67	19	1	Fri.	26	Bahula. 6 32	8 ·66	19	2	Tues.	25	Bahula.	13 75	20
3	Tues.	28	7 ·97	4 ·72	20	2	Sat	27	7 ·40	9 ·76	20	3	Wed.	26	7 ·00	14 ·81	21
4	Wed.	29	... ...	5 ·78	21	3	Sun	28	8 ·49	10 ·87	21	4	Thur.	27	8 ·03	15 85	22
5	Thur.	30	8 ·01	6 ·86	22	4	Mon.	29	9 ·58	11 ·97	22	5	Fri.	28	9 ·05	16 ·88	23
6	Fri.	31	9 ·07	7 ·95	23	5	Tues.	30	10 ·65	.. ...	23	6	Sat.	29	10 ·04	17 ·88	24
						6	Wed.	31	11 ·71	12 ·06	24	7	Sun.	30	11 ·02 / 12 ·97	18 ·86	25
												8	Mon.	31	13 92	19 ·83	26

Vaiśākha—Jyeshṭha. Śrāvaṇa—Bhādrapada. Āśvina—Kārttika. Mārgaśīrsha—Pausha. Māgha—Phālguna.
Viśākha—Anurādha. Jyeshṭha—Mūla. Pūrvāshāḍha—Uttarāshāḍha. Śravaṇa—Dhanishṭhā. Śatabhishaj—Pūrvabhādrapada. Uttarabhādrapada—Revatī.
Kārttika—Bharaṇī. Mṛgaśīrsha—Ārdrā. Punarvasu—Pushya. Āśleshā—Maghā. Pūrvaphalguni—Uttaraphalguni.
Hasta—Chitrā. Svāti—Viśākhā. Anurādha—Jyeshṭha. Mūla—Pūrvāshāḍha. Uttarāshāḍha—Śravaṇa. Dhanishṭhā—Śatabhishaj. Pūrvabhādrapada—Uttarabhādrapada. Revatī—Aśvinī. Bharaṇī—Kṛttikā. Rohiṇī—Mṛgaśīrsha.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1006. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·29.** **Śaka 928.** **Kaliyuga 4107.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·25.** **(S. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
Vishvasu.			*Sukla.*			*Vishvasu.*			*Bahula.*			*Parābhava.*			*Sukla.*		
Makara—Tai.	9	Tues. 1	14 ·84	20 ·78	27	**Mīna—Pāṅguni.**	9	Fri. 1	14 ·69	24 ·20	27	**Vṛishabha—Vaigāśi.**	9	Wed. 1	1 ·29	4 58	29
	10	Wed. 2	—**A** ·75	21 ·72	28		10	Sat. 2	—**A** ·59	25 14	28		10	Thur. 2	2 ·27	5 ·59	—30
	11	Thur. 3	1 ·66	22 ·66	29		11	Sun. 3	1 ·50	26 ·07	29		11	Fri. 3	3 ·27	6 ·63	1
	12	Fri. 4	2 ·56	23 ·59	—30		12	Mon. 4	2 ·41	27 ·02 } 1 ·97 }	—30		12	Sat. 4	4 ·29	7 ·70	2
	13	Sat. 5	3 ·46	24 ·52	1		13	Tues. 5	3 ·34	2 ·94	1		13	Sun. 5	5 ·34	8 ·77	3
	14	Sun. 6	4 ·36	25 ·45	2		14	Wed. 6	4 ·28	3 ·93	2		14	Mon. 6	6 ·39	9 ·86	4
	15	Mon. 7	5 ·28	26 ·39	3		15	Thur. 7	5 ·25	4 ·94	3		15	Tues. 7	7 ·47	10 ·97	5
	16	Tues. 8	6 ·20	27 ·35	4		16	Fri. 8	6 ·23	5 ·96	4		16	Wed. 8	8 ·56	... ...	6
	17	Wed. 9	*Sukla.* 7 ·12	1 ·31	5		17	Sat. 9	*Sukla.* 7 ·24	... ...	5		17	Thur. 9	9 ·64	11 ·07	7
	18	Thur. 10	8 ·07	2 ·28	6		18	Sun. 10	8 ·26	6 ·01	6		18	Fri. 10	10 ·72	12 ·19	8
	19	Fri. 11	9 ·04	3 ·28	7		19	Mon. 11	9 ·30	7 ·07	7		19	Sat. 11	11 ·78	13 ·28	9
	20	Sat. 12	10 ·03	4 ·29	8		20	Tues. 12	10 ·36	8 ·17	8		20	Sun. 12	12 ·83	14 ·36	10
	21	Sun. 13	11 ·04	5 ·34	9		21	Wed. 13	11 ·43	9 ·26	9		21	Mon. 13	13 ·86	15 ·43	11
	22	Mon. 14	12 ·05	6 ·39	10		22	Thur. 14	12 ·52	10 ·37	10		22	Tues. 14	14 ·88	16 ·47	12
	23	Tues. 15	13 ·10	7 ·47	11		23	Fri. 15	**Chaitra.** 13 ·61	11 ·48	11		23	Wed. 15	**P** ·86	17 ·50	13
	24	Wed. 16	14 ·17	8 ·56	12		24	Sat. 16	14 ·69	12 ·58	12		24	Thur. 16	1 ·83	18 ·50	14
	25	Thur. 17	**P** ·24	9 ·66	13		25	Sun. 17	**P** ·76	13 ·67	13		25	Fri. 17	2 ·78	19 ·49	15
	26	Fri. 18	1 ·32	10 ·77	14		26	Mon. 18	1 ·81	14 ·75	14		26	Sat. 18	3 ·70	20 ·45	16
	27	Sat. 19	2 ·41	11 ·88	15		27	Tues. 19	2 ·85	15 ·80	15		27	Sun. 19	4 ·62	21 ·41	17
	28	Sun. 20	3 ·50	12 ·98	16		28	Wed. 20	3 ·85	16 ·84	16		28	Mon. 20	5 ·53	22 ·36	18
—29		Mon. 21	4 ·58	... ...	17		29	Thur. 21	4 ·84	17 ·85	17		29	Tues. 21	6 ·43	23 ·29	19
1		Tues. 22	5 ·63	13 ·06	18		—30	Fri. 22	5 ·80	18 ·84	18		30	Wed. 22	7 ·33	24 ·22	*H.* 396 20
2		Wed. 23	6 ·67	14 ·12	19		1	Sat. 23	*Bahula.* 6 ·76	19 ·83	*H.* 396 19		31	Thur. 23	8 ·23	25 ·15	21
3		Thur. 24	*Bahula.* 7 ·69	15 ·18	20		2	Sun. 24	7 ·69	20 ·79	20		—32	Fri. 24	9 ·13	26 ·08	22
4		Fri. 25	8 ·67	16 ·20	21		3	Mon. 25	8 ·62	21 ·74	21		1	Sat. 25	{ 10 ·04	27 ·02 } { 11 ·95	1 ·98 }	23
5		Sat. 26	9 ·65	17 ·21	22		4	Tues. 26	9 ·53	22 ·67	22		2	Sun. 26	12 ·87	2 ·94	24
6		Sun. 27	10 ·60	18 ·19	23		5	Wed. 27	10 ·43	23 ·61	23		3	Mon. 27	13 ·81	3 ·91	25
7		Mon. 28	11 ·55	19 ·16	24		6	Thur. 28	11 ·33	24 ·55	24		4	Tues. 28	14 ·77	4 ·90	26
8		Tues. 29	12 ·47	20 ·11	25		7	Fri. 29	12 ·23	25 ·48	25		5	Wed. 29	—**A** ·76	5 ·91	27
9		Wed. 30	13 ·39	21 ·06	26		8	Sat. 30	13 ·13	26 ·41	26		6	Thur. 30	1 ·75	6 ·95	28
10		Thur. 31	14 ·29	22 ·00 } 23 ·93 }	27		9	Sun. 31	{ 14 ·04 { **A** ·95	27 ·35	27		7	Fri. 31	2 ·78	... ...	—29
		Feb.						**April.**						**June.**			
Vishvasu.						*Parābhava.*			*Sukla.*			*Parābhava.*					
Kumbha—Māśi.	11	Fri. 1	—**A** ·19	24 ·86	28	**Mēsha—Chittirai.**	10	Mon. 1	1 ·87	1 ·30	28	**Mithuna—Ani.**	8	Sat. 1	3 ·82	7 ·00	1
	12	Sat. 2	1 ·09	25 ·79	—29		11	Tues. 2	2 ·82	2 ·28	— 29		9	Sun. 2	4 ·86	8 ·08	2
	13	Sun. 3	{ 2 ·00 { 3 ·91	26 ·74	1		12	Wed. 3	3 ·79	3 ·26	1		10	Mon. 3	5 ·94	9 ·16	3
	14	Mon. 4	4 ·82	27 ·68	2		13	Thur. 4	4 ·77	4 ·26	2		11	Tues. 4	... ...	10 ·26	4
	15	Tues. 5	5 ·75	1 ·64	3		14	Fri. 5	5 ·78	5 ·28	3		12	Wed. 5	6 ·03	11 ·38	5
	16	Wed. 6	*Sukla.* 6 ·69	2 ·61	4		15	Sat. 6	*Sukla.* 6 ·81	6 ·32	4		13	Thur. 6	7 ·12	12 ·49	6
	17	Thur. 7	7 ·66	3 ·60	5		16	Sun. 7	7 ·85	7 ·38	5		14	Fri. 7	8 ·19	13 ·58	7
	18	Fri. 8	8 ·64	4 ·62	6		17	Mon. 8	8 ·90	8 ·47	6		15	Sat. 8	9 ·26	14 ·67	8
	19	Sat. 9	9 ·65	5 ·65	7		18	Tues. 9	9 ·98	9 ·56	7		16	Sun. 9	10 ·31	15 ·74	9
	20	Sun. 10	10 ·68	6 ·70	8		19	Wed. 10	... ...	10 ·67	8		17	Mon. 10	11 ·35	16 ·79	10
	21	Mon. 11	11 ·72	7 ·77	9		20	Thur. 11	10 ·07	11 ·77	9		18	Tues. 11	12 ·36	17 ·82	11
	22	Tues 12	12 ·78	8 ·86	10		21	Fri. 12	11 ·16	12 ·88	10		19	Wed. 12	13 ·34	18 ·83	12
	23	Wed. 13	13 ·85	9 ·97	11		22	Sat. 13	12 ·23	13 ·98	11		20	Thur. 13	14 ·30	19 ·82	13
	24	Thur. 14	14 ·94	.. ...	12		23	Sun. 14	13 ·29	...	12		21	Fri ○ 14	**P** ·25	20 ·79	14
	25	Fri. 15	... ...	10 ·07	13		24	Mon. 15	14 ·35	14 ·06	13		22	Sat. 15	1 ·19	21 ·74	15
	26	Sat. 16	**P** ·03	11 ·18	14		25	Tues. 16	**P** ·37	15 ·12	14		23	Sun. 16	2 ·10	22 ·70	16
	27	Sun. 17	1 ·11	12 ·28	15		26	Wed. 17	1 ·39	16 ·15	15		24	Mon. 17	{ 3 ·00 { 4 ·90	23 ·63	*H.* 396 17
	28	Mon. 18	2 ·19	13 ·36	16		27	Thur. 18	2 ·37	17 ·17	16		25	Tues. 18	5 ·80	24 ·56	18
	29	Tues. 19	3 ·24	14 ·43	17		28	Fri. 19	3 ·33	18 ·18	17		26	Wed. 19	6 ·70	25 ·49	19
—30		Wed. 20	4 ·28	15 ·49	18		29	Sat. 20	4 ·28	19 ·16	18		27	Thur. 20	7 ·60	26 ·42	20
1		Thur. 21	5 ·29	16 ·52	19		30	Sun. 21	5 ·21	20 ·12	19		28	Fri. 21	*Bahula.* 8 ·51	27 ·37	21
2		Fri. 22	*Bahula.* 6 ·28	17 ·53	20		—31	Mon. 22	6 ·14	21 ·07	20		29	Sat. 22	9 ·42	1 ·31	22
3		Sat. 23	7 ·25	18 ·52	21		1	Tues. 23	{ 7 ·03 { 8 ·94	22 ·01 } 23 ·96 }	21		30	Sun. 23	10 ·35	2 ·27	23
4		Sun. 24	8 ·20	19 ·49	22		2	Wed. 24	9 ·84	24 ·88	22		—31	Mon. 24	11 ·29	3 ·24	24
5		Mon. 25	9 ·14	20 ·46	23		3	Thur. 25	10 ·73	25 ·81	23		1	Tues 25	12 ·25	4 ·22	25
6		Tues. 26	{ 10 ·06 { 11 ·97	21 ·40	24		4	Fri. 26	*Sukla.* 11 ·64	26 ·75	24		2	Wed. 26	13 ·23	5 ·24	26
7		Wed. 27	12 ·88	22 ·34	25		5	Sat. 27	12 ·55	27 ·69	25		3	Thur. 27	14 ·23	6 ·27	27
8		Thur. 28	13 ·79	23 ·27	26		6	Sun. 28	13 ·46	1 ·63	26		4	Fri. 28	—**A** ·25	7 ·31	28
							7	Mon. 29	14 ·38	2 ·61	27		5	Sat. 29	1 ·28	8 ·38	29
							8	Tues. 30	—**A** ·38	3 ·58	28		6	Sun. 30	2 ·34	9 ·46	—30

H. 396 *Jamādal ākhir.* *H.* 396 *Rajab.* *H.* 396 *Shaʿbān.* *H.* 396 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardra. 7. Punar. 8 Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1006. **Kollam 182.** { **N. Malabar—Aug.** **Hijra 397.** **Vikrama 1063.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 27.** **Bengal San. 412.**
P—Paurnimā. **(N. Cycle) Kilaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day	Cyclic sidereal year, month and day	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Mon.	1	3 ·42	10 ·57	1	6	Sun.	1	6 ·87	17 ·77	4	7	Fri.	1	8 ·77	23 ·33	6
	Tues.	2	4 ·50	11 ·68	2	7	Mon.	2	7 ·86	18 ·79	5	8	Sat.	2	9 ·68	24 ·26	7
	Wed.	3	5 ·58	12 ·78	3	8	Tues.	3	8 ·83	19 ·80	6	9	Sun.	3	10 ·58	25 ·19	8
	Thur	4	6 ·66	13 ·88	4	9	Wed.	4	9 ·80	20 ·78	7	10	Mon.	4	11 ·48	26 ·12	9
	Fri.	5	7 ·73	14 ·97	5	10	Thur.	5	10 ·73	21 ·75	8	11	Tues.	5	12 ·39	27 ·05	10
	Sat.	6	8 ·80	.. ...	6	11	Fri.	6	11 ·66	22 ·70	9					1 ·00	
	Sun.	7	9 ·83	15 ·05	7	12	Sat.	7	12 ·57	23 ·64	10	12	Wed.	6	13 ·30	2 ·94	11
	Mon.	8	10 ·83	16 ·11	8	13	Sun.	8	13 ·47	24 ·59	11	13	Thur.	7	14 ·21	3 89	12
	Tues.	9	11 ·82	17 ·14	9	14	Mon.	9	14 ·37	25 ·52	12	14	Fri.	8	P ·13	4 ·86	13
	Wed.	10	12 ·78	18 ·15	10	15	Tues.	10	P ·27	26 ·45	13	15	Sat.	9	1 ·09	5 ·84	14
	Thur.	11	13 ·73	19 ·14	11	16	Wed.	11	1 ·17	27 ·38	14	16	Sun.	10	2 ·05	6 ·86	15
	Fri.	12	14 ·68	20 ·12	12				2 ·07	1 ·32		17	Mon.	11	3 ·04	7 ·88	16
	Sat.	13	P ·60	21 ·08	13	17	Thur.	12	3 ·99		15	18	Tues.	12	4 ·05	8 ·93	17
				22 ·03					4 ·92	2 ·27		19	Wed.	13	5 ·08	9 ·90	18
	Sun.	14	1 ·51	23 ·97	14	18	Fri.	13	5 ·88	3 ·23	16	20	Thur.	14	6 12	.. ...	19
	Mon.	15	2 ·41	24 ·90	15	19	Sat.	14	6 ·84	4 ·21	17	21	Fri.	15	7 ·18	10 ·07	20
	Tues.	16	3 ·31	25 ·83	16	20	Sun.	15	7 ·81	5 ·20	18	22	Sat.	16	8 ·25	11 ·18	21
	Wed.	17	4 ·20	26 ·77	17	21	Mon.	16	8 ·82	6 ·21	19	23	Sun.	17	9 ·35	12 ·28	22
	Thur.	18	5 ·10	27 ·70	18	22	Tues.	17	9 ·83	7 ·24	20	24	Mon.	18	10 ·44	13 ·39	23
	Fri.	19	6 ·01	1 ·65	19	23	Wed.	18	10 ·88	8 ·31	21	25	Tues.	19	11 ·52	14 ·49	24
			7 ·92			24	Thur.	19	11 ·93	9 ·38	22	26	Wed.	20	12 ·60	15 ·58	25
	Sat.	20	8 ·85	2 ·60	20	25	Fri.	20	.. ...	10 ·47	23	27	Thur.	21	13 ·65	16 ·67	26
	Sun.	21	9 ·78	3 ·56	21	26	Sat.	21	12 ·01	11 ·57	24	28	Fri.	22	14 ·69	17 ·72	27
	Mon.	22	10 ·75	4 ·53	22	27	Sun.	22	13 ·09	12 ·68	25	29	Sat.	23	—A ·71	18 ·76	28
	Tues.	23	11 ·73	5 ·56	23	28	Mon.	23	13 ·09	12 ·68	26	30	Sun.	24	1 ·69	19 ·77	—29
	Wed.	24	12 ·72	6 ·58	24	29	Tues.	24	14 ·17	13 ·79	27	1	Mon.	25	2 ·67	20 ·77	1
	Thur.	25	13 ·74	7 ·62	25	30	Wed.	25	—A ·26	14 ·89	28	2	Tues.	26	3 ·63	21 ·74	2
	Fri.	26	14 ·78	8 ·68	26	1	Thur.	26	1 ·33	15 ·97	—29	3	Wed.	27	4 ·56	22 ·71	3
	Sat.	27	—A ·85	9 ·78	27	2	Fri.	27	2 ·40	.. ...	1	4	Thur.	28	5 ·48	23 ·66	4
	Sun.	28	1 ·92	10 ·87	28	3	Sat.	28	3 ·43	16 ·04	2	5	Fri.	29	6 ·40	24 ·60	5
	Mon.	29	2 ·99	11 ·98	—29	4	Sun.	29	4 ·46	17 ·09	3	6	Sat.	30	7 ·31	25 ·53	6
	Tues.	30	.. ...	.. ...	1	5	Mon.	30	5 ·44	18 ·12	4						
	Wed.	31	3 ·07	12 ·08	2												
	Aug.						**Oct.**						**Dec.**				
	Thur.	1	4 ·16	13 ·18	3	6	Tues.	1	6 ·42	19 ·13	5	7	Sun.	1	8 ·21	26 ·46	7
	Fri.	2	5 ·23	14 ·28	4	7	Wed.	2	7 ·38	20 ·11	6	8	Mon.	2	9 ·11	27 ·40	8
	Sat.	3	6 ·28	15 ·38	5	8	Thur.	3	8 ·31	21 ·08	7				10 ·02		
	Sun.	4	7 ·32	16 ·42	6					22 ·04		9	Tues.	3	11 ·93	1 ·33	9
	Mon.	5	8 ·33	17 ·46	7	9	Fri.	4	9 ·24	23 ·99	8	10	Wed.	4	12 ·85	2 ·27	10
	Tues.	6	9 ·32	18 ·47	8	10	Sat.	5	10 ·15	24 ·93	9	11	Thur.	5	13 ·79	3 ·23	11
	Wed.	7	10 ·29	19 47	9				11 ·06			12	Fri.	6	14 ·73	4 ·19	12
	Thur.	8	11 ·26	20 ·46	10	11	Sun.	6	12 ·96	25 ·86	10	13	Sat. ○	7	P ·70	5 18	13
	Fri.	9	12 ·19	21 ·42	11	12	Mon.	7	13 ·86	26 ·78	11	14	Sun	8	1 ·68	6 ·18	14
	Sat.	10	13 ·11	22 ·37	12	13	Tues.	8	14 ·76	27 ·72	12	15	Mon.	9	2 ·69	7 ·20	15
	Sun.	11	14 ·02	23 ·31	13	14	Wed.	9	P ·66	1 ·66	13	16	Tues.	10	3 ·72	8 ·24	16
			P ·92			15	Thur.	10	1 ·59	2 ·61	14	17	Wed.	11	4 ·76	9 ·30	17
	Mon.	12	1 ·82	24 ·24	14	16	Fri.	11	2 ·52	3 ·56	15	18	Thur.	12	5 ·83	10 38	18
	Tues.	13	2 ·72	25 ·18	15	17	Sat.	12	3 ·46	4 ·53	16	19	Fri.	13	6 ·91	11 ·48	19
	Wed.	14	3 ·62	26 ·11	16	18	Sun.	13	4 ·42	5 ·52	17	20	Sat.	14	... ...	12 ·58	20
				27 ·01		19	Mon.	14	5 ·41	6 ·53	18	21	Sun.	15	7 ·00	13 ·69	21
	Thur.	15	4 ·52	1 ·98	17	20	Tues.	15	6 ·42	7 ·57	19	22	Mon.	16	8 ·09	14 ·79	22
	Fri.	16	5 ·44	2 ·93	18	21	Wed	16	7 ·43	8 ·62	20	23	Tues.	17	9 ·17	15 ·89	23
	Sat.	17	6 ·37	3 ·90	19	22	Thur.	17	8 ·48	9 ·68	21	24	Wed.	18	10 ·24	16 ·97	24
	Sun.	18	7 ·31	4 ·83	20	23	Fri.	18	9 ·54	10 ·77	22	25	Thur.	19	11 ·30	...	25
	Mon.	19	8 ·27	5 ·88	21	24	Sat.	19	10 ·62	11 ·87	23	26	Fri.	20	12 ·34	17 ·03	26
	Tues.	20	9 25	6 ·89	22	25	Sun.	20	11 ·71	12 ·99	24	27	Sat.	21	13 ·35	18 ·07	27
	Wed.	21	10 ·26	7 ·93	23	26	Mon.	21	12 ·80	.. ...	25	28	Sun.	22	14 ·34	19 ·09	28
	Thur.	22	11 27	.. ...	24	27	Tues.	22	13 ·89	13 ·09	26	29	Mon.	23	—A ·32	20 ·09	29
	Fri.	23	12 ·32	8 ·00	25	28	Wed.	23	14 ·95	14 ·19	27	1	Tues.	24	1 ·28	21 08	—30
	Sat.	24	13 ·37	9 ·08	26	29	Thur.	24	... ...	15 ·28	28	2	Wed.	25	2 ·21	22 ·05	1
	Sun.	25	14 ·43	10 ·17	27	—30	Fri.	25	—A ·01	16 ·35	29					23 ·00	
	Mon.	26	—A ·52	11 ·27	28	1	Sat.	26	1 ·05	17 ·41	—30	3	Thur.	26	3 ·13	24 ·94	2
	Tues.	27	1 ·61	12 ·38	29	2	Sun.	27	2 ·06	18 ·44	1				4 ·04		
	Wed.	28	2 ·69	13 ·48	—30	3	Mon.	28	3 ·05	19 ·45	2	4	Fri.	27	5 94	25 ·87	3
	Thur.	29	3 ·76	14 ·59	1				4 ·04			5	Sat	28	6 ·84	26 ·81	4
	Fri.	30	4 ·82	15 ·67	2	4	Tues.	29	5 ·99	20 ·14	3	6	Sun.	29	7 ·75	27 ·74	5
	Sat.	31	5 ·85	16 ·73	3	5	Wed.	30	6 ·94	21 ·41	4	7	Mon.	30	8 ·66	1 ·67	6
						6	Thur.	31	7 ·86	22 ·38	5	8	Tues.	31	9 57	2 ·61	7

Parābhava. **Simha—Āvani.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Adhika** *Bahula.* *H. 396 Zi-l-ka'da.*

Parābhava. **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* *H. 396 Zi-l-hijja. H. 397 Muharram.*

Parābhava. **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Sukla.* **Pausha.** *Bahula.* *H. 397 Safar. H. 397 Rabi-ul awwal*

Parābhava. **Kanyā—Puraṭṭāśi.** *Sukla.* **Bhādrapada.** *Bahula.* **Mija** *Sukla.* *H. 396 Zi-l-hijja.*

Parābhava. **Vriśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* *H. 397 Safar.*

Parābhava. **Makara—Tai.** *Sukla.* *H. 397 Rabi-ul awwal*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1007.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 23·55.
(Arya Sid.) March 23·51.

Śaka 929.

Kaliyuga 4108.
(S. Cycle) Plavaṅga

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pardhāva. **Makara—Tai.** 9	Wed.	1	10 ·48	3 ·56	8	9	Sat.	1	10 ·54	7 ·15	8	9	Thur.	1	12 ·89	13 ·19	10
10	Thur.	2	11 ·42	4 ·53	9	10	Sun.	2	11 ·54	8 ·18	9	10	Fri.	2	13 ·98	14 ·29	11
11	Fri.	3	12 ·37	5 ·50	10	11	Mon.	3	12 ·57	9 ·23	10	11	Sat.	3	... ...	15 ·40	12
12	Sat.	4	13 ·34	6 ·50	11	12	Tues.	4	13 ·62	10 ·29	11	12	Sun.	4	14 ·05	16 ·50	13
13	Sun.	5	14 ·34	7 ·51	12	13	Wed.	5	14 ·69	P ·77	12	13	Mon.	5	P ·12	17 ·58	14
14	Mon.	6	P ·34	8 ·55	13	14	Thur.	6	P ·77	12 ·48	13	14	Tues.	6	1 ·16	18 ·65	15
15	Tues.	7	1 ·36	9 ·61	14	15	Fri.	7	1 ·86	13 ·59	14	15	Wed.	7	2 ·18	19 ·69	16
16	Wed.	8	2 ·41	10 ·69	15	16	Sat.	8	2 ·94	14 ·70	15	16	Thur.	8	3 ·19	20 ·71	17
17	Thur.	9	3 ·49	11 ·78	16	17	Sun.	9	... ...	15 ·80	16	17	Fri.	9	4 ·18	21 ·72	18
18	Fri.	10	4 ·57	12 ·88	17	18	Mon.	10	3 ·01	16 ·89	17	18	Sat.	10	5 ·15	22 ·71	19
19	Sat.	11	5 ·65	13 ·98	18	19	Tues.	11	4 ·08	17 ·96	18	19	Sun.	11	6 ·09	23 ·67	20
20	Sun.	12	6 ·73	... ...	19	20	Wed.	12	5 ·03	... ...	19	20	Mon.	12	7 ·02	24 ·63	*H. 397 Sha'bān* 21
21	Mon	13	7 ·82	14 ·09	20	21	Thur.	13	6 ·16	18 ·02	20	21	Tues.	13	9 ·85	25 ·57	22
22	Tues.	14	8 ·89	15 ·20	21	22	Fri.	14	7 ·16	19 ·06	21	22	Wed.	14	10 ·75	26 ·50	23
23	Wed.	15	9 ·95	16 ·28	22	23	Sat.	15	8 ·14	20 ·07	22	23	Thur.	15	11 ·65	27 ·44	24
24	Thur.	16	10 ·97	17 ·34	23	24	Sun.	16	9 ·12	21 ·06	23	24	Fri.	16	12 ·55	1 ·37	25
25	Fri.	17	11 ·98	18 ·39	24	25	Mon.	17	10 ·06 / 11 ·99	22 ·04	24	25	Sat.	17	13 ·45	2 ·30	26
26	Sat.	18	12 ·97	19 ·41	25							26	Sun.	18	14 ·35	3 ·24	27
27	Sun.	19	13 ·95	20 ·43	26	26	Tues.	18	12 ·91	23 ·01 / 24 ·96	25	27	Mon. ●	19	—A ·26	4 ·19	28
28	Mon.	20	14 ·90	21 ·41	27							28	Tues.	20	1 ·19	5 ·16	—29
—29	Tues.	21	—A ·83	22 ·38	28	27	Wed.	19	13 ·82	25 ·89	26	29	Wed.	21	2 ·13	6 ·13	1
1	Wed.	22	1 ·75	23 ·33	—29	28	Thur.	20	14 ·73	26 ·83	27	30	Thur.	22	3 ·10	7 ·12	2
2	Thur.	23	2 ·67	24 ·27	1	29	Fri.	21	—A ·63	27 ·76	28	31	Fri.	23	4 ·08	8 ·13	3
3	Fri.	24	3 ·57	25 ·22	2	30	Sat.	22	1 ·53	1 ·69	—29						
4	Sat.	25	4 ·47	26 ·15	3	—31	Sun.	23	2 ·43	2 ·63	1	—32	Sat.	24	5 ·09	9 ·16	4
5	Sun.	26	5 ·37	27 ·08	4	1	Mon.	24	3 ·34	3 ·57	2	1	Sun.	25	6 ·10	10 ·22	5
6	Mon.	27	6 ·27	1 ·01 / 2 ·95	5	2	Tues.	25	4 ·25	4 ·52	3	2	Mon.	26	7 ·14	11 ·30	6
7	Tues.	28	7 ·18	3 ·90	6	3	Wed.	26	5 ·18	5 ·49	4	3	Tues.	27	8 ·21	12 ·38	7
8	Wed.	29	8 ·11	4 ·86	7	4	Thur.	27	6 ·13	6 ·47	5	4	Wed.	28	9 ·28	13 ·48	8
9	Thur.	30	9 ·04 / 10 ·99	5 ·83	8	5	Fri.	28	7 ·09	7 ·48	6	5	Thur.	29	10 ·37	14 ·59	9
						6	Sat.	29	8 ·08	8 ·50	7	6	Fri.	30	11 ·45	15 ·71	10
10	Fri.	31	11 ·96	6 ·82	9	7	Sun.	30	9 ·08	9 ·54	8	7	Sat.	31	12 ·52	16 ·80	11
	Feb.					8	Mon.	31	10 ·12	10 ·60	9						
							April.						**June.**				
Pardhāva. **Kumbha—Māśi.** 11	Sat.	1	12 ·94	7 ·83	*H. 397 Jamāda'l awwal.* 10	9	Tues.	1	11 ·16	11 ·68	10	8	Sun.	1	13 ·59	17 ·89	12
12	Sun.	2	13 ·95	8 ·87	11	*Plavaṅga.* **Mēsha—Chittirai.** 10	Wed.	2	12 ·23	12 ·78	11	9	Mon.	2	14 ·63	18 ·96	13
13	Mon.	3	14 ·99	9 ·92	12	11	Thur.	3	13 ·31	13 ·89	12	10	Tues.	3	P ·66	... ...	14
14	Tues.	4	... ...	10 ·99	13	12	Fri.	4	14 ·39	14 ·99	13	11	Wed.	4	1 ·67	19 ·00	15
15	Wed.	5	P ·04	... ...	14	13	Sat.	5	P ·47	... ...	14	12	Thur.	5	2 ·66	20 ·03	16
16	Thur.	6	1 ·10	11 ·08	15	14	Sun.	6	1 ·55	15 ·10	15	13	Fri.	6	3 ·63	21 ·05	17
17	Fri.	7	2 ·19	12 ·18	16	15	Mon.	7	2 ·63	16 ·19	16	14	Sat.	7	4 ·57	22 ·03	18
18	Sat.	8	3 ·27	13 ·28	17	16	Tues.	8	3 ·67	17 ·28	17	15	Sun.	8	5 ·50	23 ·01 / 24 ·96	19
19	Sun.	9	4 ·35	14 ·40	18	17	Wed.	9	4 ·70	18 ·34	18						
20	Mon.	10	5 ·43	15 ·50	19	18	Thur.	10	5 ·70	19 ·37	19	16	Mon.	9	6 ·43	25 ·91	20
21	Tues.	11	6 ·50	16 ·58	20	19	Fri.	11	6 ·68	20 ·39	20	17	Tues.	10	7 ·33	26 ·85	21
22	Wed.	12	7 ·56	17 ·65	21	20	Sat.	12	7 ·65	21 ·39	21	18	Wed.	11	8 ·23	27 ·78	22
23	Thur.	13	8 ·59	18 ·70	22	21	Sun.	13	8 ·59	22 ·38	22	19	Thur.	12	9 ·13	1 ·71	23
24	Fri.	14	9 ·60	19 ·74	23	22	Mon.	14	9 ·53	23 ·34	23	20	Fri.	13	10 ·03 / 11 ·98	2 ·64	24
25	Sat.	15	10 ·58	20 ·75	24	23	Tues.	15	10 ·45	24 ·29	24						
26	Sun.	16	11 ·55	21 ·74	25	24	Wed.	16	11 ·35	25 ·23	25	21	Sat.	14	12 ·83	3 ·58	25
27	Mon.	17	12 ·49	22 ·71	26	25	Thur.	17	12 ·25	26 ·16	26	22	Sun.	15	13 ·74	4 ·53	26
28	Tues.	18	13 ·43	23 ·67	27	26	Fri.	18	13 ·15	27 ·09	27	23	Mon.	16	14 ·67	5 ·49	27
29	Wed.	19	14 ·35	24 ·62	28							24	Tues.	17	—A ·61	6 ·46	28
—30	Thur.	20	—A ·26	25 ·56	29	27	Sat.	19	14 ·05 / A ·95	1 ·03 / 2 ·97	28	25	Wed.	18	1 ·58	7 ·44	29
Pardhāva. **Mīna—Paṅguni.** 1	Fri.	21	1 ·17	26 ·49	—30	28	Sun.	20	1 ·85	3 ·90	29	26	Thur.	19	2 ·55	8 ·45	—30
2	Sat.	22	2 ·07 / 3 ·97	27 ·42	1	29	Mon.	21	2 ·76	4 ·85	—30	27	Fri.	20	3 ·56	9 ·49	1
						30	Tues.	22	3 ·70	5 ·82	1	28	Sat.	21	4 ·58	10 ·53	2
3	Sun.	23	4 ·87	1 ·35	2	*Plavaṅga.* **Vṛish.—Vaigāśi.** 1	Wed.	23	4 ·65	6 ·80	2	29	Sun.	22	5 ·62	11 ·60	3
4	Mon.	24	5 ·78	2 ·29	3	2	Thur.	24	5 ·60	7 ·80	3	30	Mon.	23	6 ·67	12 ·68	4
5	Tues.	25	6 ·70	3 ·24	4	3	Fri.	25	6 ·59	8 ·81	4	—31	Tues.	24	7 ·75	13 ·78	5
6	Wed.	26	7 ·63	4 ·19	5	4	Sat.	26	7 ·59	9 ·85	5	1	Wed.	25	8 ·84	14 ·89	6
7	Thur.	27	8 ·59	5 ·16	6	5	Sun.	27	8 ·63	10 ·91	6	2	Thur.	26	9 ·92	... ...	7
8	Fri.	28	9 ·55	6 ·14	7	6	Mon.	28	9 ·67	11 ·99	7	3	Fri.	27	10 ·99	15 ·00	8
						7	Tues.	29	10 ·73	... ...	8	4	Sat.	28	... ..	16 ·10	9
						8	Wed.	30	11 ·80	12 ·08	9	5	Sun.	29	11 ·06	17 ·19	*H. 397 Shawwāl.* 10
												6	Mon.	30	12 ·11	18 ·26	11

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10 Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad., 26. U. Bhad. 27. Rev

A.D. 1007. **Kollam 183,** { **N. Malabar—Aug.** **Hijra 398.** **Vikrama 1064.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 17.** **Bengal San. 413.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Plavaṅga.																	
Karkaṭaka—Āḍi.			*Bahula.* **Āshāḍha.**		*H. 397 Shawwāl.*	*Plavaṅga.*			**Bhādrapada.**		*H. 397 Zī-l-ḥijja.*	*Plavaṅga.*			*Bahula.* **Kārt.**		*H. 398 Ṣafar.*
7	Tues.	1	13 ·14	19 ·32	12	6	Mon.	1	2 ·76	27 ·80	15	7	Sat.	1	4 ·42	6 ·11	16
8	Wed.	2	14 ·16	20 ·36	13	7	Tues.	2	3 ·66	1 ·74	16	8	Sun.	2	5 ·37	7 ·08	17
9	Thur.	3	P ·14	21 ·37	14	8	Wed.	3	4 ·56	2 ·67	17	9	Mon.	3	6 ·34	8 ·06	18
10	Fri.	4	1 ·10	22 ·36	15	9	Thur.	4	5 ·46	3 ·60	18	10	Tues.	4	7 ·32	9 ·07	19
11	Sat.	5	2 ·05	23 ·34	16	10	Fri.	5	6 ·37	4 ·53	19	11	Wed.	5	8 ·34	10 ·10	20
			3 ·99			11	Sat.	6	7 ·29	5 ·48	20	12	Thur.	6	9 ·36	11 ·15	21
12	Sun.	6	4 ·93	24 ·29	17	12	Sun.	7	8 ·23	6 ·44	21	13	Fri.	7	*Bahula.* 10 ·41	12 ·21	22
13	Mon.	7	5 ·84	25 ·25	18	13	Mon.	8	9 ·17	7 ·43	22	14	Sat.	8	11 ·47	13 ·29	23
14	Tues.	8	6 ·74	26 ·19	19	14	Tues.	9	10 ·12	8 ·42	23	15	Sun.	9	12 ·55	14 ·39	24
15	Wed.	9	7 ·63	27 ·12	20	15	Wed.	10	11 ·11	9 ·43	24	16	Mon.	10	13 ·63	15 ·50	25
				1 ·05		16	Thur.	11	12 ·10	10 ·46	25	17	Tues.	11	14 ·72	16 ·61	26
16	Thur.	10	8 ·53	2 ·98	21	17	Fri.	12	*Bahula.* 13 ·13	11 ·52	26	18	Wed.	12	— **A** ·82	17 ·71	27
17	Fri.	11	9 ·43	3 ·92	22	*Plavaṅga.*			14 ·19	12 ·60	27	*Plavaṅga.*			1 ·89	18 ·80	28
18	Sat.	12	*Bahula.* 10 ·34	4 ·86	23	**Kanyā—Puraṭṭāśi.**			— **A** ·25	13 ·69	28	**Vṛiśchika—Kārttigai.**			2 ·94	19 ·88	—29
19	Sun.	13	11 ·25	5 ·82	24	19	Sun.	14	1 ·32	14 ·79	29	21	Sat.	15	3 ·97	20 ·93	1
20	Mon.	14	12 ·17	6 ·78	25	20	Mon.	15	2 ·41	15 ·90	—30	22	Sun.	16	*Sukla.* 4 ·99	21 ·98	2
21	Tues.	15	13 ·10	7 ·77	26	21	Tues.	16	3 ·49	... ...	1	23	Mon.	17	5 ·98	22 ·99	3
22	Wed.	16	14 ·06	8 ·78	27	22	Wed.	17	4 ·57	16 ·00	2	24	Tues.	18	6 ·95	23 ·99	4
23	Thur.	17	— **A** ·04	9 ·80	28	23	Thur.	18	5 ·65	17 ·11	3	25	Wed.	19	7 ·91	24 ·96	5
24	Fri.	18	1 ·05	10 ·84	—29	24	Fri.	19	6 ·70	18 ·19	4	26	Thur.	20	8 ·84	25 ·92	6
25	Sat.	19	2 ·05	11 ·91	1	25	Sat.	20	*Sukla.* 7 ·73	19 ·26	5	27	Fri.	21	9 ·77	26 ·88	7
26	Sun.	20	3 ·10	12 ·99	2	26	Sun.	21	8 ·75	20 ·31	6	28	Sat.	22	10 ·68	27 ·82	8
27	Mon.	21	4 ·16	... ...	3	27	Mon.	22	9 ·74	21 ·33	7	29	Sun.	23	11 ·59	1 ·75	9
28	Tues.	22	5 ·25	13 ·08	4	28	Tues.	23	10 ·71	22 ·35	8	—30	Mon.	24	12 ·49	2 ·68	10
29	Wed.	23	6 ·33	14 ·20	5	29	Wed.	24	11 ·66	23 ·33	9	1	Tues.	25	13 ·39	3 ·61	11
30	Thur.	24	7 ·41	15 ·30	6	—30	Thur.	25	12 ·60	24 ·30	10	2	Wed.	26	14 ·30	4 ·55	12
31	Fri.	25	8 ·48	16 ·40	7	1	Fri.	26	13 ·53	25 ·26	11	3	Thur.	27	P ·21	5 ·49	13
—32	Sat.	26	9 ·55	17 ·50	8	2	Sat.	27	14 ·44	26 ·20	12	4	Fri.	28	1 ·13	6 ·44	14
1	Sun.	27	10 ·60	18 ·57	9	3	Sun.	28	*Śukla.* P ·34	27 ·13	13	5	Sat.	29	2 ·06	7 ·41	15
2	Mon.	28	11 ·63	19 ·64	10	4	Mon.	29	1 ·24	1 ·07	14				3 ·02		
3	Tues.	29	12 ·66	20 ·68	11	5	Tues.	30			*H. 398 Muharram.*	6	Sun.	30	4 ·98	8 ·39	*H. 398 Rabī-ul awwal.* 16
4	Wed.	30	13 ·64	21 ·69	12												
5	Thur.	31	14 ·61	22 ·69	13												
	Aug.						**Oct.**						**Dec.**				
Plavaṅga.												*Plavaṅga.*					
Siṁha—Āvaṇi.			*Bahula.* **Śrāvaṇa.**			*Plavaṅga.*			*Bahula.*			**Dhanus—Mārgaḷi.**			*Bahula.*		
6	Fri.	1	P ·56	23 ·67	14	6	Wed.	1	2 ·14	2 ·00	15	7	Mon.	1	5 ·96	9 ·40	17
7	Sat.	2	1 ·49	24 ·64	15					3 ·93		8	Tues.	2	6 ·98	10 ·42	18
8	Sun.	3	2 ·42	25 ·59	16	7	Thur.	2	3 ·04	4 ·87	16	9	Wed.	3	... ...	11 ·46	19
9	Mon.	4	3 ·32	26 ·53	17				4 ·96			10	Thur.	4	7 ·00	12 ·52	20
10	Tues.	5	4 ·22	27 ·46	18	8	Fri.	3	5 ·87	5 ·82	17	11	Fri.	5	8 ·06	13 ·59	21
11	Wed.	6	5 ·12	1 ·39	19	9	Sat.	4	6 ·81	6 ·78	18	12	Sat.	6	9 ·13	14 ·70	22
			6 ·02			10	Sun.	5	7 ·75	7 ·75	19	13	Sun.	7	10 ·21	15 ·80	23
12	Thur.	7	7 ·92	2 ·33	20	11	Mon.	6	*Bahula.* 8 ·71	8 ·74	20	14	Mon.	8	11 ·29	16 ·91	24
13	Fri.	8	8 ·83	3 ·26	21	12	Tues.	7	9 ·70	9 ·75	21	15	Tues.	9	12 ·37	... ...	25
14	Sat.	9	9 ·75	4 ·20	22	13	Wed.	8	10 ·70	10 ·78	22	16	Wed.	10	13 ·45	17 ·01	26
15	Sun.	10	*Bahula.* 10 ·68	5 ·15	23	14	Thur.	9	11 ·73	11 ·84	23	17	Thur.	11	14 ·53	18 ·10	27
16	Mon.	11	11 ·62	6 ·11	24	15	Fri.	10	12 ·78	12 ·91	24	18	Fri.	12	— **A** ·59	19 ·18	28
17	Tues.	12	12 ·57	7 ·09	25	16	Sat.	11	13 ·85	13 ·99	25	19	Sat.	13	1 ·62	20 ·25	29
18	Wed.	13	13 ·56	8 ·10	26	17	Sun.	12	14 ·92	... ...	26	20	Sun.	14	2 ·64	21 ·29	—30
19	Thur.	14	14 ·58	9 ·11	27	18	Mon.	13	... ...	14 ·09	27	21	Mon.	15	3 ·62	22 ·31	1
20	Fri.	15	— **A** ·58	10 ·15	28	19	Tues.	14	— **A** ·00	15 ·20	28	22	Tues.	16	4 ·59	23 ·31	2
21	Sat.	16	1 ·62	11 ·21	29	20	Wed.	15	1 ·09	16 ·31	29	23	Wed.	17	5 ·55	24 ·29	3
22	Sun.	17	2 ·67	12 ·29	—30	21	Thur.	16	2 ·18	17 ·41	—30	24	Thur.	18	6 ·49	25 ·27	4
23	Mon.	18	3 ·76	13 ·39	1	22	Fri.	17	*Śukla.* 3 ·25	18 ·50	1	25	Fri.	19	*Sukla.* 7 ·42	26 ·22	5
24	Tues.	19	4 ·85	14 ·49	2	23	Sat.	18	4 ·30	19 ·57	2	26	Sat.	20	8 ·33	27 ·16	6
25	Wed.	20	*Sukla.* 5 ·93	15 ·60	3	24	Sun.	19	5 ·33	20 ·62	3	27	Sun.	21	9 ·23	1 ·09	7
26	Thur.	21	... ...	16 ·70	4	25	Mon.	20	6 ·35	21 ·66	4					2 ·02	
27	Fri.	22	6 ·01	17 ·80	5	26	Tues.	21	7 ·35	22 ·67	5	28	Mon.	22	10 ·13	3 ·96	8
28	Sat.	23	7 ·09	18 ·89	6	27	Wed.	22	8 ·32	23 ·66	6						
29	Sun.	24	8 ·13	19 ·95	7	28	Thur.	23	9 ·27	24 ·63	7				11 ·03		
30	Mon.	25	9 ·16	20 ·99	8	29	Fri.	24	10 ·21	25 ·59	8	29	Tues.	23	12 ·93	4 ·89	9
—31	Tues.	26	10 ·19	... ...	9	—30	Sat.	25	11 ·14	26 ·54	9						
Plavaṅga.											*H. 398 Ṣafar.*	*Plavaṅga.*					
Kan.—Pur.			**Bhād.**			*Plavaṅga.*			**Kārttika.**			**Makara—Tai.**					
1	Wed.	27	11 ·17	21 ·01	10	**Vṛiśch—Kar.**			12 ·05	27 ·48	10	1	Wed.	24	13 ·84	5 ·83	10
2	Thur.	28	12 ·15	22 ·01	11	1	Sun.	26	13 ·96			2	Thur.	25	14 ·78	6 ·78	11
				23 ·00		2	Mon.	27	14 ·86	1 ·41	11	3	Fri.	26	P ·71	7 ·74	12
3	Fri.	29	13 ·09	24 ·97	12	3	Tues.	28	P ·76	2 ·34	12	4	Sat.	27	1 ·67	8 ·73	13
			14 ·03			4	Wed.	29	1 ·67	3 ·27	13	5	Sun.	28	2 ·61	9 ·72	14
4	Sat.	30	P ·95	25 ·92	13	5	Thur.	30	2 ·58	4 ·21	14	6	Mon.	29	3 ·60	10 ·73	15
5	Sun.	31	1 ·87	26 ·86	14	6	Fri.	31	3 ·49	5 ·16	15	7	Tues.	30	4 ·61	11 ·77	16
												8	Wed.	31	5 ·64	12 ·82	17
															Pausha.		*H. 398 Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1008. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·81.** **Śaka 930.** **Kaliyuga 4109.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·77.** **(S. Cycle) Kīlaka.**

SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.				
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Jan.								**March.**								**May.**						
		9	Thur.	1	8 ·69	13 ·90		18		10	Mon.	1	6 ·25	... ...		19		9	Sat.	1	8 ·50	24 ·93		21
		10	Fri.	2	7 ·76	... ..		19		11	Tues.	2	7 ·33	18 ·02		20		10	Sun.	2	9 ·47	25 ·92		22
		11	Sat.	3	8 ·85	14 ·00		20		12	Wed.	3	8 ·39	19 ·11		21		11	Mon.	3	10 ·41	26 ·89		23
		12	Sun.	4	9 ·94	15 ·10		21		13	Thur.	4	9 ·44	20 ·18		22		12	Tues.	4	11 ·33	27 ·85		24
		13	Mon.	5	.. ..	16 ·21		22		14	Fri.	5	10 ·47	21 ·24		23		13	Wed.	5	12 ·25	1 ·79		25
		14	Tues.	6	10 04	17 ·31		23		15	Sat.	6	11 47	22 ·28		24		14	Thur.	6	13 ·15	2 ·92		26
		15	Wed.	7	11 ·12	18 ·41		24		16	Sun.	7	12 ·46	23 ·29		25		15	Fri.	7	14 05	3 ·65		27
		16	Thur.	8	12 ·19	19 ·50		25		17	Mon.	8	13 ·42	24 ·28		26					**A** ·95			
		17	Fri.	9	13 ·24	20 ·56		26		18	Tues.	9	14 ·37	25 ·26		27		16	Sat.	8	1 ·85	4 59		28
		18	Sat.	10	14 ·26	21 ·61		27		19	Wed.	10	**A** ·30	26 ·22		28		17	Sun.	9	2 ·75	5 ·52		29
		19	Sun.	11	**A** ·28	22 ·63		28		20	Thur.	11	1 ·22	27 ·17		29		18	Mon.	10	3 ·66	6 ·46		1
		20	Mon.	12	1 ·26	23 ·64		29		21	Fri.	12	2 ·12	1 ·11		1		19	Tues.	11	4 ·58	7 ·41		2
		21	Tues.	13	2 ·24	24 ·63		1		22	Sat.	13	3 ·02	2 ·05		2		20	Wed.	12	5 ·51	8 ·36		3
		22	Wed.	14	3 ·18	25 ·60		2					4 ·92	3 ·98				21	Thur.	13	6 ·46	9 ·35		4
		23	Thur.	15	4 ·12	26 ·55		3		23	Sun.	14	5 ·82	4 ·90		3		22	Fri.	14	7 ·42	10 ·34		5
					5 ·04					24	Mon.	15	6 ·72	5 ·84		4		23	Sat.	15	8 ·41	11 ·35		6
		24	Fri.	16	6 ·95	27 ·49		4		25	Tues.	16	**7** ·63	6 ·79		5		24	Sun.	16	9 ·40	12 ·38		7
		25	Sat.	17	**7** ·86	1 ·43		5		26	Wed.	17	8 ·55	7 ·74		6		25	Mon.	17	10 ·43	13 ·48		8
		26	Sun.	18	8 ·78	2 ·37		6		27	Thur.	18	9 ·48	8 ·71		7		26	Tues.	18	11 ·48	14 ·52		9
		27	Mon.	19	9 ·66	3 ·30		7		28	Fri.	19	10 ·44	9 ·69		8		27	Wed.	19	12 ·53	15 ·60		10
		28	Tues.	20	10 ·56	4 ·23		8		29	Sat.	20	11 ·41	10 ·69		9		28	Thur.	20	13 ·61	16 ·70		11
		29	Wed.	21	11 ·47	5 ·17		9		30	Sun.	21	12 ·39	11 ·72		10		29	Fri.	21	14 ·70	17 ·81		12
		30	Thur.	22	12 ·40	6 ·11		10		31	Mon.	22	13 ·40	12 ·76		11		30	Sat.	22	**P** ·79	18 ·92		13
		1	Fri.	23	13 ·33	7 ·07		11		1	Tues.	23	14 ·44	13 ·82		12		31	Sun.	23	1 ·85	... ...		14
		2	Sat.	24	14 ·29	8 ·05		12		2	Wed.	24	**P** ·49	14 ·90		13		1	Mon.	24	2 ·91	19 ·01		15
		3	Sun.	25	**P** ·25	9 ·04		13		3	Thur.	25	1 ·56	15 99		14		2	Tues.	25	3 ·97	20 ·11		16
		4	Mon.	26	1 ·24	10 ·05		14		4	Fri.	26	2 ·63	.. ..		15		3	Wed.	26	4 ·99	21 ·18		17
		5	Tues.	27	2 ·25	11 ·08		15		5	Sat.	27	3 ·71	16 ·11		16		4	Thur.	27	... ...	22 ·22		18
		6	Wed.	28	3 ·29	12 ·13		16		6	Sun.	28	4 ·80	17 ·22		17					5 ·00			
		7	Thur.	29	4 ·34	13 ·21		17		7	Mon.	29	5 87	18 ·32		18		5	Fri.	28	6 98	23 ·25		19
		8	Fri.	30	5 41	14 ·30		18		8	Tues.	30	6 ·93	19 ·41		19		6	Sat.	29	**7** ·95	24 ·26		20
		9	Sat.	31	6 ·48	15 ·40		19		9	Wed.	31	7 ·98	20 ·49		20		7	Sun.	30	8 ·89	25 ·25		21
																		8	Mon.	31	9 ·82	26 ·22		22
	Feb.								**April.**								**June.**						
		10	Sun.	1	7 ·56	16 ·50		20		10	Thur.	1	.. ...	21 ·56		21		9	Tues.	1	10 ·73	27 ·18		23
		11	Mon.	2	8 ·65	17 ·61		21		11	Fri.	2	8 ·01	22 ·59		22		10	Wed.	2	11 ·64	1 ·12		24
		12	Tues.	3	9 ·73	18 ·72		22		12	Sat.	3	9 ·01	23 ·62		23		11	Thur.	3	12 ·55	2 06		25
		13	Wed.	4	10 ·81	19 ·80		23		13	Sun.	4	10 ·00	24 ·61		24		12	Fri.	4	13 ·45	3 ·00		26
		14	Thur.	5	11 ·86	20 ·87		24					11 ·96									4 ·93		
		15	Fri.	6	12 ·89	21 ·92		25		14	Mon.	5	12 ·90	25 ·59		25		13	Sat.	5	14 ·35	5 ·86		27
		16	Sat.	7	13 ·89	22 ·95		26		15	Tues.	6	13 ·83	26 ·55		26		14	Sun.	6	**A** ·25	6 ·80		28
		17	Sun.	8	14 ·87	23 ·97		27		16	Wed.	7	14 ·75	27 ·51		27		15	Mon.	7	1 ·15	7 ·74		29
		18	Mon.	9	**A** ·84	24 ·96		28		17	Thur.	8	**A** ·66	1 ·45		28					2 ·06			
		19	Tues.	10	1 ·78	25 ·93		29		18	Fri.	9	1 ·56	2 ·38		29		16	Tues.	8	3 ·98	8 ·71		30
		20	Wed.	11	2 ·72	26 ·89		30		19	Sat.	10	2 ·46	3 ·31		30		17	Wed.	9	4 ·94	9 ·68		1
		21	Thur.	12	3 ·65	27 ·83		1		20	Sun.	11	3 ·36	4 ·24		1		18	Thur.	10	5 ·90	10 ·66		2
		22	Fri.	13	4 ·58	1 ·78		2		21	Mon.	12	4 ·28	5 ·19		2		19	Fri.	11	6 ·88	11 ·67		3
		23	Sat.	14	5 ·46	2 ·71		3		22	Tues.	13	5 ·16	6 ·12		3		20	Sat.	12	7 ·88	12 ·70		4
		24	Sun.	15	6 ·36	3 ·64		4		23	Wed.	14	6 ·08	7 07		4		21	Sun.	13	8 ·91	13 ·74		5
		25	Mon.	16	7 ·26	4 ·57		5					7 ·00					22	Mon.	14	9 ·95	14 ·82		6
		26	Tues.	17	8 ·16	5 ·50		6		24	Thur.	15	8 96	8 ·04		5		23	Tues.	15	...	15 ·91		7
					9 ·07					25	Fri.	16	9 ·93	9 01		6		24	Wed.	16	10 ·02	.. ...		8
		27	Wed.	18	10 ·99	6 ·44		7		26	Sat.	17	10 ·91	10 02		7		25	Thur.	17	11 ·10	16 00		9
		28	Thur.	19	11 ·93	7 41		8		27	Sun.	18	11 ·92	11 ·03		8		26	Fri.	18	12 ·18	17 ·11		10
		29	Fri.	20	12 ·88	8 ·38		9		28	Mon.	19	12 ·95	12 07		9		27	Sat.	19	13 ·26	18 ·22		11
		1	Sat.	21	13 ·85	9 ·36		10		29	Tues.	20	... ...	13 ·13		10		28	Sun.	20	14 ·33	19 ·32		12
		2	Sun.	22	14 ·83	10 ·37		11		30	Wed.	21	13 ·00	14 20		11		29	Mon.	21	**P** ·40	20 ·41		13
		3	Mon.	24	**P** ·84	11 ·39		12					14 06	15 30		12		30	Tues.	22	1 ·41	21 ·49		14
		4	Tues.	24	1 ·88	12 ·45		13		1	Fri. ○	23	**P** ·14	16 ·41		13		31	Wed.	23	2 ·47	22 ·54		15
		5	Wed.	25	2 ·93	13 ·52		14		2	Sat.	24	1 ·22	17 ·51		14								
		6	Thur.	26	... ..	14 ·60		15		3	Sun.	25	2 ·30	18 ·62		15		32	Thur.	24	3 ·48	23 ·57		16
		7	Fri.	27	3 01	15 ·70		16		4	Mon.	26	3 39	19 ·71		16		1	Fri.	25	4 ·45	24 ·59		17
		8	Sat.	28	4 09	16 ·80		17		5	Tues.	27	4 ·45	20 ·79		17		2	Sat.	26	5 42	25 ·58		18
		9	Sun.	29	5 17	17 92		18		6	Wed.	28	5 50	21 ·87		18		3	Sun.	27	6 37	26 ·56		19
										7	Thur.	29	6 ·51	22 ·91		19		4	Mon	28	7 31	27 ·51		20
										8	Fri.	30	7 ·52	23 ·93		20		5	Tues.	29	8 ·22	1 ·46		21
																		6	Wed.	30	9 ·13	2 ·41		22

Plavanga. Makara—Tai. Kilaka. Vrishabha—Vaigāśi. Plavanga. Kumbha—Māśi. Plavanga. Mīna—Pangūni. Kilaka. Mēsha—Chittirai. Kilaka. Mithuna—Āni. Plavanga. Mīna—Pangūni. Plavanga. Mēsha—Chittirai. Kilaka. Mithuna—Āni.

Pausha. Magha. Phālguna. Chaitra. Vaiśākha. Jyeshtha. Āshādha.

Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla.

H. 398 Rabi-ul ākhir. H. 398 Jamādal awwal. H. 398 Jamādal ākhir. H. 398 Rajab. H. 398 Shaʻbān. H. 398 Ramazān. H. 398 Shawwāl.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1008. **Kollam 184,** { **N. Malabar—Aug.** **Hijra 399.** **Vikrama 1065.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 5.** **Bengal San. 414.**
P—Paurnimā. **(N. Cycle) Sādhāraṇa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			10 ·03						14 ·43	11 ·64	26				1 ·85	17 ·61	28
7	Thur.	1	11 ·93	3 ·34	23	7	Wed.	1				7	Mon.	1			
8	Fri.	2	12 ·83	4 ·27	24	8	Thur.	2	—A ·41	12 ·65	27	8	Tues.	2	2 ·93	18 ·71	—29
9	Sat.	3	13 ·73	5 ·20	25	9	Fri.	3	1 ·44	13 ·68	28	9	Wed.	3	... ...	19 ·82	1
10	Sun.	4	14 ·64	6 ·13	26	10	Sat.	4	2 ·44	14 ·74	—29	10	Thur.	4	3 ·02	20 ·93	2
11	Mon.	5	—A ·55	7 ·08	27	11	Sun.	5	3 ·49	15 ·81	1	11	Fri.	5	4 ·11	... ...	3
12	Tues.	6	1 ·47	8 ·04	28	12	Mon.	6	4 ·54	16 ·91	2	12	Sat.	6	5 ·18	21 ·02	4
				9 ·00		13	Tues.	7	5 ·62	... ...	3	13	Sun.	7	6 ·23	22 ·10	5
13	Wed.	7	2 ·42	10 ·99	29	14	Wed.	8	6 ·71	17 ·01	4	14	Mon.	8	7 ·26	23 ·15	6
14	Thur.	8	3 ·38	11 ·99	1	15	Thur.	9	7 ·79	18 ·12	5	15	Tues.	9	8 ·28	24 ·19	7
15	Fri.	9	4 ·36	... ...	2	16	Fri.	10	8 ·87	19 ·22	6	16	Wed.	10	9 ·26	25 ·21	8
16	Sat.	10	5 ·36	12 ·01	3	17	Sat.	11	9 ·95	20 ·32	7	17	Thur.	11	10 ·23	26 ·21	9
17	Sun.	11	6 ·39	13 ·06	4	18	Sun.	12	... ...	21 ·41	8	18	Fri.	12	11 ·19	27 ·18	10
18	Mon.	12	7 ·43	14 ·13	5	19	Mon.	13	10 ·00	22 ·48	9	19	Sat.	13	12 ·13	1 ·14	11
19	Tues.	13	8 ·50	15 ·21	6	20	Tues.	14	11 ·04	23 ·53	10				13 ·05		
20	Wed.	14	9 ·57	16 ·30	7	21	Wed.	15	12 ·06	24 ·55	11	20	Sun.	14	14 ·96	2 ·19	12
21	Thur.	15	10 ·65	17 ·41	8	22	Thur.	16	13 ·04	25 ·56	12					3 ·04	
22	Fri.	16	11 ·74	18 ·52	9				14 ·01			21	Mon.	15	P ·86	4 ·97	13
23	Sat.	17	12 ·81	19 ·63	10	23	Fri.	17	P ·97	26 ·54	13	22	Tues.	16	1 ·76	5 ·90	14
24	Sun.	18	13 ·87	20 ·72	11	24	Sat.	18	1 ·90	27 ·52	14	23	Wed.	17	2 ·66	6 ·83	15
25	Mon.	19	14 ·92	21 ·79	12	25	Sun.	19	2 ·82	1 ·48	15	24	Thur.	18	3 ·57	7 ·76	16
26	Tues.	20	P ·96	22 ·85	13	26	Mon.	20	3 ·73	2 ·42	16	25	Fri.	19	4 ·48	8 ·71	17
27	Wed.	21	1 ·97	23 ·90	14	27	Tues.	21	4 ·63	3 ·35	17	26	Sat.	20	5 ·40	9 ·66	18
28	Thur.	22	2 ·96	24 ·91	15	28	Wed.	22	5 ·53	4 ·28	18	27	Sun.	21	6 ·35	10 ·63	19
29	Fri.	23	3 ·91	25 ·91	16	29	Thur.	23	6 ·43	5 ·22	19	28	Mon.	22	7 ·30	11 ·61	20
30	Sat.	24	4 ·86	26 ·89	17	30	Fri.	24	7 ·33	6 ·15	20	—29	Tues.	23	8 ·26	12 ·61	21
—31	Sun.	25	5 ·81	27 ·85	18	—31	Sat.	25	8 ·25	7 ·09	21	1	Wed.	24	9 ·25	13 ·63	22
1	Mon.	26	6 ·73	1 ·81	19					8 ·04		2	Thur.	25	10 ·26	14 ·68	23
2	Tues.	27	7 ·63	2 ·75	20	1	Sun.	26	9 ·17	9 ·99	22	3	Fri.	26	11 ·30	15 ·74	24
3	Wed.	28	8 ·53	3 ·68	21	2	Mon.	27	10 ·10	10 ·97	23	4	Sat.	27	12 ·34	16 ·81	25
4	Thur.	29	9 ·43	4 ·61	22	3	Tues.	28	11 ·06	11 ·96	24	5	Sun.	28	13 ·41	17 ·91	26
5	Fri.	30	10 ·33	5 ·54	23	4	Wed.	29	12 ·01	12 ·97	25	6	Mon.	29	14 ·49	... ...	27
6	Sat.	31	11 ·23	6 ·47	24	5	Thur.	30	13 ·99	... ...	26	7	Tues.	30	—A ·57	18 ·01	28
	Aug.						**Oct.**						**Dec.**				
7	Sun.	1	12 ·14	7 ·42	25	6	Fri.	1	14 ·00	13 ·00	27	8	Wed.	1	1 ·66	19 ·13	29
			13 ·06			7	Sat.	2				9	Thur.	2	2 ·74	20 ·23	—30
8	Mon.	2	14 ·98	8 ·37	26	8	Sun.	3	—A ·02	14 ·05	28	10	Fri.	3	3 ·81	21 ·33	1
9	Tues.	3	—A ·93	9 ·33	27	9	Mon.	4	1 ·08	15 ·13	29	11	Sat.	4	4 ·86	22 ·40	2
10	Wed.	4	1 ·89	10 ·31	28	10	Tues.	5	2 ·14	16 ·21	—30	12	Sun.	5	5 ·90	23 ·46	3
11	Thur.	5	2 ·87	11 ·31	29	11	Wed.	6	3 ·22	17 ·31	1	13	Mon.	6	6 ·92	24 ·51	4
12	Fri.	6	3 ·88	12 ·34	—30	12	Thur.	7	4 ·30	18 ·42	2	14	Tues.	7	7 ·91	25 ·53	5
13	Sat.	7	4 ·90	13 ·37	1	13	Fri.	8	5 ·40	19 ·52	3	15	Wed.	8	8 ·88	26 ·53	6
14	Sun.	8	5 ·94	14 ·43	2	14	Sat.	9	6 ·48	20 ·62	4	16	Thur.	9	9 ·83	27 ·51	7
15	Mon.	9	... ...	15 ·51	3	15	Sun.	10	7 ·55	21 ·72	5	17	Fri.	10	10 ·77	1 ·48	8
16	Tues.	10	6 ·01	16 ·60	4	16	Mon.	11	8 ·60	22 ·79	6	18	Sat.	11	11 ·69	2 ·44	9
17	Wed.	11	7 ·08	17 ·71	5	17	Tues.	12	9 ·64	23 ·84	7	19	Sun.	12	12 ·61	3 ·38	10
18	Thur.	12	8 ·16	18 ·82	6	18	Wed.	13	10 ·65	24 ·87	8	20	Mon.	13	13 ·51	4 ·31	11
19	Fri.	13	9 ·24	19 ·92	7	19	Thur.	14	11 ·63	25 ·88	9	21	Tues.	14	14 ·41	5 ·24	12
20	Sat.	14	10 ·32	... ...	8	20	Fri.	15	12 ·60	26 ·88	10	22	Wed.	15	P ·31	6 ·17	13
21	Sun.	15	11 ·40	20 ·02	9	21	Sat.	16	13 ·57	27 ·85	11	23	Thur.	16	1 ·21	7 ·11	14
22	Mon.	16	12 ·45	21 ·10	10	22	Sun.	17	14 ·50	1 ·81	12	24	Fri.	17	2 ·13	8 ·05	15
23	Tues.	17	13 ·48	22 ·17	11	23	Mon.	18	P ·42	2 ·76	13				3 ·05	9 ·00	
24	Wed.	18	14 ·49	23 ·21	12	24	Tues.	19	1 ·33	3 ·69	14	25	Sat.	18	4 ·99	10 ·96	16
25	Thur.	19	P ·48	24 ·23	13	25	Wed.	20	2 ·23	4 ·63	15	26	Sun.	19	5 ·94	11 ·93	17
26	Fri.	20	1 ·45	25 ·23	14				3 ·13	5 ·56	16	27	Mon.	20	6 ·91	12 ·93	18
27	Sat.	21	2 ·41	26 ·21	15	26	Thur.	21	4 ·03	6 ·49	17	28	Tues.	21	7 ·90	13 ·95	19
28	Sun.	22	3 ·34	27 ·18	16	27	Fri.	22	5 ·93	7 ·43	18	—29	Wed.	22	8 ·91	14 ·99	20
29	Mon.	23	4 ·26	1 ·14	17	28	Sat.	23	6 ·85	8 ·37	19	1	Thur.	23	9 ·94	... ...	21
30	Tues.	24	5 ·16	2 ·08	18	29	Sun.	24	7 ·77	9 ·33	20	2	Fri.	24	10 ·99	15 ·04	22
			6 ·06	3 ·02		—30	Mon.	25	8 ·70	10 ·30	21	3	Sat.	25	... ...	16 ·12	23
—31	Wed.	25	7 ·96	4 ·95	19	1	Tues.	26	9 ·66	11 ·28	22	4	Sun.	26	11 ·07	17 ·21	24
1	Thur.	26	8 ·86	5 ·88	20	2	Wed.	27	10 ·62	12 ·29	23	5	Mon.	27	12 ·15	18 ·32	25
2	Fri.	27	9 ·76	6 ·82	21	3	Thur.	28	11 ·62	13 ·31	24	6	Tues.	28	13 ·24	19 ·43	26
3	Sat.	28	10 ·67	7 ·75	22	4	Fri.	29	12 ·62	14 ·37	25	7	Wed.	29	14 ·32	20 ·53	27
4	Sun.	29	11 ·59	8 ·70	23	5	Sat.	30	13 ·65	15 ·43	26	8	Thur.	30	—A ·40	21 ·63	28
5	Mon.	30	12 ·52	9 ·66	24	6	Sun.	31	14 ·69	16 ·51	27	9	Fri.	31	1 ·48	22 ·71	—29
6	Tues.	31	13 ·47	10 ·64	25				—A ·77								

Kilaka. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* *H. 398 Śrāvaṇ.* *Kilaka.* **Kanyā—Purattāsi.** *Sukla.* **Āśvina.** *Bahula.* *H. 399 Muharram.* *Kilaka.* **Vṛiśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H. 399 Rabi-ul awwal.*

Kilaka. **Simha—Āvani.** *Sukla.* **Bhādrapada.** *Bahula.* *H. 398 Śrāvaṇ.* *Kilaka.* **Tulā—Aippasi.** *Sukla.* **Kārttika.** *Bahula.* *H. 399 Śafar.* *Kilaka.* **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H. 399 Rabi-ul akhir.*

Kilaka. **Kan.—Pur.** *Kilaka.* **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22 Śrav. 23. Dhani. 24. Śatab.

A.D. 1009. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·07.** **Śaka 931.** **Kaliyuga 4110.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·03.** **(S. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, ● English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.							**March.**							**May.**					
Kilaka. **Makara—Tai.**	10 Sat.	1	2 ·52	23 ·78		1		9 Tues.	1	2 ·72	27 ·50		1		9 Sun.	1	4 ·27	7 ·80		3
	11 Sun.	2	3 ·56	24 ·83		2		10 Wed.	2	3 ·67	1 ·48		2		10 Mon.	2	5 ·17	8 ·74		4
	12 Mon.	3	4 ·58	25 ·85		3		11 Thur.	3	4 ·59	2 ·44		3		11 Tues.	3	6 ·07	9 ·68		5
	13 Tues.	4	5 ·55	26 ·86		4		12 Fri.	4	5 ·51	3 ·39		4		12 Wed.	4	7 ·98	10 ·63		6
	14 Wed.	5	6 ·52	27 ·84		5		13 Sat.	5	6 ·42	4 ·32		5		13 Thur.	5	9 ·83	11 ·58		7
	15 Thur.	6	7 ·48	1 ·82		6		14 Sun.	6	7 ·32	5 ·26		6		14 Fri.	6	10 ·77	12 ·56		8
	16 Fri.	7	8 ·40	2 ·77				15 Mon.	7	8 ·22	6 ·19		7		15 Sat.	7	11 ·75	13 ·55		9
	17 Sat.	8	9 ·31	3 ·71		7		16 Tues.	8	9 ·12	7 ·12		8		16 Sun.	8	12 ·73	14 ·57		10
	18 Sun.	9	10 ·22	4 ·65		8		17 Wed.	9	10 ·03	8 ·06		9		17 Mon.	9	13 ·73	15 ·60		11
	19 Mon.	10	11 ·13	5 ·58		9				11 ·94					18 Tues.	10	14 ·76	16 ·65		12
	20 Tues.	11	12 ·04	6 ·51		10					9 ·00				19 Wed	11	℞ ·82	17 ·73		13
			13 ·94			11		18 Thur.	10	12 ·86	10 ·93		10		20 Thur.	12	1 ·88	8 82		14
	21 Wed.	12	14 ·85	7 ·45		12		19 Fri.	11	13 ·79	11 ·93		11		21 Fri.	13	2 ·95	19 ·93		15
	22 Thur.	13	℞ ·76	8 ·38		13		20 Sat.	12	14 ·75	12 ·91		12		22 Sat.	14	... ...	..		16
	23 Fri.	14	1 ·67	9 ·33		14		21 Sun.	13	℞ ·72	13 ·91		13		23 Sun.	15	3 04	20 ·03		17
	24 Sat.	15	2 61	10 ·29		15		22 Mon.	14	1 ·70	14 ·93		14		24 Mon.	16	4 ·13	21 14		18
	25 Sun.	16	3 57	11 ·23		16		23 Tues.	15	2 71	15 ·98		15		25 Tues.	17	5 19	22 ·24		19
	26 Mon.	17	4 ·55	12 ·26		17		24 Wed.	16	3 ·74	.. .		16		26 Wed.	18	6 ·24	23 ·32		20
	27 Tues.	18	5 53	13 ·27		18		25 Thur.	17	4 80	16 ·04		17		27 Thur.	19	7 29	24 ·40		21
	28 Wed.	19	6 54	14 ·30		19		26 Fri.	18	5 87	17 ·12		18		28 Fri.	20	8 ·32	25 ·44		22
	29 Thur.	20	7 ·58	15 ·35		20		27 Sat.	19	6 ·95	18 ·22		19		29 Sat.	21	9 32	26 ·47		23
	30 Fri	21	8 ·64	16 42		21		28 Sun.	20	..	19 32		20		30 Sun.	22	10 ·31	27 ·48		24
	1 Sat.	22	9 ·71	17 ·52		22		29 Mon.	21	7 ·03	20 ·43		21		31 Mon	23	11 ·27	1 ·46		25
	2 Sun.	23	10 ·78	18 ·62		23		30 Tues.	22	8 12	21 54		22		1 Tues.	24	12 ·22	2 ·44		26
	3 Mon.	24	11 ·86	19 72		24		1 Wed.	23	9 ·20	22 ·63		23		2 Wed.	25	13 ·15	3 ·40		27
	4 Tues.	25	12 ·95	20 ·83		25		2 Thur.	24	10 ·26	23 ·71		24				℞ 14 08			
	5 Wed.	26	.. ..	21 ·93		26		3 Fri.	25	11 ·30	24 ·77		25		3 Thur.	26	A ·98	4 ·34		28
	6 Thur.	27	13 ·04	... ...		27		4 Sat.	26	12 ·32	25 ·81		26		4 Fri.	27	1 88	5 ·28		29
	7 Fri.	28	14 ·11	22 ·02		28		5 Sun.	27	13 32	26 ·83		27		5 Sat.	28	2 ·78	6 ·21		—30
	8 Sat.	29	A ·16	23 ·09		29		6 Mon.	28	14 ·30	27 ·83		28		6 Sun.	29	3 ·68	7 ·15		1
	9 Sun.	30	1 ·18	24 ·14		—30		7 Tues.	29	—A ·27	1 ·84		29		7 Mon.	30	4 ·58	8 ·08		2
	10 Mon.	31	2 ·18	25 ·17		1		8 Wed.	30	1 21	2 ·77		—30					9 02		
								9 Thur.	31	2 ·14	3 ·72		1		8 Tues.	31	5 ·48	10 ·96		3
	Feb.							**April.**							**June.**					
Kilaka. **Kumbha—Māsi.**	11 Tues.	1	3 ·17	26 ·18		2				3 ·06										
	12 Wed.	2	4 ·14	27 ·18		3		10 Fri.	1	4 ·93	4 67		2		9 Wed.	1	6 ·39	11 ·92		4
	13 Thur.	3	5 ·09	1 15		4		11 Sat.	2	5 ·86	5 ·60		3		10 Thur.	2	7 ·31	12 ·89		5
	14 Fri.	4	6 ·02					12 Sun.	3	6 76	6 ·53		4		11 Fri.	3	8 ·25	13 ·88		6
			7 ·94	2 ·10		5		13 Mon.	4	7 ·66	7 46		5		12 Sat.	4	9 ·22	14 ·89		7
	15 Sat.	5	8 ·85	3 ·05				14 Tues.	5	8 ·56	8 ·39		6		13 Sun.	5	10 ·20	15 ·92		8
				4 ·99		6		15 Wed.	6	9 ·47	9 ·31		7		14 Mon.	6	11 ·22	16 96		9
	16 Sun.	6	9 ·75	5 ·92		7		16 Thur.	7	10 39	10 ·29		8		15 Tues.	7	12 ·24	..		10
	17 Mon.	7	10 ·65	6 ·86		8		17 Fri.	8	11 32	11 ·25		9		16 Wed.	8	13 ·28	17 ·03		11
	18 Tues.	8	11 ·55	7 79		9		18 Sat.	9	12 ·27	12 ·23		10		17 Thur.	9	14 ·35	18 ·13		12
	19 Wed.	9	12 ·45	8 ·72		10		19 Sun.	10	13 ·24	13 ·23		11		18 Fri.	10	℞ 43	19 22		13
	20 Thur.	10	13 ·34	9 ·66		11		20 Mon.	11	14 ·23	14 25		12		19 Sat.	11	1 ·51	20 ·33		14
	21 Fri.	11	14 ·29	10 62		12		21 Tues. ○	12	℞ ·24	15 ·29		13		20 Sun.	12	2 ·54	21 ·44		15
	22 Sat.	12	℞ ·22	11 ·60		13		22 Wed.	13	1 ·28	16 35		14		21 Mon.	13	3 ·67	22 ·54		16
	23 Sun.	13	1 ·18	12 ·58		14		23 Thur.	14	2 ·33	17 ·42		15		22 Tues.	14	4 ·73	23 ·63		17
	24 Mon.	14	2 15	13 ·59		15		24 Fri.	15	3 ·39	18 ·52		16		23 Wed.	15	5 ·77	24 71		18
	25 Tues.	15	3 ·13	14 ·61		16		25 Sat.	16	4 ·46	19 ·62		17		24 Thur.	16	6 ·80	25 ·76		19
	26 Wed.	16	4 ·15	15 ·66		17		26 Sun.	17	5 ·54	20 ·73		18		25 Fri.	17	7 ·80	26 ·79		20
	27 Thur.	17	5 ·18	16 ·74		18		27 Mon.	18	6 ·63	21 ·84		19		26 Sat.	18	8 ·79	27 ·80		21
	28 Fri.	18	6 24	17 ·82		19		28 Tues.	19	7 ·71	22 93		20		27 Sun.	19	9 ·74	1 ·80		22
	29 Sat.	19	7 ·31	18 ·92		20		29 Wed.	20	8 ·77	.. ..		21		28 Mon.	20	10 69	2 ·78		23
	30 Sun.	20	8 ·39	.. ...		21		30 Thur.	21	9 ·81	23 ·01		22		29 Tues.	21	11 ·61	3 ·73		24
	1 Mon.	21	9 ·47	19 ·02		22		31 Fri.	22	10 81	24 08		23		30 Wed.	22	12 ·52	4 68		25
	2 Tues.	22	10 ·56	20 ·13		23		1 Sat.	23	11 ·84	25 ·13		24		31 Thur.	23	13 ·43	5 ·62		26
	3 Wed.	23	11 65	21 24		24		2 Sun.	24	12 ·81	26 ·15		25		1 Fri.	24	14 ·4	6 55		27
	4 Thur.	24	12 ·70	22 ·33		25		3 Mon.	25	13 ·78	27 ·15		26		2 Sat.	25	A 24	7 ·49		28
	5 Fri.	25	13 ·75	23 ·40		26		4 Tues.	26	14 ·72	1 ·14		27		3 Sun.	26	1 ·14	8 ·42		29
	6 Sat.	26	14 ·78	24 ·46		27		5 Wed.	27	—A ·65	2 ·10		28				2 ·04			
	7 Sun.	27	—A ·78	25 ·49		28		6 Thur.	28	1 ·57	3 07		—29		4 Mon.	27	3 ·94	9 ·35		1
	8 Mon.	28	1 ·75	26 50		—29					4 ·01				5 Tues.	28	4 86	10 ·29		2
								7 Fri.	29	2 47	5 ·94		1		6 Wed.	29	5 ·79	11 ·25		3
								8 Sat.	30	3 ·37	6 87		2		7 Thur.	30	6 ·73	12 ·22		4

Saumya. **Vrish.—Vaigāsi.** *Saumya.* **Mēsha—Chittirai.** *Saumya.* **Vaiśākha.** *Saumya.* **Mithuna—Āni.** *Saumya.* **Kark.—Ādi.**

Kilaka. **Mīna—Panguni.** *Saumya.* **Chaitra.** *Saumya.* **Vrishabha—Vaigāsi.** *Saumya.* **Jyeshtha.** *Saumya.* **Ashadha.**

H. 389 Jumādā akhar. *H. 389 Rajab.* *H. 389 Sha'bān.* *H. 389 Ramazān.* *H. 389 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1009. **Kollam 185,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 400.** **Vikrama 1066.**
A—Amāvāsyā. Commences Commences **Aug. 25.** **Bengal San. 415.**
P—Paurnimā. **(N. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Fri.	1	*Sukla.* 7 ·70	13 ·21	5	7	Thur.	1	... ...	20 ·22	8	7	Tues.	1	11 ·55	26 ·37	10
8	Sat.	2	8 ·68	14 ·21	6	8	Fri.	2	10 ·02	21 ·34	9	8	Wed.	2	12 ·56	27 41	11
9	Sun.	3	9 ·70	15 ·23	7	9	Sat.	3	11 ·11	22 ·44	10	9	Thur.	3	13 ·55	1 ·42	12
10	Mon.	4	10 ·71	16 ·27	8	10	Sun.	4	12 ·18	23 ·54	11	10	Fri.	4	14 ·51	2 43	13
11	Tues.	5	11 ·76	17 ·35	9	11	Mon.	5	13 ·25	24 63	12	11	Sat.	5	P ·47	3 ·40	14
12	Wed.	6	12 ·82	18 ·43	10	12	Tues.	6	14 ·31	25 ·69	13	12	Sun.	6	1 ·40	4 ·36	15
13	Thur.	7	13 ·91	19 52	11	13	Wed.	7	P ·34	26 ·75	14	13	Mon.	7	2 33	5 ·31	16
14	Fri.	8	14 ·99	20 ·63	12	14	Thur.	8	1 ·35	27 ·77	15	14	Tues.	8	3 ·24	6 ·25	17
15	Sat.	9	... ...	21 ·73	13	15	Fri.	9	2 ·33	1 ·78	16	15	Wed.	9	4 15	7 ·18	18
16	Sun.	10	P ·06	22 ·85	14	16	Sat.	10	3 ·31	2 ·76	17	16	Thur.	10	5 05	8 ·12	19
17	Mon.	11	1 ·13	23 ·94	15	17	Sun.	11	4 ·25	3 73	18				6 ·95		
18	Tues.	12	2 ·20	.. ..	16	18	Mon.	12	5 ·19	4 ·69	19	17	Fri.	11	7 ·86	9 ·05	20
19	Wed.	13	3 ·26	24 ·01	17	19	Tues.	13	6 ·12	5 ·64	20					10 ·98	
20	Thur.	14	4 ·29	25 ·07	18				7 03			18	Sat.	12	8 ·77	11 ·92	21
21	Fri.	15	5 ·29	26 ·11	19	20	Wed.	14	8 ·93	6 ·57	21	19	Sun.	13	9 ·69	12 ·87	22
22	Sat.	16	6 ·27	27 ·13	20	21	Thur.	15	9 ·83	7 ·50	22	20	Mon.	14	10 ·67	13 85	23
23	Sun.	17	7 ·23	1 ·13	21	22	Fri.	16	10 ·73	8 ·43	23	21	Tues.	15	11 57	14 ·83	24
24	Mon.	18	8 ·19	2 ·10	22	23	Sat.	17	11 ·63	9 ·37	24	22	Wed.	16	12 ·55	15 ·83	25
25	Tues.	19	9 ·12	3 ·07	23	24	Sun.	18	12 ·54	10 ·31	25	23	Thur.	17	13 ·53	16 ·85	26
26	Wed.	20	10 ·04	4 ·02	24	25	Mon.	19	13 46	11 ·25	26	24	Fri.	18	14 ·56	17 ·89	27
			11 ·94	5 ·95		26	Tues.	20	14 ·39	12 ·21	27	25	Sat.	19	—A ·59	18 ·96	28
27	Thur.	21	12 ·84	6 90	25	27	Wed.	21	—A 33	13 ·18	28	26	Sun.	20	1 ·64	.. ..	29
28	Fri.	22	13 ·74	7 83	26	28	Thur.	22	1 ·30	14 ·17	29	27	Mon.	21	2 71	19 ·04	30
29	Sat.	23	14 ·64	8 ·76	27	29	Fri.	23	2 ·26	15 ·19	30	28	Tues.	22	3 79	20 ·18	1
30	Sun.	24	—A ·54	9 ·69	28	30	Sat.	24	3 ·31	16 ·22	1	29	Wed.	23	4 88	21 ·23	2
31	Mon.	25	1 ·44	10 ·63	29	31	Sun.	25	4 ·34	17 ·27	2	1	Thur.	24	5 ·97	22 ·34	3
1	Tues.	26	2 ·37	11 ·59	30	1	Mon.	26	5 ·38	18 ·34	3	2	Fri.	25	... ...	23 ·45	4
2	Wed.	27	3 ·30	12 ·55	1	2	Tues.	27	6 ·45	19 ·42	4	3	Sat.	26	6 ·05	24 ·55	5
3	Thur.	28	4 ·24	13 ·53	2	3	Wed.	28	7 ·52	20 ·53	5	4	Sun.	27	7 ·11	25 ·62	6
4	Fri.	29	5 ·20	14 ·53	3	4	Thur.	29	8 ·61	21 ·64	6	5	Mon.	28	8 ·17	26 ·68	7
5	Sat.	30	6 ·19	15 ·55	4	5	Fri.	30	9 ·69	22 ·74	7	6	Tues.	29	9 ·20	27 ·72	8
6	Sun.	31	7 ·19	16 59	5							7	Wed.	30	10 ·21	1 ·75	9
	Aug.						**Oct.**						**Dec.**				
7	Mon.	1	8 ·21	17 ·65	6	6	Sat.	1	10 ·77	23 ·84	8	8	Thur.	1	11 ·19	2 ·75	10
8	Tues.	2	9 ·26	18 ·73	7	7	Sun.	2	11 ·85	24 ·93	9	9	Fri.	2	12 ·16	3 ·73	11
9	Wed.	3	10 ·32	19 ·82	8	8	Mon.	3	12 ·90	.. ..	10	10	Sat.	3	13 ·11	4 ·69	12
10	Thur.	4	11 ·40	20 ·93	9	9	Tues.	4	13 ·93	25 ·01	11	11	Sun.	4	14 ·04	5 ·65	13
11	Fri.	5	12 ·43	.. ...	10	10	Wed.	5	14 ·94	25 06	12				P ·97		
12	Sat.	6	13 ·57	21 ·03	11	11	Thurs.	6	P ·93	27 ·09	13	12	Mon.	5	1 ·88	6 ·59	14
13	Sun.	7	14 ·65	22 ·15	12	12	Fri.	7	—1 ·89	1 ·10	14	13	Tues.	6	2 ·79	7 ·53	15
14	Mon.	8	P ·71	23 ·24	13	13	Sat.	8	2 ·85	2 ·09	15	14	Wed.	7	3 ·69	8 ·46	16
15	Tues.	9	1 ·77	24 ·32	14	14	Sun.	9	3 ·79	3 ·07	16	15	Thur.	8	4 ·59	9 ·39	17
16	Wed.	10	2 ·79	25 ·38	15	15	Mon.	10	4 ·71	4 ·03	17	16	Fri.	9	5 50	10 ·32	18
17	Thur.	11	3 ·80	26 ·42	16					5 ·97		17	Sat.	10	6 ·41	11 ·26	19
18	Fri.	12	4 ·78	27 ·45	17	16	Tues.	11	5 ·62	6 ·91	18	18	Sun.	11	7 ·34	12 ·22	20
19	Sat.	13	5 ·76	1 ·45	18	17	Wed.	12	6 ·52	7 ·84	19	19	Mon.	12	8 ·27	13 ·18	21
20	Sun.	14	6 ·70	2 ·43	19	18	Thur.	13	7 ·42	8 ·73	20	20	Tues.	13	9 ·22	14 ·15	22
21	Mon.	15	7 ·64	3 ·40	20	19	Fri.	14	8 ·33	9 ·71	21	21	Wed.	14	10 ·20	15 ·15	23
22	Tues.	16	8 ·56	4 ·35	21	20	Sat.	15	9 24	10 ·65	22	22	Thur.	15	11 ·18	16 ·16	24
23	Wed.	17	9 ·47	5 ·30	22	21	Sun.	16	10 ·15	11 ·59	23	23	Fri.	16	12 ·20	17 ·21	25
24	Thur.	18	10 ·37	6 ·24	23	22	Mon.	17	11 ·06	12 ·54	24	24	Sat.	17	13 ·24	18 ·26	26
25	Fri.	19	11 ·27	7 ·16	24				12 ·00			25	Sun.	18	14 ·29	19 ·34	27
26	Sat.	20	12 ·17	8 ·09	25	23	Tues.	18	13 ·94	13 ·51	25	26	Mon.	19	—A 35	20 ·43	28
			13 ·07	9 ·03								27	Tues.	20	1 ·44	21 53	29
27	Sun.	21	14 ·98	10 97	26	24	Wed.	19	14 ·92	14 ·50	26	28	Wed.	21	2 ·54	22 ·65	1
28	Mon.	22	—A ·90	11 ·92	27	25	Thur.	20	—A ·90	15 ·51	27	29	Thur.	22	3 ·63	23 ·75	2
29	Tues.	23	1 ·82	12 ·88	28	26	Fri.	21	1 ·92	16 ·53	28	30	Fri.	23	4 ·71	24 ·85	3
30	Wed.	24	2 ·76	13 ·86	29	27	Sat.	22	2 ·94	17 ·58	29	1	Sat.	24	5 ·77	25 93	4
31	Thur.	25	3 ·73	14 ·85	1	28	Sun.	23	3 ·99	18 ·64	1	2	Sun.	25	6 ·82	26 ·99	5
1	Fri.	26	4 ·72	15 ·87	2	29	Mon.	24	... ...	19 ·73	2	3	Mon.	26	7 84	.. ..	6
2	Sat.	27	5 ·74	16 ·91	3	30	Tues.	25	4 ·06	20 ·83	3	4	Tues.	27	8 ·84	27 ·04	7
3	Sun.	28	6 ·76	17 ·96	4	1	Wed.	26	5 ·14	21 ·94	4	5	Wed.	28	9 ·83	1 ·07	8
4	Mon.	29	7 ·80	...	5	2	Thur.	27	6 ·23	. ...	5	6	Thur.	29	10 ·81	2 ·08	9
5	Tues.	30	8 ·85	18 ·03	6	3	Fri.	28	7 ·32	22 ·04	6	7	Fri.	30	11 ·75	3 ·06	10
6	Wed.	31	9 ·93	19 ·12	7	4	Sat.	29	8 ·40	23 ·14	7					4 03	
						5	Sun.	30	9 ·48	24 ·24	8	8	Sat.	31	12 ·68	5 98	11
						6	Mon.	31	10 ·51	25 ·32	9						

Saumya. **Kan.—Pur.** | **Simha—Āvaṇi.** *Saumya.* | **Tulā—Aippasi.** *Saumya.* | **Kart.** | **Vṛischika—Kārttigai.** *Saumya.* | **Dhanus—Mārgali.** *Saumya.* | **Makara—Tai.** *Saumya.* | **Pausha.**

Bahula. | *Sukla.* | *Bahula.* | *Sukla.* | *Bahula.* | *Sukla.* | *Bahula.* | *Sukla.*

Sravana. | **Adhika Śrāvaṇa.** | *Bhādrapada.* | *Āśvina.* | *Kārttika.* | *Margaśirsha.* | *Pausha.*

H. 399 *Zi-l-ka'da.* | *H.* 400 *Muharram.* | *H.* 400 *Safar.* | *H.* 400 *Rabi'-al awwal.* | *H.* 400 *Jamādā'l awwal.* | *H.* 400 *Rabi'-al ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1010. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·33.** **Śaka 932.** **Kaliyuga 4111.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·29.** **(S. Cycle) Sâdhârana.**

Columns: SOLAR reckoning (Cyclic sidereal year, month and day; Week-day, English month and day) — LUNAR reckoning (Tithi ending Moment; Nakshatra ending Moment; Muhammadan year, month and day).

Jan. — Saumya. Makara—Tai. / Pausha, Bahula, Sukla / H. 400 Jamâda'l awwal.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
9	SUN. 1	13 ·60	6 ·93	12
10	Mon. 2	14 ·51	7 ·87	13
11	Tues. 3	P ·41	8 ·80	14
12	Wed. 4	1 ·31	9 ·73	15
13	Thur. 5	2 ·22	10 ·66	16
14	Fri. 6	3 ·13	11 ·60	17
15	Sat. 7	4 ·04 / 5 ·96	12 ·55	18
16	SUN. 8	6 ·91	13 ·51	19
17	Mon. 9	7 ·86	14 ·48	20
18	Tues. 10	8 ·83	15 ·47	21
19	Wed. 11	9 ·82	16 ·49	22
20	Thur. 12	10 ·84	17 ·52	23
21	Fri. 13	11 ·88	18 ·57	24
22	Sat. 14	12 ·93	19 ·64	25
23	SUN. 15	... ...	20 ·73	26
24	Mon. 16	13 ·00	21 ·83	27
25	Tues. 17	14 ·08	22 ·94	28
26	Wed. 18	—A ·17	... ...	29
27	Thur. 19	1 ·26	23 ·05	—30
28	Fri. 20	2 ·34	24 ·15	1
—29	Sat. 21	3 ·41	25 ·24	2
1	SUN. 22	4 ·46	26 ·30	3
2	Mon. 23	5 ·47	27 ·36	4
3	Tues. 24	6 ·48	1 ·39	5
4	Wed. 25	7 ·46	2 ·40	6
5	Thur. 26	8 ·43	3 ·39	7
6	Fri. 27	9 ·37	4 ·36	8
7	Sat. 28	10 ·31	5 ·32	9
8	SUN. 29	11 ·22	6 ·27	10
9	Mon. 30	12 ·13	7 ·21	11
10	Tues. 31	13 ·03 / 14 ·98	8 ·14	12

Feb. — Saumya. Kumbha—Mâsi. / Mâgha, Bahula, Sukla, Phâl. / H. 400 Jamâda'l âkhir. / H. 400 Rajab. / Saumya. Mina—Panguni.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
11	Wed. 1	P ·83	9 ·06	13
12	Thur. 2	1 ·74	10 ·01 / 11 ·94	14
13	Fri. 3	2 ·66	12 ·88	15
14	Sat. 4	3 ·58	13 ·84	16
15	SUN. 5	4 ·52	14 ·81	17
16	Mon. 6	5 ·47	15 ·80	18
17	Tues. 7	6 ·44	16 ·81	19
18	Wed. 8	7 ·43	17 ·83	20
19	Thur. 9	8 ·44	18 ·88	21
20	Fri. 10	9 ·49	19 ·95	22
21	Sat. 11	10 ·54	... ...	23
22	SUN. 12	11 ·62	20 ·03	24
23	Mon. 13	12 ·70	21 ·14	25
24	Tues. 14	13 ·78	22 ·24	26
25	Wed. 15	14 ·87	23 ·35	27
26	Thur. 16	—A ·95	24 ·45	28
27	Fri. 17	... ...	25 ·54	—29
28	Sat. 18	1 ·01	26 ·62	1
29	SUN. 19	2 ·05	27 ·68	2
—30	Mon. 20	3 ·07	1 ·71	3
1	Tues. 21	4 ·07	2 ·72	4
2	Wed. 22	5 ·06	3 ·71	5
3	Thur. 23	6 ·02 / 7 ·96	4 ·70	6
4	Fri. 24	8 ·90	5 ·66	7
5	Sat. 25	9 ·81	6 ·60	8
6	SUN. 26	10 ·71	7 ·54	9
7	Mon. 27	11 ·61	8 ·47	10
8	Tues. 28	12 ·51	9 ·41	11

March. — Saumya. Mina—Panguni. / Phâlguna, Bahula, Sukla / H. 400 Rajab.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
9	Wed. 1	13 ·41	10 ·34	12
10	Thur. 2	14 ·32	11 ·28	13
11	Fri. 3	P ·24	12 ·22	14
12	Sat. 4	1 ·16	13 ·17	15
13	SUN. 5	2 ·10	14 ·14	16
14	Mon. 6	3 ·05	15 ·13	17
15	Tues. 7	4 ·03	16 ·13	18
16	Wed. 8	5 ·01	17 ·15	19
17	Thur. 9	6 ·03	18 ·19	20
18	Fri. 10	7 ·07	19 ·25	21
19	Sat. 11	8 ·11	20 ·34	22
20	SUN. 12	9 ·19	21 ·44	23
21	Mon. 13	10 ·27	22 ·54	24
22	Tues. 14	11 ·36	23 ·65	25
23	Wed. 15	12 ·44	24 ·75	26
24	Thur. 16	13 ·52	25 ·85	27
25	Fri. 17	14 ·57	26 ·93	28
26	Sat. 18	—A ·61	27 ·99	29
27	SUN. 19	1 ·63	... ...	—30
28	Mon. 20	2 ·63	1 ·03	1
29	Tues. 21	3 ·62	2 ·04	2
—30	Wed. 22	4 ·58	3 ·05	3
1	Thur. 23	5 ·52	4 ·03 / 5 ·99	4
2	Fri. 24	6 ·45	6 ·94	5
3	Sat. 25	7 ·36	7 ·88	6
4	SUN. 26	8 ·27	8 ·82	7
5	Mon. 27	9 ·17	9 ·75	8
6	Tues. 28	10 ·07 / 11 ·97	10 ·68	9
7	Wed. 29	12 ·87	11 ·61	10
8	Thur. 30	13 ·78	12 ·55	11
9	Fri. 31	14 ·70	13 ·50	12

April. — Sâdhârana. Mêsha—Chittirai. / Chaitra, Bahula, Sukla, Vaiśâkha / H. 400 Sha'bân. / H. 400 Ramazân. / Sâdhârana. Vrish.—Vaigâsi.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
10	Sat. ○ 1	P ·64	14 ·47	13
11	SUN. 2	1 ·59	15 ·45	14
12	Mon. 3	2 ·56	16 ·45	15
13	Tues. 4	3 ·54	17 ·46	16
14	Wed. 5	4 ·56	18 ·50	17
15	Thur. 6	5 ·60	19 ·57	18
16	Fri. 7	6 ·65	20 ·64	19
17	Sat. 8	7 ·72	21 ·74	20
18	SUN. 9	8 ·79	22 ·84	21
19	Mon. 10	9 ·87	23 ·94	22
20	Tues. 11	10 ·96	... ...	23
21	Wed. 12	... ...	24 ·06	24
22	Thur. 13	11 ·04	25 ·15	25
23	Fri. 14	12 ·10	26 ·24	26
24	Sat. 15	13 ·15	27 ·30	27
25	SUN. 16	14 ·16	1 ·34	28
26	Mon. 17	—A ·15	2 ·37	—29
27	Tues. 18	1 ·14	3 ·37	1
28	Wed. 19	2 ·10	4 ·36	2
29	Thur. 20	3 ·04 / 4 ·96	5 ·32	3
30	Fri. 21	5 ·88	6 ·28	4
—31	Sat. 22	6 ·79	7 ·22	5
1	SUN. 23	7 ·69	8 ·16	6
2	Mon. 24	8 ·59	9 ·09	7
3	Tues. 25	9 ·48	10 ·02 / 11 ·95	8
4	Wed. 26	10 ·38	12 ·89	9
5	Thur. 27	11 ·29	13 ·85	10
6	Fri. 28	12 ·22	14 ·80	11
7	Sat. 29	13 ·16	15 ·78	12
8	SUN. 30	14 ·10	16 ·77	13

May. — Sâdhârana. Vrishabha—Vaigâsi. / Vaiśâkha, Bahula, Sukla / H. 400 Ramazân. / H. 400 Shawwâl.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
9	Mon. 1	P ·07	17 ·78	14
10	Tues. 2	1 ·05	18 ·82	15
11	Wed. 3	2 ·07	19 ·88	16
12	Thur. 4	3 ·10	20 ·95	17
13	Fri. 5	4 ·15	... ...	18
14	Sat. 6	5 ·22	21 ·04	19
15	SUN. 7	6 ·30	22 ·14	20
16	Mon. 8	7 ·38	23 ·25	21
17	Tues. 9	8 ·46	24 ·36	22
18	Wed. 10	9 ·54	25 ·46	23
19	Thur. 11	10 ·59	26 ·54	24
20	Fri. 12	11 ·63	27 ·61	25
21	Sat. 13	12 ·65	1 ·66	26
22	SUN. 14	13 ·65	2 ·69	27
23	Mon. 15	14 ·63	3 ·70	28
24	Tues. 16	—A ·60	4 ·68	29
25	Wed. 17	1 ·54	5 ·65	—30
26	Thur. 18	2 ·46	6 ·61	1
27	Fri. 19	3 ·38	7 ·56	2
28	Sat. 20	4 ·28	8 ·50	3
29	SUN. 21	5 ·18	9 ·43	4
30	Mon. 22	6 ·08 / 7 ·98	10 ·36	5
31	Tues. 23	8 ·88	11 ·29	6
—32	Wed. 24	9 ·78	12 ·23	7
1	Thur. 25	10 ·71	13 ·18	8
2	Fri. 26	11 ·64	14 ·13	9
3	Sat. 27	12 ·58	15 ·10	10
4	SUN. 28	13 ·55	16 ·09	11
5	Mon. 29	14 ·54	17 ·11	12
6	Tues. 30	P ·54	18 ·14	13
7	Wed. 31	1 ·57	19 ·18	14

June. — Sâdhârana. Mithuna—Âni. / Jyeshtha, Bahula, Sukla, Âshâdha / H. 400 Zi.l-ka'da.

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
8	Thur. 1	2 ·62	20 ·25	15
9	Fri. 2	3 ·68	21 ·34	16
10	Sat. 3	4 ·76	22 ·44	17
11	SUN. 4	5 ·85	23 ·55	18
12	Mon. 5	6 ·94	24 ·66	19
13	Tues. 6	... ...	25 ·76	20
14	Wed. 7	7 ·00	26 ·84	21
15	Thur. 8	8 ·06	27 ·92	22
16	Fri. 9	9 ·11	1 ·98	23
17	Sat. 10	10 ·12	... ...	24
18	SUN. 11	11 ·13	2 ·01	25
19	Mon. 12	12 ·11	3 ·02	26
20	Tues. 13	13 ·07	4 ·01 / 5 ·98	27
21	Wed. 14	14 ·08 / A ·96	6 ·95	28
22	Thur. 15	1 ·87	7 ·90	29
23	Fri. 16	2 ·77	8 ·84	1
24	Sat. 17	3 ·67	9 ·77	2
25	SUN. 18	4 ·57	10 ·70	3
26	Mon. 19	5 ·47	11 ·64	4
27	Tues. 20	6 ·37	12 ·57	5
28	Wed. 21	7 ·28	13 ·51	6
29	Thur. 22	8 ·19	14 ·47	7
30	Fri. 23	9 ·13	15 ·43	8
—31	Sat. 24	10 ·08	16 ·48	9
1	SUN. 25	11 ·03	17 ·43	10
2	Mon. 26	12 ·01	18 ·45	11
3	Tues. 27	13 ·02	19 ·49	12
4	Wed. 28	14 ·06	20 ·56	13
5	Thur. 29	P ·10	21 ·65	14
6	Fri. 30	1 ·16	22 ·74	15

Naksh:—1 Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push 9. Aślesh. 10. Magh 11. P. Phal 12. U. Phal
25 P. Bhad. 26. U. Bhad. 27 Rev.

A.D. 1010. **Kollam 186,** (**N. Malabar—Aug.** **Hijra 401.** **Vikrama 1067.**
A—Amāvāsyā. Commences (**S. Malabar—July.** Commences **Aug. 15.** **Bengal San. 416.**
P—Paurnimā. **(N. Cycle) Paridhāvin**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
July.								**Sep.**								**Nov.**							
7	Sat.	1	2	·24	23	·85	16	6	Fri.	1	5	·65	3	·99	18	7	Wed.	1	7	·52	9	·47	20
8	Sun.	2	3	·32	24	·95	17	7	Sat.	2	6	·64	...	...	19	8	Thur.	2	8	·42	10	·40	21
9	Mon.	3	4	·41	...	...	18	8	Sun.	3	7	·61	4	·00	20	9	Fri.	3	9	·32	11	·34	22
10	Tues.	4	5	·48	25	·06	19						5	·98		10	Sat.	4	10	·23	12	·27	23
11	Wed.	5	6	·54	26	·15	20	9	Mon.	4	8	·56	6	·95	21	11	Sun.	5	11	·14	13	·20	24
12	Thur.	6	7	·59	27	·23	21	10	Tues.	5	9	·48	7	·90	22	12	Mon.	6	12	·05	14	·14	25
13	Fri.	7	8	·62	1	·29	22	11	Wed.	6	10	·40	8	·86	23				13	96			
14	Sat.	8	9	·61	2	·33	23	12	Thur.	7	11	·32	9	·79	24	13	Tues.	7	14	·89	15	·09	26
15	Sun.	9	10	·59	3	·34	24	13	Fri.	8	12	·22	10	·72	25	14	Wed.	8	—A	·85	16	·06	27
16	Mon.	10	11	·56	4	·31	25	14	Sat.	9	13	·12	11	·65	26	15	Thur.	9	1	·83	17	·05	28
17	Tues.	11	12	·50	5	·32	26				14	·02				16	Fri.	10	2	·82	18	·05	29
18	Wed.	12	13	·44	6	·29	27	15	Sun.	10	A	·92	12	·58	27	17	Sat.	11	3	·83	19	·07	30
19	Thur.	13	14	·35	7	·23	28	16	Mon.	11	1	·83	13	·52	28	18	Sun.	12	4	·88	20	·11	1
20	Fri.	14	—A	·26	8	·17	29	17	Tues.	12	2	·75	14	·47	29	19	Mon.	13	5	·93	21	·17	2
21	Sat.	15	1	·16	9	·11	30	18	Wed.	13	3	·69	15	·43	30	20	Tues.	14	...	...	22	·26	3
			2	·06	10	·05		19	Thur.	14	4	·63	16	·40	1	21	Wed.	15	6	·00	23	·35	4
22	Sun.	16	3	·96	11	·98	1	20	Fri.	15	5	·61	17	·39	2	22	Thur.	16	7	·07	24	·45	5
23	Mon.	17	4	·86	12	·91	2	21	Sat.	16	6	·59	18	·40	3	23	Fri.	17	8	·16	25	·56	6
24	Tues.	18	5	·77	13	·85	3	22	Sun.	17	7	·61	19	·44	4	24	Sat.	18	9	·25	26	·66	7
25	Wed.	19	6	·68	14	·80	4	23	Mon.	18	8	·63	20	·49	5	25	Sun.	19	10	·33	27	·77	8
26	Thur.	20	7	·61	15	·77	5	24	Tues.	19	9	·69	21	·56	6	26	Mon.	20	11	·40	1	·84	9
27	Fri.	21	8	·55	16	·75	6	25	Wed.	20	10	·75	22	·64	7	27	Tues.	21	12	·45	2	·90	10
28	Sat.	22	9	·53	17	·75	7	26	Thur.	21	11	·83	23	·74	8	28	Wed.	22	13	·48	3	·94	11
29	Sun.	23	10	·51	18	·77	8	27	Fri.	22	12	·91	24	·86	9	29	Thur.	23	14	·49	4	·96	12
30	Mon.	24	11	·51	19	·80	9	28	Sat.	23	13	·99	25	·96	10	—30	Fri.	24	P	·47	5	·97	13
31	Tues.	25	12	·55	20	·86	10	29	Sun.	24	...	...	...	...	11	1	Sat.	25	1	·44	6	·95	14
—32	Wed.	26	13	·59	21	·95	11	—30	Mon.	25	14	·07	26	·06	12	2	Sun.	26	2	·39	7	·91	15
1	Thur.	27	14	·63	...	...	12	1	Tues.	26	P	·14	27	·15	13	3	Mon.	27	3	·32	8	·87	16
2	Fri.	28	P	·73	22	·04	13	2	Wed.	27	1	·20	1	·22	14	4	Tues.	28	4	·24	9	·81	17
3	Sat.	29	1	·81	23	·15	14	3	Thur.	28	2	·22	2	·27	15	5	Wed.	29	5	·15	10	·74	18
4	Sun.	30	2	·90	24	·25	15	4	Fri.	29	3	·24	3	·31	16				6	·06			
5	Mon.	31	3	·97	25	·36	16	5	Sat.	30	4	·22	4	·32	17	6	Thur.	30	7	·96	11	·68	19
Aug.								**Oct.**								**Dec.**							
6	Tues.	1	...	...	26	·46	17	6	Sun.	1	5	·18	5	·31	18	7	Fri.	1	8	·86	12	·61	20
7	Wed.	2	4	·01	27	·54	18	7	Mon.	2	6	·14	6	·28	19	8	Sat.	2	9	·77	13	·54	21
8	Thur.	3	5	·08	1	·60	19	8	Tues.	3	7	·07	7	·24	20	9	Sun.	3	10	·68	14	·48	22
9	Fri.	4	6	·11	2	·64	20				8	·00				10	Mon.	4	11	·60	15	·43	23
10	Sat.	5	7	·11	3	·66	21	9	Wed.	4	9	·91	8	·19	21	11	Tues.	5	12	·55	16	·40	24
11	Sun.	6	8	·10	4	·67	22	10	Thur.	5	10	·81	9	·13	22	12	Wed.	6	13	·50	17	·37	25
12	Mon.	7	9	·06	5	·65	23	11	Fri.	6	11	·71	10	·06	23	13	Thur.	7	14	·47	18	·37	26
			10	·02									11	·99		14	Fri.	8	—A	·46	19	·38	27
13	Tues.	8	11	·95	6	·62	24	12	Sat.	7	12	·61	12	·93	24	15	Sat.	9	1	·48	20	·42	28
14	Wed.	9	12	·86	7	·57	25	13	Sun.	8	13	·51	13	·87	25	16	Sun.	10	2	·52	21	·48	29
15	Thur.	10	13	·77	8	·51	26	14	Mon.	9	14	·43	14	·81	26	17	Mon.	11	3	·57	22	·56	1
16	Fri.	11	14	·67	9	·45	27	15	Tues.	10	—A	·35	15	·76	27	18	Tues.	12	4	·65	23	·65	2
17	Sat.	12	—A	·57	10	·38	28	16	Wed.	11	1	·28	16	·73	28	19	Wed.	13	5	·73	24	·75	3
18	Sun.	13	1	·47	11	·31	29	17	Thur.	12	2	·23	17	·71	29	20	Thur.	14	6	·82	25	·86	4
19	Mon.	14	2	·37	12	·25	—30	18	Fri.	13	3	·20	18	·73	1	21	Fri.	15	7	·91	26	·87	5
20	Tues.	15	3	·28	13	·18	1	19	Sat.	14	1	·19	19	·75	2	22	Sat.	16	8	·98	...	...	6
21	Wed	16	4	·19	14	·13	2	20	Sun.	15	5	·21	20	·80	3	23	Sun.	17	...	...	27	·07	7
22	Thur.	17	5	·13	15	·10	3	21	Mon.	16	6	·23	21	·86	4	24	Mon.	18	9	·05	1	·15	8
23	Fri.	18	6	·07	16	·08	4	22	Tues.	17	7	·29	22	·94	5	25	Tues.	19	10	·10	2	·21	9
24	Sat.	19	7	·05	17	·07	5	23	Wed.	18	8	·35	...	...	6	26	Wed.	20	11	·13	3	·26	10
25	Sun.	20	8	·03	18	·08	6	24	Thur.	19	9	·41	23	·05	7	27	Thur.	21	12	·13	4	·28	11
26	Mon.	21	9	·05	19	·12	7	25	Fri.	20	10	·53	24	·16	8	28	Fri.	22	13	·12	5	·30	12
27	Tues.	22	10	·07	20	·18	8	26	Sat.	21	11	·62	25	·26	9	—29	Sat.	23	14	·08	6	·28	13
28	Wed.	23	11	·12	21	·25	9	27	Sun.	22	12	·69	26	·36	10				P	·03			
29	Thur.	24	12	·17	22	·34	10	28	Mon.	23	13	·75	27	·45	11	1	Sun.	24	1	·96	7	·25	14
30	Fri.	25	13	·25	23	·44	11	29	Tues.	24	14	·81	1	·54	12	2	Mon.	25	2	·89	8	·20	15
—31	Sat.	26	14	·31	24	·55	12	—30	Wed.	25	P	·84	2	·59	13	3	Tues.	26	3	·79	9	·14	16
1	Sun.	27	P	·42	25	·67	13	1	Thur.	26	1	·85	3	·63	14	4	Wed.	27	4	·69	10	·09	17
2	Mon.	28	1	·50	26	·76	14	2	Fri.	27	2	·83	4	·64	15						11	·02	
3	Tues.	29	2	·57	27	·85	15	3	Sat.	28	3	·81	5	·64	16	5	Thur.	28	5	·59	12	·95	18
4	Wed.	30	3	·62	1	·91	16	4	Sun.	29	4	·75	6	·62	17	6	Fri.	29	6	·50	13	·88	19
5	Thur.	31	4	·64	2	·96	17	5	Mon.	30	5	·69	7	·58	18	7	Sat.	30	7	·41	14	·81	20
								6	Tues.	31	6	·61	8	·53	19	8	Sun.	31	8	·32	15	·77	21

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1011. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·59.** **Śaka 933.** **Kaliyuga 4112.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·55.** **(S. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.							**March.**							**May.**					
9	Mon.	1	9 ·25		16 ·73	22	9	Thur.	1	9 ·31		20 ·37	22	9	Tues.	1	11 ·70		26 ·46	24
10	Tues.	2	10 ·19		17 ·70	23	10	Fri.	2	10 ·34		21 ·41	23	10	Wed.	2	12 ·80		27 ·58	25
11	Wed.	3	11 ·14		18 ·69	24	11	Sat.	3	11 ·37		22 ·47	24	11	Thur.	3	13 ·87		1 ·68	26
12	Thur.	4	12 ·12		19 ·70	25	12	Sun.	4	12 ·43		23 ·55	25	12	Fri.	4	14 ·93		2 ·76	27
13	Fri.	5	13 ·10		20 ·74	26	13	Mon.	5	13 ·51		24 ·66	26	13	Sat.	5	—**A** ·96		3 ·83	28
14	Sat.	6	14 ·13		21 ·79	27	14	Tues.	6	14 ·59		25 ·76	27	14	Sun.	6	1 ·98		4 ·88	29
15	Sun.	7	—**A** ·17		22 ·86	28	15	Wed.	7	—**A** ·67		26 ·87	28	15	Mon.	7	2 ·97		5 ·91	—30
16	Mon.	8	1 ·22		23 ·95	29	16	Thur.	8	1 ·76		27 ·97	29	16	Tues.	8	3 ·96		6 ·92	1
17	Tues.	9	2 ·29		... ...	—30	17	Fri.	9	2 ·83		... ...	—30	17	Wed.	9	4 ·92		7 ·90	2
18	Wed.	10	3 ·38		24 ·05	1	18	Sat.	10	3 ·88		1 ·06	1	18	Thur.	10	5 ·86		8 ·87	3
19	Thur.	11	4 ·47		25 ·17	2	19	Sun.	11	4 ·93		2 ·15	2	19	Fri.	11	6 ·79		9 ·83	4
20	Fri.	12	5 ·55		26 ·27	3	20	Mon.	12	5 ·95		3 ·21	3	20	Sat.	12	7 ·69		10 ·77	5
21	Sat.	13	6 ·63		27 ·37	4	21	Tues.	13	6 ·95		4 ·25	4	21	Sun.	13	8 ·59		11 ·72	6
22	Sun.	14	7 ·70		1 ·46	5	22	Wed.	14	7 ·93		5 ·26	5	22	Mon.	14	9 ·49		12 ·65	7
23	Mon.	15	8 ·74		2 ·52	6	23	Thur.	15	8 ·89		6 ·26	6	23	Tues.	15	10 ·39		13 ·58	8
24	Tues.	16	9 ·76		3 ·57	7	24	Fri.	16	9 ·82		7 ·25	7	24	Wed.	16	11 ·29		14 ·51	9
25	Wed.	17	10 ·76		4 ·61	8	25	Sat.	17	10 ·74		8 ·21	8	25	Thur.	17	12 ·19		15 ·44	10
26	Thur.	18	11 ·75		5 ·62	9	26	Sun.	18	11 ·66		9 ·16	9	26	Fri.	18	13 ·10		16 ·40	11
27	Fri.	19	12 ·72		6 ·61	10	27	Mon.	19	12 ·57		10 ·10	10	27	Sat.	19	14 ·02		17 ·35	12
28	Sat.	20	13 ·66		7 ·58	11											**P** ·94			
—29	Sun.	21	14 ·59		8 ·53	12	28	Tues.	20	13 ·47		11 ·03 12 ·91	11	28	Sun.	20	1 ·90		18 ·32	13
1	Mon.	22	**P** ·51		9 ·49	13	29	Wed.	21	14 ·37		13 ·90	12	29	Mon.	21	2 ·88		19 ·31	14
2	Tues.	23	1 ·42		10 ·42	14	30	Thur.	22	**P** ·27		14 ·83	13	30	Tues.	22	3 ·86		20 ·32	15
3	Wed.	24	2 ·32		11 ·35	15	—31	Fri.	23	1 ·18		15 ·77	14	31	Wed.	23	4 ·87		21 ·36	16
4	Thur.	25	3 ·22		12 ·28	16	1	Sat.	24	2 ·09		16 ·72	15	—32	Thur.	24	5 ·90		22 ·40	17
5	Fri.	26	4 ·12		13 ·21	17	2	Sun.	25	3 ·01		17 ·68	16	1	Fri.	25	6 ·96		23 ·47	18
6	Sat.	27	5 ·02		14 ·16	18				4 ·94				2	Sat.	26	... ...		24 ·56	19
			6 ·93				3	Mon.	26	5 ·89		18 ·67	17	3	Sun.	27	7 ·04		25 ·66	20
7	Sun.	28	7 ·86		15 ·10	19	4	Tues.	27	6 ·87		19 ·67	18	4	Mon.	28	8 ·12		26 ·77	21
8	Mon.	29	8 ·80		16 ·06	20	5	Wed.	28	7 ·86		20 ·68	19	5	Tues.	29	9 ·20		27 ·88	22
9	Tues.	30	9 ·76		17 ·03	21	6	Thur.	29	8 ·87		21 ·72	20	6	Wed.	30	10 ·27		1 ·98	23
10	Wed.	31	10 ·74		18 ·01	22	7	Fri.	30	9 ·92		22 ·78	21	7	Thur.	31	11 ·34		... ...	24
							8	Sat.	31	10 ·97		23 ·86	22							
	Feb.							**April.**							**June.**					
11	Thur.	1	11 ·72		19 ·03	23	9	Sun.	1	... ...		24 ·96	23	8	Fri.	1	12 ·40		2 ·07	25
12	Fri.	2	12 ·74		20 ·05	24	10	Mon.	2	11 ·04		... ...	24	9	Sat.	2	13 ·44		3 ·14	26
13	Sat.	3	13 ·79		21 ·10	25	11	Tues.	3	12 ·13		25 ·06	25	10	Sun.	3	14 ·45		4 ·20	27
14	Sun.	4	14 ·85		22 ·17	26	12	Wed.	4	13 ·21		26 ·17	26	11	Mon.	4	—**A** ·45		5 ·23	28
15	Mon.	5	—**A** ·92		23 ·25	27	13	Thur.	5	14 ·28		27 ·27	27	12	Tues.	5	1 ·44		6 ·24	—29
16	Tues.	6	... ...		24 ·35	28	14	Fri.	6	—**A** ·35		1 ·38	28	13	Wed.	6	2 ·40		7 ·23	1
17	Wed.	7	1 ·00		25 ·46	—29	15	Sat.	7	1 ·42		2 ·46	—29	14	Thur.	7	3 ·34		8 ·20	2
18	Thur.	8	2 ·09		26 ·57	1	16	Sun.	8	2 ·46		3 ·52	1	15	Fri.	8	4 ·26		9 ·16	3
19	Fri.	9	3 ·17		27 ·67	2	17	Mon.	9	3 ·47		4 ·56	2	16	Sat.	9	5 ·17		10 ·12	4
20	Sat.	10	4 ·25		1 ·76	3	18	Tues.	10	4 ·48		5 ·58	3	17	Sun.	10	6 ·07		11 ·06	5
21	Sun.	11	5 ·31		2 ·83	4	19	Wed.	11	5 ·45		6 ·59	4				7 ·97		12 ·99	
22	Mon.	12	6 ·36		3 ·90	5	20	Thur.	12	6 ·42		7 ·58	5	18	Mon.	11	8 ·87		13 ·92	6
23	Tues.	13	7 ·37		4 ·93	6	21	Fri.	13	7 ·35		8 ·54	6	19	Tues.	12	9 ·77		14 ·85	7
24	Wed.	14	8 ·38		5 ·94	7	22	Sat	14	8 ·28		9 ·49	7	20	Wed.	13	10 ·67		15 ·79	8
25	Thur.	15	9 ·36		6 ·93	8	23	Sun.	15	9 ·19		10 ·44	8	21	Thur.	14	11 ·58		16 ·73	9
26	Fri.	16	10 ·32		7 ·91	9	24	Mon.	16	10 ·09		11 ·38	9	22	Fri.	15	12 ·50		17 ·69	10
27	Sat.	17	11 ·26		8 ·88	10				11 ·99				23	Sat.	16	13 ·43		18 ·65	11
28	Sun.	18	12 ·18		9 ·82	11	25	Tues.	17	12 ·89		12 ·31	10	24	Sun.	17	14 ·38		19 ·64	12
29	Mon.	19	13 ·10		10 ·76	12	26	Wed.	18	13 ·79		13 ·24	11	25	Mon.	18	**P** ·36		20 ·65	13
—30	Tues.	20	14 ·01		11 ·69	13	27	Thur.	19	14 ·69		14 ·17	12	26	Tues.	19	1 ·34		21 ·67	14
			P ·91				28	Fri.	20	**P** ·60		15 ·11	13	27	Wed.	20	2 ·35		22 ·71	15
1	Wed.	21	1 ·81		12 ·62	14	29	Sat.	21	1 ·52		16 ·05	14	28	Thur.	21	3 ·38		23 ·78	16
2	Thur.	22	2 ·71		13 ·56	15	—30	Sun.	22	2 ·47		17 ·02	15	29	Fri.	22	4 ·43		24 ·86	17
3	Fri.	23	3 ·62		14 ·50	16	1	Mon.	23	3 ·42		18 ·00 19 ·99	16	30	Sat.	23	5 ·49		25 ·96	18
4	Sat.	24	4 ·53		15 ·44	17								—31	Sun.	24	6 ·57		... ...	19
5	Sun.	25	5 ·46		16 ·39	18	2	Tues.	24	4 ·38		... ...	17	1	Mon.	25	7 ·65		26 ·07	20
6	Mon.	26	6 ·39		17 ·36	19	3	Wed.	25	5 ·37		20 ·00	18	2	Tues.	26	8 ·73		27 ·18	21
7	Tues.	27	7 ·36		18 ·35	20	4	Thur.	26	6 ·38		21 ·03	19	3	Wed.	27	9 ·81		1 ·28	22
8	Wed.	28	8 ·33		19 ·35	21	5	Fri.	27	7 ·43		22 ·10	20	4	Thur.	28	10 ·88		2 ·37	23
							6	Sat.	28	8 ·48		23 ·17	21	5	Fri.	29	11 ·92		3 ·44	24
							7	Sun.	29	9 ·55		24 ·26	22	6	Sat.	30	12 ·93		4 ·51	25
							8	Mon.	30	10 ·62		25 ·36	23							

Sādhārana. **Makara—Tai.** *Śukla.* *Bahula.* **Māgha.** *H. 401 Jamāda'l ākhir.*

Sādhārana. **Kumbha—Māśi.** *Śukla.* *Bahula.* **Phālguna.** *H. 401 Rajab.*

Virodhakrit. **Vrish.—Vaigāśi.** *Bahula.*

Sādhārana. **Mina—Paṅguni.** *Śukla.* *Bahula.* **Chaitra.** *H. 401 Sha'bān.*

Virodhakrit. **Mēsha—Chittirai.** *Śukla.* *Bahula.* **Vaiśākha.** *H. 401 Ramazān.*

Virodhakrit. **Vrishabha—Vaigāśi.** *Śukla.* *Bahula.* **Jyeshtha.** *H. 401 Shawwāl.*

Virodhakrit. **Mithuna—Āni.** *Śukla.* *Bahula.* **Āshādha.** *H. 401 Zi-l-ka'da.*

Virodhakrit. **Kark.—Ādi.**

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26 U. Bhad. 27. Rev.

A.D. 1011. **Kollam 187,** { **N. Malabar—Aug.** **Hijra 402.** **Vikrama 1068.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 4.** **Bengal San. 417.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Sun.	1	13 ·93	5 ·55	26				1 ·52	12 ·01 / 13 ·94	29		Thur.	1	3 ·19	19 ·28	1
	Mon.	2	14 ·92	6 ·56	27	6	Sat.	1				7	Fri.	2	4 ·14	20 ·26	2
	Tues.	3	A ·87	7 ·56	28	7	Sun.	2	2 ·42	14 ·87	—30	8	Sat.	3	5 ·12	21 ·27	3
	Wed.	4	1 ·82	8 ·53	29	8	Mon.	3	3 ·32	15 ·80	1	9	Sun.	4	6 ·10	22 ·29	4
	Thur.	5	2 ·75	9 ·51	—30	9	Tues.	4	4 ·22	16 ·74	2	10	Mon.	5	7 ·13	23 ·33	5
	Fri.	6	3 ·67	10 ·45	1	10	Wed.	5	5 ·13	17 ·68	3	11	Tues.	6	8 ·16	24 ·39	6
	Sat.	7	4 ·57	11 ·39	2				*Śukla.*			12	Wed.	7	9 ·21	25 ·47	7
	Sun.	8	5 ·47	12 ·33	3	11	Thur.	6	6 ·05 / 7 ·99	18 ·65	4	13	Thur.	8	10 ·28	26 ·57	8
	Mon.	9	6 ·37	13 ·26	4	12	Fri.	7	8 ·93	19 ·62	5	14	Fri.	9	11 ·37	27 ·67	9
	Tues.	10	7 ·27	14 ·19	5	13	Sat.	8	9 ·90	20 ·61	6	15	Sat.	10	12 ·46	1 ·78	10
	Wed.	11	8 ·17	15 ·13	6	14	Sun.	9	10 ·89	21 ·62	7	16	Sun.	11	13 ·55	2 ·88	11
	Thur.	12	9 ·07 / 10 ·99	16 ·07	7	15	Mon.	10	11 ·91	22 ·65	8	17	Mon.	12	14 ·63	3 ·98	12
						16	Tues.	11	12 ·94	23 ·71	9	18	Tues.	13	P ·70	... ...	13
	Fri.	13	11 ·92	17 ·02 / 18 ·98	8	17	Wed.	12	13 ·98	24 ·78	10	19	Wed.	14	1 ·75	4 ·07	14
	Sat.	14	12 ·88	19 ·97	9	18	Thur.	13	... ...	25 ·86	11	20	Thur.	15	2 ·76	5 ·12	15
	Sun.	15	13 ·84	20 ·97	10	19	Fri.	14	14 ·05	26 ·96	12	21	Fri.	16	3 ·76	6 ·16	16
	Mon.	16	14 ·82	21 ·99	11	20	Sat.	15	P ·13	... ...	13	22	Sat.	17	4 ·76	7 ·18	17
	Tues.	17	P ·84	... ...	12	21	Sun.	16	1 ·22	27 ·07	14	23	Sun.	18	5 ·72	8 ·18	18
	Wed.	18	1 ·86	22 ·02	13	22	Mon.	17	2 ·31	1 ·18	15	24	Mon.	19	6 ·66	9 ·16	19
	Thur.	19	2 ·91	23 ·08	14	23	Tues.	18	3 ·39	2 ·28	16	25	Tues.	20	7 ·60	10 ·13	20
	Fri.	20	3 ·98	24 ·16	15	24	Wed.	19	4 ·46	3 ·37	17	26	Wed.	21	8 ·52	11 ·08	21
	Sat.	21	... ...	25 ·26	16	25	Thur.	20	5 ·50	4 ·44	18	27	Thur.	22	9 ·43	12 ·02 / 13 ·96	22
	Sun.	22	4 ·06	26 ·36	17	26	Fri.	21	6 ·52	5 ·49	19	28					
	Mon.	23	5 ·15	27 ·47	18	27	Sat.	22	7 ·53	6 ·53	20	29	Fri.	23	10 ·33	14 ·89	23
	Tues.	24	6 ·24	1 ·58	19	28	Sun.	23	8 ·51	7 ·54	21	—30	Sat.	24	11 ·23	15 ·83	24
	Wed.	25	7 ·30	2 ·67	20	29	Mon.	24	9 ·49	8 ·53	22	1	Sun.	25	12 ·13	16 ·76	25
	Thur.	26	8 ·36	3 ·76	21	—30	Tues.	25	10 ·43	9 ·50	23	2	Mon.	26	13 ·05 / 14 ·97	17 ·70	26
	Fri.	27	9 ·41	4 ·82	22	1	Wed.	26	11 ·36	10 ·46	24						
	Sat.	28	10 ·43	5 ·86	23	2	Thur.	27	12 ·28	11 ·41	25	3	Tues.	27	A ·89	18 ·65	27
	Sun.	29	11 ·44	6 ·88	24	3	Fri.	28	13 ·19	12 ·35	26	4	Wed.	28	1 ·82	19 ·61	28
	Mon.	30	12 ·41	7 ·88	25	4	Sat.	29	14 ·10	13 ·29	27	5	Thur.	29	2 ·79	20 ·59	—29
	Tues.	31	13 ·37	8 ·87	26	5	Sun.	30	A ·00 / 1 ·90	14 ·21	28	6	Fri.	30	3 ·76	21 ·59	1
	Aug.						**Oct.**						**Dec.**				
	Wed.	1	14 ·33	9 ·84	27	6	Mon.	1	2 ·80	15 ·14	—29	7	Sat.	1	4 ·75	22 ·60	2
	Thur.	2	A ·25	10 ·79	28	7	Tues.	2	3 ·71	16 ·07	1	8	Sun.	2	5 ·78	23 ·64	3
	Fri.	3	1 ·17	11 ·73	—29	8	Wed.	3	4 ·64	17 ·03 / 18 ·98	2	9	Mon.	3	6 ·81	24 ·69	4
	Sat.	4	2 ·07 / 3 ·97	12 ·66	1	9	Thur.	4	5 ·58	19 ·95	3	10	Tues.	4	7 ·87	25 ·78	5
	Sun.	5	4 ·87	13 ·60	2	10	Fri.	5	6 ·52	20 ·93	4	11	Wed.	5	8 ·94	26 ·87	6
	Mon.	6	5 ·77	14 ·53	3	11	Sat.	6	7 ·50	21 ·94	5	12	Thur.	6	... ...	27 ·97	7
	Tues.	7	6 ·67	15 ·46	4	12	Sun.	7	8 ·48	22 ·97	6	13	Fri.	7	9 ·03	... ...	8
	Wed.	8	7 ·58	16 ·40	5	13	Mon.	8	9 ·50	... ...	7	14	Sat.	8	10 ·11	1 ·08	9
	Thur.	9	8 ·51	17 ·35	6	14	Tues.	9	10 ·53	23 ·02	8	15	Sun.	9	11 ·19	2 ·18	10
	Fri.	10	9 ·44	18 ·32	7	15	Wed.	10	11 ·58	24 ·08	9	16	Mon.	10	12 ·27	3 ·28	11
	Sat.	11	10 ·39	19 ·30	8	16	Thur.	11	12 ·66	25 ·16	10	17	Tues.	11	13 ·34	4 ·37	12
	Sun.	12	11 ·35	20 ·29	9	17	Fri.	12	13 ·74	26 ·26	11	18	Wed.	12	14 ·39	5 ·44	13
	Mon.	13	12 ·34	21 ·30	10	18	Sat.	13	14 ·83	27 ·38	12	19	Thur.	13	P ·42	6 ·48	14
	Tues.	14	13 ·33	22 ·34	11	19	Sun.	14	P ·91	1 ·48	13	20	Fri.	14	1 ·42	7 ·50	15
	Wed.	15	14 ·34	23 ·39	12	20	Mon.	15	1 ·99	2 ·58	14	21	Sat.	15	2 ·40	8 ·50	16
	Thur.	16	P ·36	24 ·47	13	21	Tues.	16	... ...	3 ·67	15	22	Sun.	16	3 ·37	9 ·50	17
	Fri.	17	1 ·41	25 ·56	14	22	Wed.	17	2 ·06	4 ·75	16	23	Mon.	17	4 ·31	10 ·47	18
	Sat.	18	2 ·48	26 ·66	15	23	Thur.	18	3 ·10	5 ·81	17	24	Tues.	18	5 ·24	11 ·42	19
	Sun.	19	3 ·56	27 ·77	16	24	Fri.	19	4 ·14	6 ·85	18	25	Wed.	19	6 ·17	12 ·36	20
	Mon.	20	4 ·65	1 ·88	17	25	Sat.	20	5 ·13	7 ·86	19	26	Thur.	20	7 ·07 / 8 ·97	13 ·30	21
	Tues.	21	5 ·73	2 ·98	18	26	Sun.	21	6 ·12	8 ·85	20	27	Fri.	21	9 ·87	14 ·24	22
	Wed.	22	6 ·81	... ...	19	27	Mon.	22	7 ·09	9 ·83	21	28	Sat.	22	10 ·78	15 ·17	23
	Thur.	23	7 ·88	3 ·07	20	28	Tues.	23	8 ·04 / 9 ·97	10 ·79	22	—29	Sun.	23	11 ·69	16 ·10	24
	Fri.	24	8 ·91	4 ·13	21							1	Mon.	24	12 ·60	17 ·03 / 18 ·98	25
	Sat.	25	9 ·93	5 ·18	22	29	Wed.	24	10 ·89	11 ·75	23						
	Sun.	26	10 ·94	6 ·20	23	—30	Thur.	25	11 ·81	12 ·69	24	2	Tues.	25	13 ·53	19 ·95	26
	Mon.	27	11 ·93	7 ·22	24	1	Fri.	26	12 ·71	13 ·62	25	3	Wed.	26	14 ·45	20 ·92	27
	Tues.	28	12 ·86	8 ·20	25	2	Sat.	27	13 ·61	14 ·55	26	4	Thur.	27	A ·41	21 ·91	28
	Wed.	29	13 ·79	9 ·17	26	3	Sun.	28	14 ·51	15 ·48	27	5	Fri.	28	1 ·39	22 ·92	29
	Thur.	30	14 ·70	10 ·12	27	4	Mon.	29	A ·42	16 ·42	28	6	Sat.	29	2 ·39	23 ·95	—30
	Fri.	31	A ·61	11 ·07	28	5	Tues.	30	1 ·33	17 ·36	29	7	Sun.	30	3 ·40	... ...	1
						6	Wed.	31	2 ·25	18 ·31	—30	8	Mon.	31	4 ·45	24 ·01	2

Virodhakṛit. **Karkataka—Ādi.** *Śrāvana.* *Bahula.* *H.* 401 *Zi-l-hijja.*

Virodhakṛit. **Kanyā—Purattāśi.** *Āśvina.* *Bahula.* *H.* 402 *Safar.*

Virodhakṛit. **Tulā—Aippaśi.** *Kārttika.* *Bahula.* *H.* 402 *Rabi-ul awwal.*

Virodhakṛit. **Vṛiśchika—Kārttigai.** *Mārgaśirsha.* *Bahula.* *H.* 402 *Rabi-ul ākhir.*

Virodhakṛit. **Dhanus—Mārgali.** *Pausha.* *Bahula.* *H.* 402 *Jamādi'l awwal.*

Virodhakṛit. **Simha—Āvani.** *Bhādrapada.* *Bahula.* *H.* 402 *Muharram.*

Virodhakṛit. **Makara—Tai.**

13. Hasta, 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1012. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·84.** **Śaka 934.** **Kaliyuga 4113.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·80.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Tues.	1	5 ·52	25 ·08	3	10	Sat.	1	5 ·07	3 ·19	4	9	Thur.	1	7 ·28	9 ·13	6
10	Wed.	2	6 ·59	26 ·17	4	11	Sun.	2	6 ·13	4 ·28	5	10	Fri.	2	8 ·23	10 ·12	7
11	Thur.	3	7 ·69	27 ·27	5	12	Mon.	3	7 ·19	5 ·36	6	11	Sat.	3	9 ·17	11 ·09	8
12	Fri.	4	8 ·78	1 ·37	6	13	Tues.	4	8 ·24	6 ·43	7	12	Sun.	4	10 ·09	12 ·05 / 13 ·99	9
13	Sat.	5	9 ·86	2 ·48	7	14	Wed.	5	9 ·26	7 ·47	8						
14	Sun.	6	10 ·93	3 ·59	8	15	Thur.	6	10 ·25	8 ·48	9				11 ·00		
15	Mon.	7	11 ·99	4 ·68	9	16	Fri.	7	11 ·24	9 ·48	10	13	Mon.	5	12 ·90	14 ·93	10
16	Tues.	8	:: ·::	5 ·74	10	17	Sat.	8	12 ·18	10 ·46	11	14	Tues.	6	13 ·80	15 ·87	11
17	Wed.	9	12 ·03	6 ·79	11	18	Sun.	9	13 ·12	11 ·43	12	15	Wed.	7	14 ·70	16 ·80	12
18	Thur.	10	13 ·06	7 ·82	12	19	Mon.	10	14 ·05 / P ·97	12 ·38	13	16	Thur.	8	P ·60	17 ·73	13
19	Fri.	11	14 ·06	8 ·84	13	20	Tues.	11	1 ·87	13 ·32	14	17	Fri.	9	1 ·50	18 ·66	14
20	Sat.	12	P ·04	9 ·83	14	21	Wed.	12	2 ·77	14 ·25	15	18	Sat.	10	2 ·41	19 ·61	15
21	Sun.	13	1 ·00 / 2 ·94	10 ·80	15	22	Thur.	13	3 ·67	15 ·18	16	19	Sun.	11	3 ·34	20 ·57	16
22	Mon.	14	3 ·88	11 ·75	16	23	Fri.	14	4 ·57	16 ·11	17	20	Mon.	12	4 ·27	21 ·54	17
23	Tues.	15	4 ·79	12 ·70	17	24	Sat.	15	5 ·48	17 ·05 / 18 ·99	18	21	Tues.	13	5 ·23	22 ·53	18
24	Wed.	16	5 ·69	13 ·64	18							22	Wed.	14	6 ·20	23 ·54	19
25	Thur.	17	6 ·59	14 ·57	19	25	Sun.	16	6 ·39	19 ·94	19	23	Thur.	15	7 ·19	24 ·57	20
26	Fri.	18	7 ·49	15 ·50	20	26	Mon.	17	7 ·31	20 ·90	20	24	Fri.	16	8 ·20	25 ·62	21
27	Sat.	19	8 ·40	16 ·43	21	27	Tues.	18	8 ·25	21 ·88	21	25	Sat.	17	9 ·23	26 ·69	22
28	Sun.	20	9 ·31	17 ·37	22	28	Wed.	19	9 ·21	22 ·89	22	26	Sun.	18	10 ·29	27 ·78	23
29	Mon.	21	10 ·23	18 ·32	23	29	Thur.	20	10 ·19	23 ·90	23	27	Mon.	19	11 ·35	1 ·88	24
30	Tues.	22	11 ·15	19 ·28	24	30	Fri.	21	11 ·18	24 ·94	24	28	Tues.	20	12 ·43	2 ·98	25
1	Wed.	23	12 ·09	20 ·25	25	31	Sat.	22	12 ·21	:: ·::	25	29	Wed.	21	13 ·52	... ...	26
2	Thur.	24	13 ·06	21 ·23	26	1	Sun.	23	13 ·24	25 ·00	26	30	Thur.	22	14 ·61	3 ·09	27
3	Fri.	25	14 ·03	22 ·24	27	2	Mon.	24	14 ·29	26 ·08	27	31	Fri.	23	A ·68	4 ·20	28
4	Sat.	26	A ·02	23 ·26	28	3	Tues.	25	A ·38	27 ·18	28	1	Sat.	24	1 ·72	5 ·29	29
5	Sun.	27	1 ·05	24 ·32	29	4	Wed.	26	1 ·46	1 ·28	29	2	Sun.	25	2 ·76	6 ·36	1
6	Mon.	28	2 ·09	25 ·39	1	5	Thur.	27	2 ·54	2 ·39	1	3	Mon.	26	3 ·79	7 ·41	2
7	Tues.	29	3 ·15	26 ·47	2	6	Fri.	28	3 ·61	3 ·49	2	4	Tues.	27	4 ·78	8 ·44	3
8	Wed.	30	4 ·21	27 ·57	3	7	Sat.	29	4 ·68	4 ·59	3	5	Wed.	28	5 ·76	9 ·46	4
9	Thur.	31	5 ·31	1 ·67	4	8	Sun.	30	5 ·74	5 ·68	4	6	Thur.	29	6 ·72	10 ·45	5
						9	Mon.	31	6 ·78	6 ·74	5	7	Fri.	30	7 ·65	11 ·42	6
	Feb.						**April.**					8	Sat.	31	8 ·58	12 ·38	7
10	Fri.	1	6 ·39	2 ·79	5	10	Tues.	1	7 ·80	7 ·78	6		**June.**				
11	Sat.	2	7 ·47	3 ·89	6	11	Wed.	2	8 ·79	8 ·80	7	9	Sun.	1	9 ·49	13 ·33	8
12	Sun.	3	8 ·54	4 ·98	7	12	Thur.	3	9 ·78	9 ·80	8	10	Mon.	2	10 ·39	14 ·28	9
13	Mon.	4	9 ·61	... ...	8	13	Fri.	4	10 ·72	10 ·79	9	11	Tues.	3	11 ·29	15 ·21	10
14	Tues.	5	10 ·66	5 ·05	9	14	Sat.	5	11 66	11 ·76	10	12	Wed.	4	12 ·19	16 ·14	11
15	Wed.	6	11 ·68	6 ·11	10	15	Sun.	6	12 ·59	12 ·71	11				13 ·09		
16	Thur.	7	12 ·67	7 ·15	11	16	Mon.	7	13 ·51	13 ·66	12	13	Thur.	5	14 ·99	17 ·07	12
17	Fri.	8	13 ·65	8 ·16	12	17	Tues.	8	14 ·41	14 ·59	13					18 ·00	
18	Sat.	9	14 ·60	9 ·15	13	18	Wed.	9	P ·31	15 ·52	14	14	Fri.	6	P ·90	19 ·95	13
19	Sun. ○	10	P ·54	10 ·13	14	19	Thur.	10	1 ·21	16 ·46	15	15	Sat.	7	1 ·82	20 ·91	14
20	Mon.	11	1 ·48	11 ·09 / 12 ·04	15	20	Fri.	11	2 ·11	17 ·39	16	16	Sun.	8	2 ·75	21 ·87	15
21	Tues.	12	2 ·40	13 ·98	16	21	Sat.	12	3 ·01 / 4 ·92	18 ·33	17	17	Mon.	9	3 ·71	22 ·86	16
22	Wed.	13	3 ·31	14 ·91	17	22	Sun.	13	5 ·84	19 ·27	18	18	Tues.	10	4 ·68	23 ·86	17
23	Thur.	14	4 ·21	15 ·84	18	23	Mon	14	6 ·78	20 ·23	19	19	Wed.	11	5 ·67	24 ·89	18
24	Fri.	15	5 ·11	16 ·77	19	24	Tues.	15	7 ·73	21 ·22	20	20	Thur.	12	6 ·68	25 ·93	19
25	Sat.	16	6 ·01 / 7 ·91	17 ·71	20	25	Wed.	16	8 ·71	22 ·21	21	21	Fri.	13	7 ·72	... ...	20
26	Sun.	17	8 ·83	18 ·66	21	26	Thur.	17	9 ·70	23 ·22	22	22	Sat.	14	8 ·76	26 ·00	21
27	Mon.	18	9 ·73	19 ·61	22	27	Fri.	18	10 ·73	24 ·25	23	23	Sun.	15	9 ·83	27 ·08	22
28	Tues.	19	10 ·69	20 ·57	23	28	Sat.	19	11 ·76	25 ·31	24	24	Mon.	16	10 ·91	1 ·17	23
29	Wed.	20	11 ·65	21 ·56	24	29	Sun.	20	12 ·81	26 ·39	25	25	Tues.	17	... ...	2 ·28	24
1	Thur.	21	12 ·62	22 ·56	25	30	Mon.	21	13 ·88	27 ·48	26	26	Wed.	18	11 ·00	3 ·40	25
2	Fri.	22	13 ·62	23 ·59	26	31	Tues.	22	14 ·95	1 ·58	27	27	Thur.	19	12 ·08	4 ·59	26
3	Sat.	23	14 ·65	24 ·63	27	1	Wed.	23	:: ·::	2 ·68	28	28	Fri.	20	13 ·15	5 ·59	27
4	Sun.	24	A ·69	25 ·69	28	2	Thur.	24	A ·03	3 ·79	29	29	Sat.	21	14 ·21	6 ·66	28
5	Mon.	25	1 ·74	26 ·77	29	3	Fri.	25	1 ·11	4 ·90	30	30	Sun.	22	A ·24	7 ·72	29
6	Tues.	26	2 ·82	27 ·87	30	4	Sat.	26	2 ·19	6 ·98	1	31	Mon.	23	1 ·26	8 ·77	30
7	Wed.	27	3 ·90	1 ·98	1	5	Sun.	27	3 ·25	... ...	2	32	Tues.	24	2 ·26	9 ·78	1
8	Thur	28	4 ·99	... ...	2	6	Mon.	28	4 ·29	6 ·05	3	1	Wed.	25	3 ·24	10 ·78	2
9	Fri.	29	:: ·::	2 ·09	3	7	Tues.	29	5 ·31	7 ·10	4	2	Thur.	26	4 ·19	11 ·75	3
						8	Wed.	30	6 ·31	8 ·12	5	3	Fri.	27	5 ·13	12 ·72	4
												4	Sat.	28	6 ·06 / 7 ·98	13 ·67	5
												5	Sun.	29	8 ·88	14 ·61	6
												6	Mon.	30	9 ·78	15 ·55	7

Virodhakrit. **Makara—Tai.** | *Virodhakrit.* **Kumbha—Māsi.** | *Virodhakrit.* **Mīna—Pāṅguni.** | *Virodhakrit.* **Mīna—Pāṅguni.** | *Paridhāvin.* **Vrish.—Vaigāsi.** | *Paridhāvin.* **Mēsha—Chittirai.** | *Virodhakrit.* **Mīna—Pāṅguni.** | *Paridhāvin.* **Vrishabha—Vaigāsi.** | *Paridhāvin.* **Mithuna—Āni.** | *Paridhāvin.* **Kark.—Ādi.**

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

Phālguna. Chaitra. Vaiśākha. Jyeshtha. Adhika Jyeshtha. Nija Jyeshtha.

H. 402 Jamāda'l ākhir. *H. 402 Rajab.* *H. 402 Sha'bān.* *H. 402 Ramazān.* *H. 402 Shawwāl.* *H. 402 Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1012. **Kollam 188,** { **N. Malabar—Aug.** **Hijra 403.** **Vikrama 1069.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 23.** **Bengal San. 418.**
P—Paurnimā. **(N. Cycle) Ānanda.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Paridhāvin. **Karkataka—Ādi.**					*Paridhāvin.* **Kanyā—Purattāśi.**					*Paridhāvin.* **Vṛśchika—Kārttigai.**				
7	Tues. 1	10 ·68	16 ·47	8	7	Mon. 1	13 ·21	24 ·84	11	7	Sat. 1	P ·66	3 ·88	13
8	Wed. 2	11 ·58	17 ·40	9	8	Tues. 2	14 ·20	25 ·87	12	8	Sun. 2	1 ·75	... ...	14
9	Thur. 3	12 ·48	18 ·35	10	9	Wed. 3	P ·21	26 ·92	13	9	Mon. 3	2 ·84	4 ·00	15
10	Fri. 4	13 ·39	19 ·29	11	10	Thur. 4	1 ·24	... ...	14	10	Tues. 4	3 ·92	5 ·10	16
11	Sat. 5	14 ·30	20 ·24	12	11	Fri. 5	2 ·30	27 ·00	15	11	Wed. 5	4 ·98	6 ·20	17
12	Sun. 6	**Āshādha.** P ·24	21 ·20	13	12	Sat. 6	3 ·36	1 ·08	16	12	Thur. 6	... ...	7 ·28	18
13	Mon. 7	1 ·19	22 ·18	14	13	Sun. 7	4 ·44	2 ·18	17	13	Fri. 7	5 ·03	8 ·34	19
14	Tues. 8	2 ·16	23 ·18	15	14	Mon. 8	**Bhādrapada.** 5 ·53	3 ·29	18	14	Sat. 8	6 ·05	9 ·38	20
15	Wed. 9	3 ·15	24 ·21	16	15	Tues. 9	6 ·61	4 ·40	19	15	Sun. 9	7 ·06	10 ·40	21
16	Thur. 10	4 ·15	25 ·24	17	16	Wed. 10	7 ·69	5 ·50	20	16	Mon. 10	*Bahula.* 8 ·04	11 ·40	22
17	Fri. 11	5 ·18	26 ·30	18	17	Thur. 11	8 ·75	6 ·59	21	17	Tues. 11	{ 9 ·00	12 ·38	23
18	Sat. 12	6 ·24	27 ·38	19	18	Fri. 12	9 ·80	7 ·66	22			{ 10 ·95		
19	Sun. 13	*Bahula.* 7 ·31	1 ·47	20	19	Sat. 13	10 ·83	8 ·71	23	18	Wed. 12	11 ·88	13 ·34	24
20	Mon. 14	8 ·39	2 ·59	21	20	Sun. 14	11 ·82	9 ·74	24	19	Thur. 13	12 ·80	14 ·30	25
21	Tues. 15	9 ·47	3 ·69	22	21	Mon. 15	12 ·81	10 ·75	25	20	Fri. 14	13 ·70	15 ·24	26
22	Wed. 16	10 ·56	4 ·80	23	22	Tues. 16	13 ·77	11 ·75	26	21	Sat. 15	14 ·61	16 ·18	27
23	Thur. 17	11 ·63	5 ·89	24	23	Wed. 17	14 ·73	12 ·72	27	22	Sun. 16	—A ·51	17 ·11	28
24	Fri. 18	12 ·68	6 ·97	25	24	Thur. 18	—A ·65	13 ·68	28	23	Mon. 17	1 ·41	{ 18 ·04	—29
25	Sat. 19	13 ·72	... ...	26	25	Fri. 19	1 ·57	14 ·62	—29				{ 19 ·98	
26	Sun. 20	14 ·76	7 ·04	27	26	Sat. 20	2 ·48	15 ·56	1	24	Tues. 18	2 ·32	20 ·92	1
27	Mon. 21	—A ·75	8 ·08	28	27	Sun. 21	3 ·38	16 ·50	2	25	Wed. 19	3 ·24	21 ·87	2
28	Tues. 22	1 ·74	9 ·10	—29	28	Mon. 22	4 ·28	17 ·43	3	26	Thur. 20	4 ·16	22 ·83	3
29	Wed. 23	2 ·69	10 ·10	1	29	Tues. 23	5 ·18	18 ·36	4	27	Fri. 21	5 ·11	23 ·80	4
30	Thur. 24	3 ·63	11 ·08	2	30	Wed. 24	{ 6 ·08	19 ·29	5	28	Sat. 22	6 ·07	24 ·81	5
—31	Fri. 25	4 ·56	12 ·06	3			{ 7 ·99			—29	Sun. 23	7 ·04	25 ·82	6
			{ 13 ·01		—31	Thur. 25	8 ·93	20 ·24	6			*Sukla.*		
1	Sat. 26	5 ·47	{ 14 ·95	4	1	Fri. 26	9 ·87	21 ·20	7	1	Mon. 24	8 ·05	26 ·86	7
2	Sun. 27	*Sukla.* 6 ·38	15 ·88	5	2	Sat. 27	10 ·82	22 ·17	8	2	Tues. 25	9 ·06	27 ·91	8
3	Mon. 28	7 ·28	16 ·81	6	3	Sun. 28	*Sukla.* 11 ·79	23 ·15	9	3	Wed. 26	10 ·10	1 ·99	9
4	Tues. 29	8 ·18	17 ·75	7	4	Mon. 29	12 ·78	24 ·16	10	4	Thur. 27	11 ·15	... ...	10
		{ 9 ·08			5	Tues. 30	13 ·79	25 ·18	11	5	Fri. 28	12 ·23	2 ·08	11
5	Wed. 30	{ 10 ·98	18 ·68	8						6	Sat. 29	13 ·32	3 ·19	12
6	Thur. 31	11 ·89	19 ·62	9						7	Sun. 30	14 ·47	4 ·80	13
	Aug.					**Oct.**					**Dec.**			
Paridhāvin. **Simha—Āvani.**					*Paridhāvin.* **Tulā—Aippaśi.**					*Paridhāvin.* **Dhanus—Mārgali.**				
7	Fri. 1	12 ·81	20 ·57	10	6	Wed. 1	**Āśvina.** 14 ·82	26 ·24	12	8	Mon. 1	P ·49	5 ·40	14
8	Sat. 2	**Śrāvana.** 13 ·75	21 ·53	11	7	Thur. 2	P ·89	27 ·30	13	9	Tues. 2	1 ·57	6 ·50	15
9	Sun. 3	14 ·69	22 ·51	12	8	Fri. 3	1 ·96	1 ·39	14	10	Wed. 3	2 ·64	7 ·58	16
10	Mon. ○ 4	P ·67	23 ·51	13	9	Sat. 4	... ...	2 ·48	15	11	Thur. 4	3 ·68	8 ·66	17
11	Tues. 5	1 ·66	24 ·52	14	10	Sun. 5	2 ·04	3 ·59	16	12	Fri. 5	4 ·71	9 ·70	18
12	Wed. 6	2 ·66	25 ·56	15	11	Mon. 6	3 ·12	4 ·70	17	13	Sat. 6	5 ·70	10 ·72	19
13	Thur. 7	3 ·70	26 ·61	16	12	Tues. 7	4 ·21	5 ·80	18	14	Sun. 7	6 ·68	11 ·72	20
14	Fri. 8	4 ·75	27 ·68	17	13	Wed. 8	5 ·29	6 ·89	19	15	Mon. 8	7 ·64	12 ·71	21
15	Sat. 9	5 ·83	1 ·78	18	14	Thur. 9	*Bahula.* 6 ·35	7 ·97	20	16	Tues. 9	8 ·59	13 ·69	22
16	Sun. 10	6 ·91	2 ·89	19	15	Fri. 10	7 ·40	... ...	21	17	Wed. 10	9 ·52	14 ·64	23
17	Mon. 11	7 ·99	3 ·99	20	16	Sat. 11	8 ·43	8 ·02	22	18	Thur. 11	10 ·43	15 ·58	24
18	Tues. 12	... ...	... ...	21	17	Sun. 12	9 ·43	9 ·06	23	19	Fri. 12	11 ·34	16 ·52	25
19	Wed. 13	8 ·07	4 ·10	22	18	Mon. 13	10 ·41	10 ·08	24	20	Sat. 13	12 ·25	17 ·44	26
20	Thur. 14	9 ·15	5 ·19	23	19	Tues. 14	11 ·37	11 ·07	25	21	Sun. 14	13 ·16	18 ·38	27
21	Fri. 15	10 ·20	6 ·29	24	20	Wed. 15	12 ·33	12 ·05	26			{ 14 ·06		
22	Sat. 16	11 ·24	7 ·35	25				{ 13 ·01		22	Mon. 15	{ A ·96	19 ·32	28
23	Sun. 17	12 ·28	8 ·40	26	21	Thur. 6	13 ·25	{ 14 ·96	27			1 ·88		
24	Mon. 18	13 ·27	9 ·42	27						23	Tues. 16		20 ·25	29
25	Tues. 19	14 ·26	10 ·43	28	22	Fri. 17	14 ·17	15 ·91	28	24	Wed. 17	2 ·81	21 ·20	—30
26	Wed. ● 20	—A ·21	11 ·42	29	23	Sat. 18	{ A ·08	16 ·84	29	25	Thur. 18	3 ·75	22 ·16	1
27	Thur. 21	1 ·17	12 ·39	—30			{ 1 ·98			26	Fri. 19	4 ·71	23 ·13	2
28	Fri. 22	2 ·09	13 ·34	1	24	Sun. 19	2 ·88	17 ·77	—30	27	Sat. 20	5 ·69	24 ·13	3
		{ 3 ·00			25	Mon. 20	3 ·78	18 ·70	1	28	Sun. 21	6 ·69	25 ·14	4
29	Sat. 23	{ 4 ·91	14 ·29	2	26	Tues. 21	4 ·69	19 ·63	2	29	Mon. 22	7 ·70	26 ·17	5
		Sukla.			27	Wed. 22	5 ·60	20 ·58	3	1	Tues. 23	8 ·74	27 ·22	6
30	Sun. 24	5 ·81	15 ·22	3	28	Thur. 23	*Sukla.* 6 ·53	21 ·53	4	2	Wed. 24	9 ·81	1 ·29	7
31	Mon. 25	6 ·71	16 ·15	4	29	Fri. 24	7 ·47	22 ·50	5	3	Thur. 25	10 ·89	2 ·39	8
1	Tues. 26	7 ·61	17 ·09	5	—30	Sat. 25	8 ·43	23 ·48	6	4	Fri. 26	11 ·97	3 ·49	9
			{ 18 ·02		1	Sun. 26	9 ·40	24 ·48	7	5	Sat. 27	... ...	4 ·60	10
2	Wed. 27	8 ·51	{ 19 ·96	6	2	Mon. 27	10 ·41	25 ·51	8	6	Sun. 28	12 ·06	5 ·70	11
3	Thur. 28	9 ·42	20 ·90	7	3	Tues. 28	11 ·42	26 ·55	9	7	Mon. 29	13 ·15	6 ·80	12
4	Fri. 29	10 ·35	21 ·86	8	4	Wed. 29	12 ·44	27 ·61	10	8	Tues. 30	14 ·22	7 ·90	13
5	Sat. 30	11 ·29	22 ·84	9	5	Thur. 30	13 ·50	1 ·69	11	9	Wed. 31	P ·28	8 ·96	14
6	Sun. 31	12 ·23	23 ·83	10	6	Fri. 31	14 ·58	2 ·78	12					

Paridhāvin. **Kan.—Pur.** | *Paridhāvin.* **Makara—Tai.**

Bhād. | *H. 403 Śafar.* | *H. 403 Rabī-ul ākhir.* | *H. 403 Jamādā'l awwal.* | *H. 403 Jamādā'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1013. **Mēsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·10.** **Śaka 935.** **Kaliyuga 4114.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·06.** **(S. Cycle) Pramādin.**

Jan.

Paridhāvin. **Makara—Tai.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
10	Thur.	1		1 ·31	... ...	15
11	Fri.	2		2 ·34	9 ·01	16
12	Sat.	3		3 ·34	10 ·04	17
13	Sun.	4		4 ·33	11 ·05	18
14	Mon.	5		5 ·29	12 ·05	19
15	Tues.	6		6 ·23	13 ·02 / 14 ·97	20
16	Wed.	7		7 ·15	15 ·92	21
17	Thur.	8		8 ·06 / 9 ·97	16 ·85	22
18	Fri.	9		10 ·88	17 ·79	23
19	Sat.	10		11 ·78	18 ·72	24
20	Sun.	11		12 ·68	19 ·65	25
21	Mon.	12		13 ·59	20 ·59	26
22	Tues.	13		14 ·51	21 ·53	27
23	Wed.	14		—**A** ·44	22 ·49	28
24	Thur.	15		1 ·39	23 ·47	—29
25	Fri.	16		2 ·34	24 ·45	1
26	Sat.	17		3 ·33	25 ·46	2
27	Sun.	18		4 ·32	26 ·48	3
28	Mon.	19		5 ·35	27 ·53	4
29	Tues.	20		6 ·38	1 ·61	5
—30	Wed.	21		7 ·44	2 ·69	6
1	Thur.	22		8 ·52	3 ·79	7
2	Fri.	23		9 ·60	4 ·90	8
3	Sat.	24		10 ·69	... ...	9
4	Sun.	25		11 ·77	5 ·01	10
5	Mon.	26		12 ·85	6 ·11	11
6	Tues.	27		13 ·91	7 ·20	12
7	Wed.	28		14 ·96	8 ·27	13
8	Thur.	29	○	**P** ·97	9 ·33	14
9	Fri.	30		1 ·96	10 ·36	15
10	Sat.	31		2 ·95	11 ·37	16

Sukla. **Pausha.** *Bahula.* *Śaka* 857. *H.* 403 *Jumâda'l akhir.* *H.* 403 *Shaʿbân.* *Rajab.* *H.* 403 *Ramazân.*

Feb.

Paridhāvin. **Kumbha—Mâśi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
11	Sun.	1		3 ·90	12 ·37	17
12	Mon.	2		4 ·84	13 ·35	18
13	Tues.	3		5 ·77	14 ·31	19
14	Wed.	4		6 ·69	15 ·25	20
15	Thur.	5		7 ·59	16 ·19	21
16	Fri.	6		8 ·49	17 ·13	22
17	Sat.	7		9 ·39	18 ·06 / 19 ·99	23
18	Sun.	8		10 ·29	20 ·93	24
19	Mon.	9		11 ·20	21 ·87	25
20	Tues.	10		12 ·11	22 ·83	26
21	Wed.	11		13 ·04 / 14 ·98	23 ·79	27
22	Thur.	12		—**A** ·96	24 ·78	28
23	Fri.	13		1 ·94	25 ·78	29
24	Sat.	14		2 ·92	26 ·80	—30
25	Sun.	15		3 ·95	27 ·85	1
26	Mon.	16		4 ·98	1 ·91	2
27	Tues.	17		... ...	2 ·99	3
28	Wed.	18		5 ·04	... .	4
29	Thur.	19		6 ·12	3 ·09	5
—30	Fri.	20		7 ·21	4 ·19	6
1	Sat.	21		8 ·29	5 ·31	7
2	Sun.	22		9 ·37	6 ·41	8
3	Mon.	23		10 ·45	7 ·50	9
4	Tues.	24		11 ·51	8 ·58	10
5	Wed.	25		12 ·55	9 ·64	11
6	Thur.	26		13 ·56	10 ·68	12
7	Fri.	27		14 ·56	11 ·70	13
8	Sat.	28		**P** ·54	12 ·70	14

Sukla. **Phâlguna.** *Bahula.* *Śaka* 857. *H.* 403 *Shaʿbân.* *Ramazân.* *H.* 403 *Shawwâl.*

March.

Paridhāvin. **Mîna—Pangguni.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Sun.	1		1 ·48	13 ·68	15
10	Mon.	2		2 ·42	14 ·64	16
11	Tues.	3		3 ·35	15 ·59	17
12	Wed.	4		4 ·27	16 ·54	18
13	Thur.	5		5 ·17	17 ·47	19
14	Fri.	6		6 ·07 / 7 ·97	18 ·40	20
15	Sat.	7		8 ·87	19 ·33	21
16	Sun.	8		9 ·78	20 ·26	22
17	Mon.	9		10 ·69	21 ·21	23
18	Tues.	10		11 ·62	22 ·16	24
19	Wed.	11		12 ·55	23 ·12	25
20	Thur.	12		13 ·53	24 ·10	26
21	Fri.	13		14 ·50	25 ·10	27
22	Sat.	14		—**A** ·49	26 ·12	28
23	Sun.	15		1 ·51	27 ·16	29
24	Mon.	16		2 ·54	1 ·22	1
25	Tues.	17		3 ·61	2 ·30	2
26	Wed.	18		4 ·68	3 ·39	3
27	Thur.	19		5 ·77	4 ·49	4
28	Fri.	20		6 ·86	5 ·61	5
29	Sat.	21		7 ·94	6 ·71	6
—30	Sun.	22		.. ...	7 ·81	7
1	Mon.	23		8 ·00	8 ·89	8
2	Tues.	24		9 ·06	9 ·95	9
3	Wed.	25		10 ·10	... ...	10
4	Thur.	26		11 ·11	10 ·00	11
5	Fri.	27		12 ·11	11 ·02	12
6	Sat.	28		13 ·08	12 ·02	13
7	Sun.	29		14 ·03 / **P** ·97	13 ·01 / 14 ·97	14
8	Mon.	30		1 ·90	15 ·93	15
9	Tues.	31		2 ·81	16 ·87	16

Sukla. **Phâl.** *Bahula.* *Śaka* 857. *H.* 403 *Shaʿbân.* **Chaitra.** *Sukla.* *H.* 403 *Ramazân.*

April.

Pramādin. **Mêsha—Chittirai.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
10	Wed.	1		3 ·71	17 ·81	17
11	Thur.	2		4 ·61	18 ·74	18
12	Fri.	3		5 ·51	19 ·67	19
13	Sat.	4		6 ·41	20 ·61	20
14	Sun.	5		7 ·31	21 ·55	21
15	Mon.	6		8 ·23	22 ·49	22
16	Tues.	7		9 ·15	23 ·45	23
17	Wed.	8		10 ·09	24 ·43	24
18	Thur.	9		11 ·05	25 ·43	25
19	Fri.	10		12 ·02	26 ·44	26
20	Sat.	11		13 ·02	27 ·47	27
21	Sun.	12		14 ·04	1 ·53	28
22	Mon.	13		—**A** ·08	2 ·60	29
23	Tues.	14		1 ·14	3 ·69	—30
24	Wed.	15		2 ·21	4 ·79	1
25	Thur.	16		3 ·28	5 ·90	2
26	Fri.	17		4 ·36	... ...	3
27	Sat.	18		5 ·45	6 ·01	4
28	Sun.	19		6 ·52	7 ·11	5
29	Mon.	20		7 ·58	8 ·19	6
30	Tues.	21		8 ·61	9 ·27	7
31	Wed.	22		9 ·63	10 ·32	8

Bahula. *Śaka* 857. *H.* 403 *Shawwâl.*

Vṛish.—Vaigâśi. *Pramādin.*

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Thur.	23		10 ·62	11 ·34	9
2	Fri.	24		11 ·60	12 ·35	10
3	Sat.	25		12 ·55	13 ·33	11
4	Sun.	26		13 ·48	14 ·31	12
5	Mon.	27		14 ·41	15 ·27	13
6	Tues.	28		**P** ·32	16 ·21	14
7	Wed.	29		1 ·22	17 ·15	15
8	Thur.	30		2 ·12	18 ·08	16

Sukla. **Vaiśâkha.** *Bahula.* *Śaka* 857. *H.* 403 *Shawwâl.*

May.

Pramādin. **Vṛishabha—Vaigâśi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Fri.	1		3 ·02 / 4 ·92	19 ·02 / 20 ·95	17
10	Sat.	2		5 ·83	21 ·88	18
11	Sun.	3		6 ·74	22 ·83	19
12	Mon.	4		7 ·66	23 ·78	20
13	Tues.	5		8 ·59	24 ·75	21
14	Wed.	6		9 ·55	25 ·75	22
15	Thur.	7		10 ·53	26 ·76	23
16	Fri.	8		11 ·52	27 ·79	24
17	Sat.	9		12 ·53	1 ·84	25
18	Sun.	10		13 ·57	2 ·90	26
19	Mon.	11		14 ·63	... ...	27
20	Tues.	12		—**A** ·70	3 ·00	28
21	Wed.	13		1 ·77	4 ·10	—29
22	Thur.	14		2 ·85	5 ·20	1
23	Fri.	15		3 ·94	6 ·31	2
24	Sat.	16		... ...	7 ·41	3
25	Sun.	17		4 ·00	8 ·51	4
26	Mon.	18		5 ·06	9 ·58	5
27	Tues.	19		6 ·09	10 ·63	6
28	Wed.	20		7 ·11	11 ·66	7
29	Thur.	21		8 ·10	12 ·67	8
30	Fri.	22		9 ·09	13 ·67	9
—31	Sat.	23		10 ·04 / 11 ·97	14 ·64	10
1	Sun.	24		12 ·90	15 ·60	11
2	Mon.	25		13 ·81	16 ·55	12
3	Tues.	26		14 ·71	17 ·48	13
4	Wed.	27		**P** ·61	18 ·43	14
5	Thur.	28		1 ·51	19 ·36	15
6	Fri.	29		2 ·41	20 ·28	16
7	Sat.	30		3 ·31	21 ·22	17
8	Sun.	31		4 ·22	22 ·16	18

Sukla. **Jyeshtha.** *Bahula.* *Śaka* 857. *H.* 403 *Shawwâl.* *Zî-l-ka'da.* *H.* 403 *Zî-l-hijja.*

June.

Pramādin. **Mithuna—Âṇi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Mon.	1		5 ·13	23 ·11	19
10	Tues.	2		6 ·07	24 ·09	20
11	Wed.	3		7 ·03	25 ·08	21
12	Thur.	4		8 ·01	26 ·08	22
13	Fri.	5		9 ·00	27 ·10	23
14	Sat.	6		10 ·01	1 ·14	24
15	Sun.	7		11 ·05	2 ·22	25
16	Mon.	8		12 ·10	3 ·30	26
17	Tues.	9		13 ·17	4 ·40	27
18	Wed.	10		14 ·24	5 ·50	28
19	Thur.	11		—**A** ·33	6 ·61	29
20	Fri.	12		1 ·41	7 ·72	—30
21	Sat.	13		2 ·48	8 ·81	1
22	Sun.	14		3 ·54	9 ·89	2
23	Mon.	15		4 ·57	10 ·94	3
24	Tues.	16		5 ·59	11 ·98	4
25	Wed.	17		6 ·58	... ...	5
26	Thur.	18		7 ·56	12 ·00	6
27	Fri.	19		8 ·51	13 ·00 / 14 ·97	7
28	Sat.	20		**P** ·46	15 ·93	8
29	Sun.	21		10 ·38	16 ·88	9
30	Mon.	22		11 ·29	17 ·82	10
31	Tues.	23		12 ·19	18 ·76	11
—32	Wed.	24		13 ·09 / 14 ·99	19 ·69	12
1	Thur.	25		**P** ·89	20 ·62	13
2	Fri.	26		1 ·80	21 ·56	14
3	Sat.	27		2 ·71	22 ·50	15
4	Sun.	28		3 ·62	23 ·46	16
5	Mon.	29		4 ·55	24 ·42	17
6	Tues.	30		5 ·51	25 ·40	18

Sukla. **Âshâdha.** *Bahula.* *Śaka* 857. *H.* 403 *Zî-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1013. **Kollam 189,** { **N. Malabar—Aug.** **Hijra 404.** **Vikrama 1070.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 13.** **Bengal San. 419.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Pramādin. **Karkataka—Ādi.** 7	Wed.	1	**Āsh.** 6 ·46	26 ·40	*H. 403 Zi-l-hijja.* 19		Tues.	1	*Bahula.* 9 ·85	6 ·51	*H. 404 Safar.* 21	7	Sun.	1	*Bahula.* 10 ·35	12 ·59	23
8	Thur.	2	7 ·47	27 ·42	20	7	Wed.	2	10 ·93	7 ·62	22	8	Mon.	2	11 ·34	13 ·62	24
9	Fri.	3	8 ·49	1 ·46	21	8	Thur.	3	... ...	8 ·72	23	9	Tues.	3	12 ·33	14 ·62	25
10	Sat.	4	9 ·52	2 ·52	22	9	Fri.	4	11 ·00	9 ·80	24	10	Wed.	4	13 ·28	15 ·60	26
11	Sun.	5	*Bahula.* 10 ·57	3 ·60	23	10	Sat.	5	12 ·07	10 ·88	25	11	Thur.	5	14 ·23	16 ·56	27
12	Mon.	6	11 ·64	4 ·70	24	11	Sun.	6	13 ·11	11 ·93	26	12	Fri.	6	—**A** ·17	17 ·51	28
13	Tues.	7	12 ·72	5 ·80	25	12	Mon.	7	14 ·12	12 ·96	27	13	Sat.	7	{ 1 ·08	18 ·46	—29
14	Wed.	8	13 ·81	6 ·91	26	13	Tues.	8	—**A** ·13	13 ·97	28				{ 2 ·99		
15	Thur.	9	14 ·88	... ...	27	14	Wed.	9	1 ·11	14 ·96	—29	14	Sun.	8	3 ·89	19 ·40	1
16	Fri.	10	—**A** ·95	7 ·02	28	15	Thur.	10	2 ·08	15 ·94	1	15	Mon.	9	4 ·79	20 ·33	2
17	Sat.	11	... ...	8 ·11	29				{ 3 ·02			16	Tues.	10	5 ·69	21 ·26	3
18	Sun.	12	1 ·01	9 ·19	—30	16	Fri.	11	{ 4 ·95	16 ·90	2	17	Wed.	11	6 ·61	22 ·19	4
19	Mon.	13	2 ·05	10 ·25	1	17	Sat.	12	5 ·87	17 ·84	3	18	Thur.	12	7 ·53	23 ·13	5
20	Tues.	14	3 ·08	11 ·29	2	18	Sun.	13	6 ·77	18 ·78	4	19	Fri.	13	8 ·45	24 ·08	6
21	Wed.	15	4 ·07	12 ·32	3	19	Mon.	14	7 ·67	19 ·71	5	20	Sat.	14	9 ·38	25 ·05	7
22	Thur.	16	5 ·05	13 ·32	4	20	Tues.	15	8 ·57	20 ·65	6	21	Sun.	15	10 ·34	26 ·02	8
23	Fri.	17	{ 6 ·01	14 ·30	5	21	Wed.	16	9 ·48	21 ·58	7	22	Mon.	16	11 ·33	27 ·02	9
			Sukla. { 7 ·96			22	Thur.	17	10 ·39	22 ·51	8	23	Tues.	17	12 ·32	1 ·03	10
24	Sat.	18	8 ·88	15 ·27	6	23	Fri.	18	11 ·30	23 ·46	9	24	Wed.	18	13 ·35	2 ·08	11
25	Sun.	19	9 ·79	16 ·22	7	24	Sat.	19	12 ·22	24 ·41	10	25	Thur.	19	14 ·39	3 ·14	12
26	Mon.	20	10 ·69	17 ·17	8	25	Sun.	20	13 ·16	25 ·39	11	26	Fri.	20	**P** ·45	4 ·21	13
27	Tues.	21	11 ·59	18 ·10	9	26	Mon.	21	14 ·10	26 ·37	12	27	Sat.	21	1 ·53	5 ·30	14
				19 ·03		27	Tues.	22	**P** ·08	27 ·38	13	28	Sun.	22	2 ·61	6 ·40	15
28	Wed.	22	12 ·49	20 ·96	10	28	Wed.	23	1 ·08	1 ·40	14	—29	Mon.	23	3 ·70	7 ·52	16
29	Thur.	23	13 ·39	21 ·89	11	29	Thur.	24	2 ·09	2 ·45	15	1	Tues.	24	4 ·78	8 ·62	17
30	Fri.	24	14 ·29	22 ·84	12	—30	Fri.	25	3 ·14	3 ·51	16	2	Wed.	25	5 ·86	9 ·72	18
—31	Sat. ○	25	**P** ·20	23 ·79	13	1	Sat.	26	4 ·19	4 ·61	17	3	Thur.	26	6 ·92	10 ·80	19
1	Sun.	26	1 ·13	24 ·75	14	2	Sun.	27	5 ·26	5 ·70	18	4	Fri.	27	7 ·97	11 ·87	20
2	Mon.	27	2 ·06	25 ·73	15	3	Mon.	28	*Bahula.* 6 ·34	6 ·81	19	5	Sat.	28	8 ·99	12 ·92	21
			{ 3 ·01			4	Tues.	29	7 ·42	7 ·91	20	6	Sun.	29	9 ·98	13 ·94	22
3	Tues.	28	{ 4 ·98	26 ·72	16	5	Wed.	30	8 ·51	... ...	21	7	Mon.	30	10 ·97	14 ·94	23
4	Wed.	29	5 ·98	27 ·74	17												
5	Thur.	30	6 ·98	1 ·78	18												
6	Fri.	31	... ...	2 ·83	19												
	Aug.						**Oct.**						**Dec.**				
Pramādin. **Simha—Āvani.** 7	Sat.	1	*Bahula.* 7 ·02	3 ·90	20	6	Thur.	1	9 ·59	8 ·02	22	8	Tues.	1	11 ·93	15 ·93	24
8	Sun.	2	8 ·08	4 ·99	21	7	Fri.	2	10 ·65	9 ·12	23	9	Wed.	2	12 ·87	16 ·90	25
9	Mon.	3	9 ·14	... ..	22	8	Sat.	3	11 ·70	10 ·19	24	10	Thur.	3	13 ·79	17 ·85	26
10	Tues.	4	10 ·22	5 ·10	23	9	Sun.	4	12 ·73	11 ·24	25	11	Fri.	4	14 ·71	18 ·80	27
11	Wed.	5	11 ·30	6 ·21	24	10	Mon.	5	13 ·72	12 ·28	26	12	Sat.	5	—**A** ·63	19 ·73	28
12	Thur.	6	12 ·39	7 ·32	25	11	Tues.	6	14 ·71	13 ·29	27	13	Sun.	6	1 ·53	20 ·66	29
13	Fri.	7	13 ·47	8 ·41	26	12	Wed.	7	—**A** ·66	14 ·29	28	14	Mon.	7	2 ·43	21 ·59	—30
14	Sat.	8	14 ·52	9 ·50	27	13	Thur.	8	1 ·60	15 ·27	29	15	Tues.	8	3 ·33	22 ·52	1
15	Sun.	9	—**A** ·56	10 ·56	28	14	Fri.	9	2 ·54	16 ·23	—30	16	Wed.	9	4 ·23	23 ·47	2
16	Mon.	10	1 ·59	11 ·62	29	15	Sat.	10	3 ·46	17 ·18	1	17	Thur.	10	5 ·15	24 ·42	3
17	Tues.	11	2 ·59	12 ·64	—30	16	Sun.	11	4 ·36	18 ·12	2	18	Fri.	11	6 ·11	25 ·38	4
18	Wed.	12	3 ·56	13 ·65	1					19 ·06					{ 7 ·08		
19	Thur.	13	4 ·52	14 ·63	2	17	Mon.	12	5 ·26	20 ·99	3	19	Sat.	12	{ 8 ·99	26 ·35	5
20	Fri.	14	5 ·47	15 ·60	3				*Sukla.*						9 ·97	27 ·34	6
21	Sat.	15	6 ·39	16 ·56	4	18	Tues.	13	6 ·16	21 ·92	4	20	Sun.	13	10 ·97	1 ·36	7
22	Sun.	16	*Sukla.* 7 ·31	17 ·51	5	19	Wed.	14	{ 7 ·06	22 ·85	5	21	Mon.	14	11 ·99	2 ·39	8
23	Mon.	17	8 ·22	18 ·44	6				{ 8 ·97			22	Tues.	15	... ..	3 ·44	9
24	Tues.	18	9 ·12	19 ·37	7	20	Thur.	15	9 ·89	23 ·79	6	23	Wed.	16	12 ·03	4 ·51	10
			{ 10 ·02	20 ·30		21	Fri.	16	10 ·82	24 ·74	7	24	Thur.	17	13 ·10	5 ·60	11
25	Wed.	19	{ 11 ·92		8	22	Sat.	17	11 ·75	25 ·72	8	25	Fri.	18	14 ·17	6 ·71	12
26	Thur.	20	12 ·82	21 ·24	9	23	Sun.	18	12 ·70	26 ·70	9	26	Sat.	19	**P** ·25	7 ·82	13
27	Fri.	21	13 ·74	22 ·18	10	24	Mon.	19	13 ·69	27 ·70	10	27	Sun.	20	1 ·34	8 ·92	14
28	Sat.	22	14 ·66	23 ·12	11	25	Tues.	20	14 ·69	1 ·72	11	28	Mon.	21	2 ·43	... ...	15
29	Sun.	23	**P** ·58	24 ·08	12	26	Wed.	21	**P** ·70	2 ·76	12	29	Tues.	22	3 ·51	9 ·02	16
30	Mon.	24	1 ·53	25 ·05	13	27	Thur.	22	1 ·74	3 ·83	13	—30	Wed.	23	4 ·56	10 ·11	17
31	Tues.	25	2 ·51	26 ·05	14	28	Fri.	23	2 ·80	4 ·91	14	1	Thur.	24	5 ·61	11 ·19	18
—32	Wed.	26	3 ·51	27 ·06	15	29	Sat.	24	3 ·88	... ...	15	2	Fri.	25	6 ·63	12 ·23	19
	Bhādrapada.					—30	Sun.	25	4 ·96	5 ·00	16	3	Sat.	26	7 ·63	13 ·26	20
1	Thur.	27	4 ·51	1 ·09	16	1	Mon.	26	... ...	6 ·11	17	4	Sun.	27	8 ·61	14 ·27	21
2	Fri.	28	5 ·55	2 ·14	17	2	Tues.	27	5 ·05	7 ·21	18	5	Mon.	28	9 ·58	15 ·26	22
3	Sat.	29	6 ·61	3 ·21	18	3	Wed.	28	6 ·14	8 ·33	19	6	Tues.	29	10 ·51	16 ·23	23
4	Sun.	30	7 ·67	4 ·30	19	4	Thur.	29	7 ·22	9 ·42	20	7	Wed.	30	11 ·43	17 ·19	24
5	Mon.	31	8 ·76	5 ·40	20	5	Fri.	30	8 ·27	10 ·50	21	8	Thur.	31			
						6	Sat.	31	9 ·32	11 ·56	22						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1014.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 23·36.
(Arya Sid.) March 23·32.

Śaka 936.

Kaliyuga 4115.
(S. Cycle) Ānanda.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Fri.	1	12 ·35	18 ·14	25	9	Mon.	1	12 ·17	23 ·48	25	9	Sat.	1	—A ·84	... ...	27
10	Sat.	2	13 ·26	19 ·07	26	10	Tues.	2	13 ·07 / 14 ·99	24 ·42	26	10	Sun.	2	1 ·87	3 ·01	28
11	Sun.	3	14 ·16	20 ·00 / 21 ·98	27	11	Wed.	3	—A ·91	25 ·38	27	11	Mon.	3	2 ·90	4 ·06	—29
12	Mon. ●	4	A ·06 / 1 ·96	22 ·87	28	12	Thur.	4	1 ·86	26 ·34	28	12	Tues.	4	3 ·96	5 ·12	1
13	Tues.	5	2 ·87	23 ·81	—29	13	Fri.	5	2 ·82	27 ·32	—29	13	Wed.	5	... ...	6 ·21	2
14	Wed.	6	3 ·78	24 ·75	1	14	Sat.	6	3 ·81	1 ·32	1	14	Thur.	6	4 ·03	7 ·32	3
15	Thur.	7	4 ·72	25 ·71	2	15	Sun.	7	4 ·80	2 ·33	2	15	Fri.	7	5 ·11	8 ·42	4
16	Fri.	8	5 ·67	26 ·68	3	16	Mon.	8	5 ·82	3 ·37	3	16	Sat.	8	6 ·20	9 ·53	5
17	Sat.	9	6 ·63	27 ·68	4	17	Tues.	9	6 ·87	4 ·44	4	17	Sun.	9	7 ·28	10 ·63	6
18	Sun.	10	7 ·61	1 ·68	5	18	Wed.	10	7 ·92	5 ·52	5	18	Mon.	10	8 ·35	11 ·72	7
19	Mon.	11	8 ·61	2 ·70	6	19	Thur.	11	... ...	6 ·61	6	19	Tues.	11	9 ·39	12 ·80	8
20	Tues.	12	9 ·61	3 ·75	7	20	Fri.	12	8 ·01	7 ·71	7	20	Wed.	12	10 ·43	13 ·85	9
21	Wed.	13	10 ·67	4 ·82	8	21	Sat.	13	9 ·09	8 ·82	8	21	Thur.	13	11 ·44	14 ·88	10
22	Thur.	14	11 ·74	5 ·91	9	22	Sun.	14	10 ·17	9 ·93	9	22	Fri.	14	12 ·43	15 ·89	11
23	Fri.	15	12 ·81	... ...	10	23	Mon.	15	11 ·25	... ...	10	23	Sat.	15	13 ·40	16 ·88	12
24	Sat.	16	13 ·90	6 ·01	11	24	Tues.	16	12 ·31	10 ·03	11	24	Sun.	16	14 ·36	17 ·85	13
25	Sun.	17	14 ·99	7 ·12	12	25	Wed.	17	13 ·37	11 ·11	12	25	Mon.	17	P ·30	18 ·82	14
26	Mon.	18	... ...	8 ·22	13	26	Thur.	18	14 ·41	12 ·17	13	26	Tues.	18	1 ·22	19 ·77	15
27	Tues.	19	P ·08	9 ·32	14	27	Fri.	19	P ·42	13 ·21	14	27	Wed.	19	2 ·13	20 ·70	16
28	Wed.	20	1 ·15	10 ·41	15	28	Sat.	20	1 ·41	14 ·24	15	28	Thur.	20	3 ·03 / 4 ·93	21 ·64	17
—29	Thur.	21	2 ·21	11 ·49	16	29	Sun.	21	2 ·38	15 ·24	16	29	Fri.	21	5 ·83	22 ·57	18
1	Fri.	22	3 ·26	12 ·55	17	30	Mon.	22	3 ·34	16 ·23	17	30	Sat.	22	6 ·73	23 ·50	19
2	Sat.	23	4 ·26	13 ·58	18	1	Tues.	23	4 ·28	17 ·19	18	31	Sun.	23	7 ·63	24 ·44	20
3	Sun.	24	5 ·26	14 ·59	19	2	Wed.	24	5 ·20	18 ·14	19	—32	Mon.	24	8 ·54	25 ·38	21
4	Mon.	25	6 ·23	15 ·58	20	3	Thur.	25	6 ·11	19 ·09	20	1	Tues.	25	9 ·46	26 ·33	22
5	Tues.	26	7 ·19	16 ·57	21	4	Fri.	26	7 ·02 / 8 ·92	20 ·03 / 21 ·96	21	2	Wed.	26	10 ·40	27 ·30	23
6	Wed.	27	8 ·12	17 ·53	22	5	Sat.	27	9 ·82	22 ·89	22	3	Thur.	27	11 ·35	1 ·30	24
7	Thur.	28	9 ·05 / 10 ·97	18 ·47	23	6	Sun.	28	10 ·72	23 ·82	23	4	Fri.	28	12 ·38	2 ·30	25
8	Fri.	29	11 ·88	19 ·41	24	7	Mon.	29	11 ·62	24 ·76	24	5	Sat.	29	13 ·33	3 ·32	26
9	Sat.	30	12 ·78	20 ·34	25	8	Tues.	30	12 ·53	25 ·71	25	6	Sun.	30	14 ·34	4 ·36	27
10	Sun.	31	13 ·68	21 ·28	26	9	Wed.	31	13 ·45	26 ·67	26	7	Mon.	31	—A ·37	5 ·43	28
	Feb.						**April.**						**June.**				
11	Mon.	1	14 ·58	22 ·21	27	10	Thur.	1	14 ·40	27 ·65	27	8	Tues.	1	1 ·43	6 ·52	29
12	Tues.	2	—A ·49	23 ·14	28	11	Fri.	2	—A ·36	1 ·64	28	9	Wed.	2	2 ·50	7 ·62	—30
13	Wed.	3	1 ·41	24 ·09	29	12	Sat.	3	1 ·34	2 ·65	29	10	Thur.	3	3 ·58	8 ·72	1
14	Thur.	4	2 ·33	25 ·04	—30	13	Sun.	4	2 ·33	3 ·69	—30	11	Fri.	4	4 ·67	9 ·83	2
15	Fri.	5	3 ·28	26 ·01	1	14	Mon.	5	3 ·36	4 ·75	1	12	Sat.	5	5 ·75	10 ·93	3
16	Sat.	6	4 ·24	27 ·00	2	15	Tues.	6	4 ·40	5 ·82	2	13	Sun.	6	6 ·81	... ...	4
17	Sun.	7	5 ·22	1 ·00	3	16	Wed.	7	5 ·46	6 ·91	3	14	Mon.	7	7 ·86	11 ·03	5
18	Mon.	8	6 ·22	2 ·02	4	17	Thur.	8	6 ·54	... ...	4	15	Tues.	8	8 ·91	12 ·11	6
19	Tues.	9	7 ·24	3 ·06	5	18	Fri.	9	7 ·62	7 ·01	5	16	Wed.	9	9 ·91	13 ·16	7
20	Wed.	10	8 ·29	4 ·12	6	19	Sat.	10	8 ·70	8 ·12	6	17	Thur.	10	10 ·91	14 ·20	8
21	Thur.	11	9 ·35	5 ·21	7	20	Sun.	11	9 ·78	9 ·23	7	18	Fri.	11	11 ·88	15 ·21	9
22	Fri.	12	10 ·43	6 ·31	8	21	Mon.	12	10 ·85	10 ·33	8	19	Sat.	12	12 ·84	16 ·21	10
23	Sat.	13	11 ·52	7 ·41	9	22	Tues.	13	11 ·90	11 ·41	9	20	Sun.	13	13 ·77	17 ·19	11
24	Sun.	14	12 ·60	8 ·52	10	23	Wed.	14	12 ·95	12 ·48	10	21	Mon.	14	14 ·70	18 ·15	12
25	Mon.	15	13 ·68	9 ·62	11	24	Thur.	15	13 ·96	13 ·54	11	22	Tues.	15	P ·61	19 ·10	13
26	Tues.	16	14 ·75	10 ·72	12	25	Fri.	16	14 ·94	14 ·56	12	23	Wed.	16	1 ·51	20 ·04 / 21 ·97	14
27	Wed.	17	P ·81	11 ·80	13	26	Sat.	17	P ·91	15 ·57	13	24	Thur.	17	2 ·41	22 ·91	15
28	Thur.	18	1 ·85	12 ·88	14	27	Sun.	18	1 ·87	16 ·55	14	25	Fri.	18	3 ·31	23 ·84	16
29	Fri.	19	2 ·86	13 ·90	15	28	Mon.	19	2 ·80	17 ·52	15	26	Sat.	19	4 ·21	24 ·78	17
—30	Sat.	20	3 ·85	14 ·91	16	29	Tues.	20	3 ·72	18 ·49	16	27	Sun.	20	5 ·11	25 ·72	18
1	Sun.	21	4 ·81	15 ·92	17	30	Wed.	21	4 ·63	19 ·43	17	28	Mon.	21	6 ·02 / 7 ·95	26 ·66	19
2	Mon.	22	5 ·77	16 ·90	18	31	Thur.	22	5 ·53	20 ·37	18	29	Tues.	22	8 ·88	27 ·64	20
3	Tues.	23	6 ·72	17 ·86	19	1	Fri.	23	6 ·43	21 ·30	19	30	Wed.	23	9 ·83	1 ·62	21
4	Wed.	24	7 ·65	18 ·81	20	2	Sat.	24	7 ·33	22 ·23	20	—31	Thur.	24	10 ·81	2 ·62	22
5	Thur.	25	8 ·56	19 ·75	21	3	Sun.	25	8 ·23	23 ·16	21	1	Fri.	25	11 ·81	3 ·64	23
6	Fri.	26	9 ·47	20 ·69	22	4	Mon.	26	9 ·13	24 ·10	22	2	Sat.	26	12 ·82	4 ·68	24
7	Sat.	27	10 ·37	21 ·62	23	5	Tues.	27	10 ·04 / 11 ·97	25 ·05	23	3	Sun.	27	13 ·86	5 ·74	25
8	Sun.	28	11 ·27	22 ·55	24	6	Wed.	28	12 ·92	26 ·00 / 27 ·97	24	4	Mon.	28	14 ·91	6 ·82	26
						7	Thur.	29	13 ·87	1 ·96	25	5	Tues. ●	29	—A ·97	7 ·92	27
						8	Fri.	30	14 ·85	2 ·98	26	6	Wed.	30	... ...	... ...	28

Pramādin. **Makara—Tal.** *Śukla.* **Māgha.** *Bahula.* *H. 404 Rajab.*

Pramādin. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H. 404 Sha'bān.*

Ānanda. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 404 Shawwāl.*

Ānanda. **Vṛish.—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 404 Ramaẓān.*

Ānanda. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H. 404 Zi-l-ka'da.*

Ānanda. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 404 Zi-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1014. **Kollam 190,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 405.** Commences **July 2.** **Vikrama 1071.** **Bengal San. 420.** **(N. Cycle) Anala.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Thur.	1	1 05	8 02	—29	6	Wed.	1	4 43	15 18	3	7	Mon.	1	6 27	22 61	5
8	Fri.	2	2 14	9 12	1	7	Thur.	2	5 41	16 19	4	8	Tues.	2	7 17	23 55	6
9	Sat.	3	3 23	10 23	2	8	Fri.	3	6 38	17 18	5	9	Wed.	3	8 07 / 9 98	24 48	7
10	Sun.	4	4 30	11 33	3	9	Sat.	4	7 32	18 15	6	10	Thur.	4	10 89	25 41	8
11	Mon.	5	5 36	12 41	4	10	Sun.	5	8 24	19 12	7	11	Fri.	5	11 80	26 35	9
12	Tues.	6	6 39	13 47	5	11	Mon.	6	9 16	20 06	8	12	Sat.	6	12 72	27 29	10
13	Wed.	7	7 40	14 51	6	12	Tues.	7	10 06 / 11 96	21 00 / 22 93	9	13	Sun.	7	13 66	1 27	11
14	Thur.	8	8 39	15 53	7	13	Wed.	8	12 86	23 86	10	14	Mon.	8	14 62	2 24	12
15	Fri.	9	9 36	16 54	8	14	Thur.	9	13 76	24 79	11	15	Tues.	9	P 61	3 24	13
16	Sat.	10	10 33	17 52	9	15	Fri.	10	14 67	25 73	12	16	Wed.	10	1 61	4 25	14
17	Sun.	11	11 26	18 49	10	16	Sat.	11	P 58	26 68	13	17	Thur.	11	2 63	5 29	15
18	Mon.	12	12 19	19 44	11	17	Sun.	12	1 51	27 63	14	18	Fri.	12	3 68	6 36	16
19	Tues.	13	13 11	20 38	12	18	Mon.	13	2 45	1 60	15	19	Sat.	13	4 74	7 43	17
20	Wed. ○	14	14 02 / P 91	21 32	13	19	Tues.	14	3 40	2 58	16	20	Sun.	14	5 80	8 52	18
21	Thur.	15	1 81	22 25	14	20	Wed.	15	4 39	3 60	17	21	Mon.	15	6 89	9 62	19
22	Fri.	16	2 71	23 18	15	21	Thur.	16	5 39	4 62	18	22	Tues.	16	7 98	10 73	20
23	Sat.	17	3 61	24 11	16	22	Fri.	17	6 40	5 67	19	23	Wed.	17	... ...	11 84	21
24	Sun.	18	4 52	25 05	17	23	Sat.	18	7 43	6 73	20	24	Thur.	18	8 07	12 94	22
25	Mon.	19	5 43	26 01 / 27 97	18	24	Sun.	19	8 50	7 82	21	25	Fri.	19	9 15	... ...	23
26	Tues.	20	6 37	1 95	19	25	Mon.	20	9 56	8 92	22	26	Sat.	20	10 22	13 02	24
27	Wed.	21	7 32	2 94	20	26	Tues.	21	10 64	... ...	23	27	Sun.	21	11 25	14 09	25
28	Thur.	22	8 31	3 95	21	27	Wed.	22	11 73	9 03	24	28	Mon.	22	12 26	15 13	26
29	Fri.	23	9 30	... ...	22	28	Thur.	23	12 81	10 13	25	29	Tues.	23	13 27	16 15	27
30	Sat.	24	10 30	4 00	23	29	Fri.	24	13 89	11 24	26	—30	Wed.	24	14 24	17 16	28
31	Sun.	25	11 34	5 05	24	—30	Sat.	25	14 95	12 33	27	1	Thur.	25	—A 20	18 15	29
—32	Mon.	26	12 41	6 12	25	1	Sun.	26	—A 99	13 41	28	2	Fri.	26	1 14	19 12	—30
1	Tues.	27	13 49	7 21	26	2	Mon.	27	... ...	14 46	29	3	Sat.	27	2 08 / 3 99	20 07	1
2	Wed.	28	14 57	8 32	27	3	Tues.	28	1 02	15 50	—30	4	Sun.	28	4 90	21 01 / 22 95	2
3	Thur.	29	—A 65	9 42	28	4	Wed.	29	2 02 / 3 99	16 51	1	5	Mon.	29	5 82	23 88	3
4	Fri.	30	1 73	10 54	29	5	Thur.	30	4 95	17 50	2	6	Tues.	30	6 71	24 81	4
5	Sat.	31	2 78	11 63	—30												
	Aug.						**Oct.**						**Dec.**				
6	Sun.	1	3 83	12 72	1	6	Fri.	1	5 90	18 49	3	7	Wed.	1	7 61	25 74	5
7	Mon.	2	4 88	13 78	2	7	Sat.	2	6 82	19 45	4	8	Thur.	2	8 52	26 68	6
8	Tues.	3	5 91	14 83	3	8	Sun.	3	7 71	20 40	5	9	Fri.	3	9 44	27 64	7
9	Wed.	4	6 89	15 86	4	9	Mon.	4	8 65	21 34	6	10	Sat.	4	10 36	1 60	8
10	Thur.	5	7 87	16 87	5	10	Tues.	5	9 55	22 27	7	11	Sun.	5	11 31	2 57	9
11	Fri.	6	8 83	17 85	6	11	Wed.	6	10 45	23 20	8	12	Mon.	6	12 27	3 56	10
12	Sat.	7	9 77	18 82	7	12	Thur.	7	11 35	24 14	9	13	Tues.	7	13 25	4 57	11
13	Sun.	8	10 70	19 77	8	13	Fri.	8	12 26	25 07	10	14	Wed.	8	14 25	5 61	12
14	Mon.	9	11 61	20 73	9	14	Sat.	9	13 17	26 01 / 27 96	11	15	Thur.	9	P 28	6 66	13
15	Tues.	10	12 52	21 66	10	15	Sun.	10	14 10	1 93	12	16	Fri.	10	1 33	7 73	14
16	Wed.	11	13 42	22 59	11	16	Mon.	11	P 05	2 92	13	17	Sat.	11	2 38	8 82	15
17	Thur.	12	14 32	23 52	12	17	Tues.	12	1 00 / 2 98	3 92	14	18	Sun.	12	3 46	9 92	16
18	Fri.	13	P 22	24 45	13	18	Wed.	13	3 98	4 94	15	19	Mon.	13	4 55	... ...	17
19	Sat.	14	1 12	25 40	14	19	Thur.	14	... ...	5 98	16	20	Tues.	14	5 64	10 03	18
20	Sun.	15	2 03 / 3 95	26 34	15	20	Fri.	15	4 00	... ...	17	21	Wed.	15	6 73	11 14	19
21	Mon.	16	4 90	27 30	16	21	Sat.	16	5 03	6 04	18	22	Thur.	16	7 80	12 24	20
22	Tues.	17	5 85	1 27	17	22	Sun.	17	6 10	7 13	19	23	Fri.	17	8 86	13 33	21
23	Wed.	18	6 83	2 26	18	23	Mon.	18	7 17	8 22	20	24	Sat.	18	9 90	14 40	22
24	Thur.	19	7 82	3 27	19	24	Tues.	19	8 25	9 33	21	25	Sun.	19	10 92	15 44	23
25	Fri.	20	8 84	4 31	20	25	Wed.	20	9 34	10 43	22	26	Mon.	20	11 91	16 48	24
26	Sat.	21	9 87	5 36	21	26	Thur.	21	10 44	11 54	23	27	Tues.	21	12 89	17 49	25
27	Sun.	22	10 93	6 43	22	27	Fri.	22	11 51	12 64	24	28	Wed.	22	13 84	18 48	26
28	Mon.	23	... ...	7 52	23	28	Sat.	23	12 56	13 72	25	—29	Thur.	23	14 79	19 45	27
29	Tues.	24	11 00	8 61	24	29	Sun.	24	13 60	14 78	26	1	Fri.	21	—A 72	20 40	28
30	Wed.	25	12 07	9 73	25	—30	Mon.	25	14 62	15 81	27	2	Sat.	25	1 63	21 36	—29
—31	Thur.	26	13 16	10 84	26	1	Tues.	26	—A 63	16 83	28	3	Sun.	26	2 53	22 29	1
1	Fri.	27	14 24	11 94	27	2	Wed.	27	1 60	17 83	—29	4	Mon.	27	3 43	23 22	2
2	Sat.	28	—A 31	... ...	28	3	Thur.	28	2 57	18 82	1	5	Tues.	28	4 33	24 15	3
3	Sun.	29	1 38	12 02	—29	4	Fri.	29	3 52	19 78	2	6	Wed.	29	5 23	25 08	4
4	Mon.	30	2 41	13 09	1	5	Sat.	30	4 44	20 73	3	7	Thur.	30	6 15	26 08 / 27 97	5
5	Tues.	31	3 43	14 15	2	6	Sun.	31	5 36	21 67	4	8	Fri.	31	7 08	1 93	6

Ānanda. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Siṁha—Āvani.** *Ānanda.* **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.* **Tulā—Aippaśi.** *Ānanda.* **Vṛiśchika—Kārttigai.** *Sukla.* **Kārttika.** *Bahula.* **Dhanus—Mārgali.** *Ānanda.* **Makara—Tai.** *Sukla.* **Māgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Makara—Tai.** *Ānanda.*

H. 405 *Muḥarram.* *H.* 405 *Ṣafar.* *H.* 405 *Rabī-ul awwal.* *H.* 405 *Rabī-ul ākhir.* *H.* 405 *Jamāda'l awwa'.* *H.* 405 *Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1015. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·62.** **Śaka 937.** **Kaliyuga 4116.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·58.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.						SOLAR reckoning.			LUNAR reckoning.						SOLAR reckoning.			LUNAR reckoning.					
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.		Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.		Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	
	Jan.									**March.**									**May.**							
Ānanda. **Makara—Tai.**			*Bahula.*		**Māgha.**		*H.* 405 *Rajab.*		*Ānanda.* **Mīna—Pāguni.**			*Bahula.*		**Adhika Chaitra.**		*H.* 405 *Ramazān*		*Rākshasa.* **Vṛishabha—Vaigāśi.**			*Bahula.*		**Vaiśākha.**		*H.* 405 *Zi-l-ka'da.*	
9	Sat.	1	8 ·00 / 9 ·96		2 ·90		7		8	Tues.	1	8 ·10		6 ·59		7		8	Sun.	1	10 ·52		12 ·75		9	
10	Sun.	2	10 ·91		3 ·88		8		9	Wed.	2	9 ·14		7 ·65		8		9	Mon.	2	11 ·61		13 ·85		10	
11	Mon.	3	11 ·90		4 ·90		9		10	Thur.	3	10 ·18		8 ·74		9		10	Tues.	3	12 ·68		14 ·94		11	
12	Tues.	4	12 ·89		5 ·92		10		11	Fri.	4	11 ·24		9 ·83		10		11	Wed.	4	13 ·74		... ...		12	
13	Wed.	5	13 ·93		6 ·97		11		12	Sat.	5	12 ·32		10 ·93		11		12	Thur.	5	14 ·76		15 ·01		13	
14	Thur.	6	14 ·98		... ...		12		13	Sun.	6	13 ·41		... ...		12		13	Fri.	6	ℙ ·78		16 ·06		14	
15	Fri.	7	... ..		7 ·04		13		14	Mon.	7	14 ·49		11 ·04		13		14	Sat.	7	1 ·76		17 ·10		15	
16	Sat.	8	ℙ 03		8 ·12		14		15	Tues.	8	ℙ ·57		12 ·14		14		15	Sun.	8	2 ·72		18 ·11		16	
17	Sun.	9	1 ·11		9 ·22		15		16	Wed.	9	1 ·64		13 ·25		15		16	Mon.	9	3 ·68		19 ·10		17	
18	Mon.	10	2 ·19		10 ·34		16		17	Thur.	10	2 ·69		14 ·33		16		17	Tues.	10	4 ·62		20 ·07		18	
19	Tues.	11	3 ·29		11 ·44		17		18	Fri.	11	3 ·73		15 ·39		17		18	Wed.	11	5 ·54		21 ·03 / 22 ·99		19	
20	Wed.	12	4 ·37		12 ·54		18		19	Sat.	12	4 ·73		16 ·43		18		19	Thur.	12	6 ·44		23 ·92		20	
21	Thur.	13	5 ·45		13 ·63		19		20	Sun.	13	5 ·73		17 ·45		19		20	Fri.	13	7 ·34		24 ·86		21	
22	Fri	14	6 ·51		14 ·70		20		21	Mon.	14	6 ·69		18 ·46		20		21	Sat.	14	8 ·24		25 ·78		22	
23	Sat.	15	7 ·53		15 ·77		21		22	Tues.	15	7 ·65		19 ·45		21		22	Sun.	15	9 ·14		26 ·71		23	
24	Sun.	16	8 ·55		16 ·80		22		23	Wed.	16	8 ·59		20 ·41		22		23	Mon.	16	10 ·04 / 11 ·94		27 ·66		24	
25	Mon.	17	9 ·54		17 ·81		23		24	Thur.	17	9 ·50		21 ·36		23		24	Tues.	17	12 ·86		1 ·60		25	
26	Tues.	18	10 ·52		18 ·80		24		25	Fri.	18	10 ·41		22 ·30		24		25	Wed.	18	13 ·78		2 ·55		26	
27	Wed.	19	11 ·47		19 ·78		25		26	Sat.	19	11 ·32		23 ·24		25		26	Thur.	19	14 ·73		3 ·52		27	
28	Thur.	20	12 ·42		20 ·75		26		27	Sun.	20	12 ·22		24 ·18		26		27	Fri.	20	A ·67		4 ·51		28	
—29	Fri.	21	13 ·34		21 ·69		27		28	Mon.	21	13 ·12		25 ·11		27		28	Sat.	21	1 ·66		5 ·52		29	
1	Sat.	22	14 ·25		22 ·63		28		29	Tues.	22	14 ·02 / A ·93		26 ·04 / 27 ·98		28		29	Sun.	22	2 ·65		6 ·54		—30	
2	Sun.	23	A ·16		23 ·56		—29		—30	Wed.	23	1 ·84		1 ·92		29		30	Mon.	23	3 ·67		7 ·58		1	
3	Mon.	24	1 ·06 / 2 ·96		24 ·49		1		1	Thur.	24	2 ·77		2 ·89		—30		—31	Tues.	24	4 ·71		8 ·65		2	
4	Tues.	25	3 ·86		25 ·43		2		2	Fri.	25	3 ·71		3 ·87		1		1	Wed.	25	5 ·76		9 ·73		3	
5	Wed.	26	4 ·78		26 ·36		3		3	Sat.	26	4 ·68		4 ·86		2		2	Thur.	26	6 ·83		10 ·83		4	
6	Thur.	27	5 ·70		27 ·31		4		4	Sun.	27	5 ·65		5 ·87		3		3	Fri.	27	7 ·91		11 ·94		5	
7	Fri.	28	6 ·63		1 ·26		5		5	Mon.	28	6 ·65		6 ·90		4		4	Sat.	28	... ...		... ...		6	
8	Sat.	29	7 ·58		2 ·22		6		6	Tues.	29	7 ·68		7 ·97		5		5	Sun.	29	8 ·01		12 ·05		7	
9	Sun.	30	8 ·53		3 ·21		7		7	Wed.	30	8 ·73		... ...		6		6	Mon.	30	9 ·08		13 ·15		8	
10	Mon.	31	9 ·52		4 ·22		8		8	Thur.	31	9 ·78		8 ·04		7		7	Tues.	31	10 ·14		14 ·24		9	
	Feb.									**April.**									**June.**							
Ānanda. **Kumbha—Māśi.**			*Bahula.*		**Phālguna.**		*H.* 405 *Sha'bān.*		*Rākshasa.* **Mēsha—Chittirai.**			*Bahula.*		**Vija Chaitra.**		*H.* 405 *Shawwāl.*		*Rākshasa.* **Mithuna—Āni.**			*Bahula.*		**Jyeshtha.**		*H.* 406 *Zi-l-hijja.*	
11	Tues.	1	10 ·51		5 ·24		9		9	Fri.	1	10 ·86		9 ·13		8		8	Wed.	1	11 ·20		15 ·32		10	
12	Wed.	2	11 ·55		6 ·28		10		10	Sat.	2	11 ·95		10 ·23		9		9	Thur.	2	12 ·23		16 ·38		11	
13	Thur.	3	12 ·60		7 ·34		11		11	Sun.	3	... ...		11 ·34		10		10	Fri.	3	13 ·24		17 ·42		12	
14	Fri.	4	13 ·66		8 ·42		12		12	Mon.	4	12 ·03		12 ·45		11		11	Sat.	4	14 ·23		18 ·43		13	
15	Sat.	5	14 ·74		9 ·53		13		13	Tues.	5	13 ·10		13 ·55		12		12	Sun. ○	5	ℙ ·21		19 ·43		14	
16	Sun.	6	ℙ ·82		10 ·63		14		14	Wed.	6	14 ·17		14 ·63		13		13	Mon.	6	1 ·16		20 ·40		15	
17	Mon.	7	1 ·91		11 ·74		15		15	Thur.	7	ℙ ·23		15 ·70		14		14	Tues.	7	2 ·10		21 ·37		16	
18	Tues.	8	2 ·99		12 ·81		16		16	Fri.	8	1 ·26		16 ·75		15		15	Wed.	8	3 ·02 / 4 ·92		22 ·32		17	
19	Wed.	9	... ..		13 ·93		17		17	Sat.	9	2 ·26		17 ·77		16		16	Thur.	9	5 ·82		23 ·26		18	
20	Thur.	10	3 ·06		... ...		18		18	Sun.	10	3 ·26		18 ·79		17		17	Fri.	10	6 ·72		24 ·19		19	
21	Fri.	11	4 ·11		14 ·02		19		19	Mon.	11	4 ·22		19 ·77		18		18	Sat.	11	7 ·62		25 ·12		20	
22	Sat.	12	5 ·13		15 ·08		20		20	Tues.	12	5 ·17		20 ·74		19		19	Sun.	12	8 ·52		26 ·06		21	
23	Sun.	13	6 ·15		16 ·12		21		21	Wed.	13	6 ·11		21 ·70		20		20	Mon.	13	9 ·42		27 ·00 / 1 ·94		22	
24	Mon.	14	7 ·15		17 ·13		22		22	Thur.	14	7 ·04 / 8 ·94		22 ·64		21		21	Tues.	14	10 ·32		2 ·89		23	
25	Tues.	15	8 ·12		18 ·13		23		23	Fri.	15	9 ·84		23 ·59		22		22	Wed.	15	11 ·25		3 ·85		24	
26	Wed.	16	9 ·07		19 ·12		24		24	Sat.	16	10 ·74		24 ·52		23		23	Thur.	16	12 ·20		4 ·84		25	
27	Thur.	17	10 ·02 / 11 ·94		20 ·08		24		25	Sun.	17	11 ·64		25 ·45		24		24	Fri.	17	13 ·15		5 ·84		26	
28	Fri.	18	12 ·86		21 ·03 / 22 ·97		25		26	Mon.	18	12 ·54		26 ·38		25		25	Sat.	18	14 ·14		6 ·87		27	
29	Sat.	19	13 ·76		23 ·90		26		27	Tues.	19	13 ·44		27 ·31		26		26	Sun. ●	19	A ·14		7 ·89		28	
30	Sun.	20	14 ·66		24 ·84		27		28	Wed.	20	14 ·36		1 ·27		27		27	Mon.	20	1 ·15		8 ·95		—29	
—31	Mon.	21	A ·56		25 ·77		28		29	Thur.	21	A ·28		2 ·22		28		28	Tues.	21	2 ·19		... ...		1	
1	Tues.	22	1 ·46		26 ·70		—29		30	Fri.	22	1 ·23		3 ·19		—29		29	Wed.	22	3 ·24		9 ·03		2	
2	Wed.	23	2 ·37		27 ·64		1		—31	Sat.	23	2 ·19		4 ·18		1		30	Thur.	23	4 ·30		10 ·14		3	
3	Thur.	24	3 ·29		1 ·59		2		1	Sun.	24	3 ·17		5 ·19		2		31	Fri.	24	5 ·38		11 ·24		4	
4	Fri.	25	4 ·22		2 ·55		3		2	Mon.	25	4 ·17		6 ·23		3		—32	Sat.	25	6 ·46		12 ·35		5	
5	Sat.	26	5 ·16		3 ·54		4		3	Tues.	26	5 ·19		7 ·28		4		1	Sun.	26	7 ·54		13 ·45		6	
6	Sun.	27	6 ·18		4 ·54		5		4	Wed.	27	6 ·24		8 ·34		5		2	Mon.	27	8 ·62		14 ·54		7	
7	Mon.	28	7 ·11		5 ·55		6		5	Thur.	28	7 ·29		9 ·43		6		3	Tues.	28	9 ·68		15 ·63		8	
									6	Fri.	29	8 ·36		10 ·53		7		4	Wed.	29	10 ·72		16 ·69		9	
									7	Sat.	30	9 ·44		11 ·64		8		5	Thur.	30	11 ·72		17 ·78			

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleah. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1015. **Kollam 191,** Commences {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 406.** Commences **June 21.** **Vikrama 1072.** **Bengal San. 421.** **(N. Cycle) Piṅgala.**

A—Amāvāsyā. **P—Paurnimā.**

July.

Rākshasa. **Karkataka—Ādi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
6	Fri. 1	12 ·71	18 ·75	11
7	Sat. 2	13 ·69	19 ·75	12
8	Sun. 3	14 ·64	20 ·74	13
9	Mon. 4	P ·58	21 ·71	14
10	Tues. 5	1 ·50	22 ·66	15
11	Wed. 6	2 ·41	23 ·60	16
12	Thur. 7	3 ·31	24 ·53	17
13	Fri. 8	4 ·21	25 ·47	18
14	Sat. 9	5 ·11	26 ·40	19
15	Sun. 10	6 ·01 / 7 ·91	27 ·33	20
16	Mon. 11	8 ·82	1 ·27	21
17	Tues. 12	9 ·75	2 ·22	22
18	Wed. 13	10 ·69	3 ·18	23
19	Thur. 14	11 ·65	4 ·17	24
20	Fri. 15	12 ·62	5 ·16	25
21	Sat. 16	13 ·61	6 ·17	26
22	Sun. 17	14 ·63	7 ·21	27
23	Mon. 18	—A ·67	8 ·26	28
24	Tues. 19	1 ·72	9 ·35	29
25	Wed. 20	2 ·80	10 ·44	—30
26	Thur. 21	3 ·89	11 ·54	1
27	Fri. 22	4 ·97	12 ·64	2
28	Sat. 23	... ...	13 ·75	3
29	Sun. 24	5 ·04	14 ·86	4
30	Mon. 25	6 ·11	15 ·94	5
—31	Tues. 26	7 ·16	... .	6
1	Wed. 27	8 ·20	16 ·00	7
2	Thur. 28	9 ·22	17 ·05	8
3	Fri. 29	10 ·22	18 ·07	9
4	Sat. 30	11 ·18	19 ·09	10
5	Sun. 31	12 ·14	20 ·07	11

Śukla. **Āshādha.** *Bahula.* **Śrāvaṇa.**

H. 406 Muharram.

Aug.

Rākshasa. **Siṁha—Āvaṇi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
6	Mon. 1	13 ·08	21 ·04 / 22 ·99	12
7	Tues. 2	14 ·00 / P ·92	23 ·94	13
8	Wed. 3	1 ·82	24 ·88	14
9	Thur. 4	2 ·72	25 ·81	15
10	Fri. 5	3 ·62	26 ·74	16
11	Sat. 6	4 ·52	27 ·67	17
12	Sun. 7	5 ·42	1 ·61	18
13	Mon. 8	6 ·33	2 ·55	19
14	Tues. 9	7 ·27	3 ·52	20
15	Wed. 10	8 ·21	4 ·49	21
16	Thur. 11	9 ·16	5 ·48	22
17	Fri. 12	10 ·13	6 ·49	23
18	Sat. 13	11 ·13	7 ·52	24
19	Sun. 14	12 ·14	8 ·58	25
20	Mon. 15	13 ·17	9 ·65	26
21	Tues. 16	14 ·24	10 ·74	27
22	Wed. 17	—A ·31	11 ·84	28
23	Thur. 18	1 ·40	12 ·94	—29
24	Fri. 19	2 ·48	... ...	1
25	Sat. 20	3 ·56	13 ·06	2
26	Sun. 21	4 ·64	14 ·16	3
27	Mon. 22	5 ·69	15 ·24	4
28	Tues. 23	6 ·73	16 ·31	5
29	Wed. 24	7 ·75	17 ·36	6
30	Thur. 25	8 ·74	18 ·40	7
—31	Fri. 26	9 ·71	19 ·1	8
1	Sat. 27	10 ·68	20 ·40	9
2	Sun. 28	11 ·62	21 ·37	10
3	Mon. 29	12 ·54	22 ·33	11
4	Tues. 30	13 ·45	23 ·27	12
5	Wed. 31	14 ·36	24 ·22	13

Śukla. **Bhādrapada.** *Bahula.*

H. 406 Rabī-ul awwal. *H. 406 Śafar.*

Sep.

Rākshasa. **Kanyā—Puraṭṭāśi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
6	Thur 1	P ·26	25 ·15	14
7	Fri. 2	1 ·16	26 ·08	15
8	Sat. 3	2 ·06 / 3 ·96	27 ·01 / 1 ·94	16
9	Sun. 4	4 ·88	2 ·90	17
10	Mon. 5	5 ·81	3 ·85	18
11	Tues. 6	6 ·75	4 ·82	19
12	Wed. 7	7 ·70	5 ·80	20
13	Thur. 8	8 ·68	6 ·81	21
14	Fri. 9	9 ·68	7 ·84	22
15	Sat. 10	10 ·69	8 ·89	23
16	Sun. 11	11 ·74	9 ·95	24
17	Mon. 12	12 ·79	.. ...	25
18	Tues. 13	13 ·87	10 ·04	26
19	Wed. 14	14 ·96	11 ·13	27
20	Thur. 15	:: ..	12 ·25	28
21	Fri. 16	—A ·04	13 ·36	29
22	Sat. 17	1 ·13	14 ·46	—30
23	Sun. 18	2 ·20	15 ·55	1
24	Mon. 19	3 ·26	16 ·62	2
25	Tues. 20	4 ·29	17 ·68	3
26	Wed. 21	5 ·32	18 ·72	4
27	Thur. 22	6 ·31	19 ·73	5
28	Fri. 23	7 ·28	20 ·72	6
29	Sat. 24	8 ·25	21 ·70	7
—30	Sun. 25	9 ·18	22 ·66	8
1	Mon. 26	10 ·11	23 ·62	9
2	Tues. 27	11 ·02 / 12 ·93	24 ·56	10
3	Wed. 28	13 ·83	25 ·49	11
4	Thur. 29	14 ·73	26 ·42	12
5	Fri. 30	P ·64	27 ·35	13

Śukla. **Bhād.** *Bahula.*

H. 406 Rabī-ul awwal.

Oct.

Rākshasa. **Tulā—Aippaśi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
6	Sat. 1	1 ·55	1 ·29	14
7	Sun. 2	2 ·46	2 ·23	15
8	Mon. 3	3 ·40	3 ·18	16
9	Tues. 4	4 ·35	4 ·15	17
10	Wed. 5	5 ·30	5 ·13	18
11	Thur. 6	6 ·28	6 ·14	19
12	Fri. 7	7 ·27	7 ·16	20
13	Sat. 8	8 ·28	8 ·20	21
14	Sun. 9	9 ·33	9 ·26	22
15	Mon. 10	10 ·40	10 ·34	23
16	Tues. 11	11 ·48	11 ·44	24
17	Wed. 12	12 ·56	12 ·55	25
18	Thur. 13	13 ·65	13 ·65	26
19	Fri. 14	14 ·73	14 ·76	27
20	Sat. 15	—A ·80	15 ·85	28
21	Sun. 16	1 ·86	16 ·93	—29
22	Mon. 17	2 ·89	... ..	1
23	Tues. 18	3 ·92	17 ·00	2
24	Wed. 19	4 ·91	18 ·03	3
25	Thur. 20	5 ·90	19 ·05	4
26	Fri. 21	6 ·85	20 ·05	5
27	Sat. 22	7 ·79	21 ·03	6
28	Sun. 23	8 ·72	22 ·00 / 23 ·95	7
29	Mon. 24	9 ·64	24 ·89	8
—30	Tues. 25	10 ·55	25 ·53	9
1	Wed. 26	11 ·45	26 ·75	10
2	Thur. 27	12 ·35	27 ·69	11
3	Fri 28	13 ·25	1 ·63	12
4	Sat. 29	14 ·17	2 ·57	13
5	Sun. 30	P ·09	3 ·51	14
6	Mon. 31	1 ·01 / 2 ·94	4 ·48	15

Śukla. **Āśvina.** *Bahula.* **Kārttika.**

H. 406 Jamāda'l awwal. *H. 406 Rabī-ul ākhir.*

Nov.

Rākshasa. **Vṛiśchika—Kārttigai.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
7	Tues. 1	3 ·91	5 ·46	16
8	Wed. 2	4 ·90	6 ·46	17
9	Thur. 3	5 ·89	7 ·47	18
10	Fri. 4	6 ·92	8 ·51	19
11	Sat. 5	7 ·96	9 ·57	20
12	Sun. 6	:: ...	10 ·64	21
13	Mon. 7	8 ·02	11 ·74	22
14	Tues. 8	9 ·10	12 ·84	23
15	Wed. 9	10 ·18	13 ·95	24
16	Thur. 10	11 ·28	... ...	25
17	Fri. 11	12 ·36	14 ·06	26
18	Sat. 12	13 ·43	15 ·15	27
19	Sun. 13	14 ·49	16 ·24	28
20	Mon. 14	—A ·53	17 ·31	29
21	Tues. 15	1 ·56	18 ·35	—30
22	Wed. 16	2 ·54	19 ·37	1
23	Thur. 17	3 ·53	20 ·37	2
24	Fri. 18	4 ·48	21 ·37	3
25	Sat. 19	5 ·42	22 ·33	4
26	Sun. 20	6 ·35	23 ·29	5
27	Mon. 21	7 ·27	24 ·23	6
28	Tues. 22	8 ·18	25 ·16	7
29	Wed. 23	9 ·08 / 10 ·98	26 ·10	8
—30	Thur. 24	11 ·88	27 ·03 / 1 ·96	9
1	Fri. 25	12 ·80	2 ·90	10
2	Sat. 26	13 ·72	3 ·85	11
3	Sun. 27	14 ·65	4 ·82	12
4	Mon. ○ 28	P ·59	5 ·79	13
5	Tues. 29	1 ·55	6 ·78	14
6	Wed. 30	2 ·54	7 ·79	15

Śukla. **Kārttika.** *Bahula.* **Bahula.**

H. 406 Jamāda'l awwal. *H. 406 Rajab.*

Dec.

Rākshasa. **Dhanus—Mārgaḷi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
7	Thur. 1	3 ·53	8 ·82	16
8	Fri. 2	4 ·57	9 ·87	17
9	Sat. 3	5 ·61	10 ·95	18
10	Sun. 4	6 ·68	... ...	19
11	Mon. 5	7 ·76	11 ·04	20
12	Tues. 6	8 ·84	12 ·14	21
13	Wed. 7	9 ·93	13 ·25	22
14	Thur. 8	... ...	14 ·35	23
15	Fri 9	10 ·01	15 ·46	24
16	Sat. 10	11 ·08	16 ·55	25
17	Sun. 11	12 ·14	17 ·62	26
18	Mon. 12	13 ·18	18 ·66	27
19	Tues. 13	14 ·21	19 ·69	28
20	Wed. 14	—A ·20	20 ·71	—29
21	Thur. 15	1 ·17	21 ·70	1
22	Fri. 16	2 ·13	22 ·67	2
23	Sat. 17	3 ·07 / 4 ·99	23 ·62	3
24	Sun. 18	5 ·91	24 ·57	4
25	Mon. 19	6 ·82	25 ·51	5
26	Tues. 20	7 ·73	26 ·44	6
27	Wed. 21	8 ·63	27 ·37	7
28	Thur. 22	9 ·53	1 ·30	8
29	Fri. 23	10 ·44	2 ·24	9
1	Sat. 24	11 ·35	3 ·18	10
2	Sun. 25	12 ·29	4 ·15	11
3	Mon. 26	13 ·23	5 ·12	12
4	Tues. 27	14 ·20	6 ·10	13
5	Wed. 28	P ·18	7 ·11	14
6	Thur. 29	1 ·19	8 ·13	15
7	Fri. 30	2 ·21	9 ·19	16
8	Sat. 31	3 ·26	10 ·26	17

Śukla. **Mārgaśīrsha.** *Bahula.* **Pausha.**

H. 406 Rajab.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18 Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1016. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·88.** **Śaka 938.** **Kaliyuga 4117.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·84.** **(S. Cycle) Anala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1		11 ·34	18	9	Thur. 1	5 ·95	16 ·46	19	9	Tues. 1	6 ·05	22 ·32	21
10	Mon. 2		12 ·44	19	10	Fri. 2	... ...	17 ·55	20	10	Wed. 2	7 ·00	23 ·29	22
11	Tues. 3		13 ·55	20	11	Sat. 3	6 ·01	18 ·61	21			8 ·94		
12	Wed. 4		14 ·66	21	12	Sun. 4	7 ·04	19 ·65	22	11	Thur. 3	9 ·85	24 ·25	23
13	Thur. 5		15 ·76	22	13	Mon. 5	8 ·04	20 ·67	23	12	Fri. 4	10 ·77	25 ·20	24
14	Fri. 6		16 ·85	23	14	Tues. 6	9 ·03	21 ·67	24	13	Sat. 5	11 ·66	26 ·14	25
15	Sat. 7		17 ·92	24	15	Wed. 7	10 ·01	22 ·65	25	14	Sun. 6	12 ·56	27 ·07	26
16	Sun. 8		18 ·98	25			11 ·95			15	Mon. 7	13 46	1 ·00	27
17	Mon. 9	12 ·83	... ...	26	16	Thur. 8	12 ·88	23 ·63	26				2 ·93	
18	Tues. 10	13 ·84	19 ·02	27	17	Fri. 9	13 ·81	24 ·58	27	16	Tues. 8	14 ·36	3 ·87	28
19	Wed. 11	14 ·82	20 ·03	28	18	Sat. 10	14 ·72	25 ·52	28	17	Wed. 9	—A ·26	4 ·82	29
20	Thur. 12	—A ·77	21 ·02	29	19	Sun. 11	—A ·62	26 ·46	29	18	Thur. 10	1 ·17	5 ·77	—30
21	Fri. 13	1 ·70	22 ·00	—30	20	Mon. 12	1 ·52	27 ·39	—30	19	Fri. 11	2 ·10	6 ·74	1
			23 ·96							20	Sat. 12	3 ·04	7 ·73	2
22	Sat. 14	2 ·62	24 ·91	1	21	Tues. 13	2 42	1 ·33	1			4 ·00		
23	Sun. 15	3 ·54	25 ·85	2	22	Wed. 14	3 ·32	2 ·26	2	21	Sun. 13	5 ·98	8 ·73	3
24	Mon. 16	4 ·44	26 ·78	3	23	Thur. 15	4 ·22	3 ·20	3					
25	Tues. 17	5 ·34	27 ·71	4	24	Fri. 16	5 ·14	4 ·14	4	22	Mon. 14	6 ·98	9 ·75	4
26	Wed. 18	6 ·24	1 ·64	5	25	Sat. 17	6 ·08	5 ·10	5	23	Tues. 15	... ...	10 ·80	5
27	Thur. 19	7 ·15	2 ·57	6	26	Sun. 18	7 ·02	6 ·09	6	24	Wed. 16	7 ·01	11 ·87	6
							8 ·98			25	Thur. 17	8 ·03	12 ·95	7
28	Fri. 20	8 06	3 ·53	7	27	Mon. 19	9 ·97	7 ·08	7	26	Fri. 18	9 ·10	... ...	8
		9 ·98			28	Tues. 20	10 ·97	8 ·09	8	27	Sat. 19	10 ·17	13 ·05	9
29	Sat. 21	10 ·91	4 ·48	8	29	Wed. 21	... ...	9 ·12	9	28	Sun. 20	11 ·25	14 ·15	10
—30	Sun. 22	11 ·86	5 ·44	9	—30	Thur. 22	11 ·00	10 ·18	10	29	Mon. 21	12 ·33	15 ·27	11
1	Mon. 23	12 ·83	6 ·43	10	1	Fri. 23	12 ·04	11 ·26	11	30	Tues. 22	13 ·41	16 ·37	12
2	Tues. 24	13 ·81	7 ·43	11	2	Sat. 24	13 ·10	12 ·35	12	—31	Wed. 23	14 ·49	17 ·46	13
3	Wed. 25	14 ·81	8 ·46	12	3	Sun. 25	14 ·18	13 ·45	13	1	Thur. ○ 24	P ·53	18 ·54	14
4	Thur. 26	P ·84	9 ·50	13	4	Mon. 26	P ·27	14 ·56	14	2	Fri. 25	1 ·57	19 ·59	15
5	Fri. 27	1 ·89	10 ·56	14	5	Tues. 27	1 ·35	15 ·66	15	3	Sat. 26	2 ·58	20 ·64	16
6	Sat. 28	2 ·96	11 ·64	15	6	Wed. 28	2 ·42	16 ·76	16	4	Sun. 27	3 ·56	21 ·65	17
7	Sun. 29	... ...	12 ·74	16	7	Thur. 29	3 ·49	17 ·85	17	5	Mon. 28	4 ·53	22 ·65	18
8	Mon. 30	3 ·03	13 ·85	17	8	Fri. 30	4 ·55	18 ·92	18	6	Tues. 29	5 ·48	23 ·62	19
9	Tues. 31	4 ·12	14 ·96	18	9	Sat. 31	5 ·58	19 ·97	19	7	Wed. 30	6 ·41	24 ·58	20
										8	Thur. 31	7 ·33	25 ·54	21
	Feb.					**April.**					**June.**			
10	Wed. 1		... ...	19	10	Sun. 1	6 ·59	20 ·99	20	9	Fri. 1	8 ·25	26 ·48	22
11	Thur. 2	6 ·29	15 ·06	20	11	Mon. 2	7 ·57	... ...	21	10	Sat. 2	9 ·14	27 ·41	23
12	Fri. 3	7 ·36	16 ·16	21	12	Tues. 3	8 ·55	21 ·00	22	11	Sun. 3	10 ·04	1 ·34	24
13	Sat. 4	8 ·42	17 ·23	22				22 ·99				11 ·94		
14	Sun. 5	9 ·46	18 ·30	23	13	Wed. 4	9 ·49	23 ·96	23	12	Mon. 4	12 ·84	2 ·27	25
15	Mon. 6	10 ·45	19 ·34	24	14	Thur. 5	10 ·42	24 ·92	24	13	Tues. 5	13 ·74	3 ·20	26
16	Tues. 7	11 ·44	20 ·35	25	15	Fri. 6	11 ·34	25 ·86	25	14	Wed. 6	14 ·65	4 ·16	27
17	Wed. 8	12 ·42	21 ·35	26	16	Sat. 7	12 ·25	26 ·80	26	15	Thur. 7	—A ·58	5 ·11	28
18	Thur. 9	13 ·37	22 ·33	27	17	Sun. 8	13 ·15	27 ·74	27	16	Fri. 8	1 ·52	6 ·07	29
19	Fri. 10	14 ·30	23 ·29	28			14 ·05			17	Sat. 9	2 ·47	7 ·05	—30
20	Sat. 11	—A ·23	24 ·25	—29	18	Mon. 9	A ·95	1 ·67	28	18	Sun. 10	3 ·46	8 ·05	1
21	Sun. 12	1 ·15	25 ·19	1	19	Tues. 10	1 ·85	2 ·60	—29	19	Mon. 11	4 ·46	9 ·08	2
22	Mon. 13	2 ·05	26 ·12	2	20	Wed. 11	2 ·76	3 ·53	1	20	Tues. 12	5 ·48	10 ·12	3
		3 ·95			21	Thur. 12	3 ·67	4 ·48	2	21	Wed. 13	6 ·53	11 ·17	4
23	Tues. 14	4 ·85	27 ·05	3	22	Fri. 13	4 ·60	5 ·44	3	22	Thur. 14	7 ·58	12 ·25	5
			1 ·98		23	Sat. 14	5 ·55	6 ·41	4	23	Fri. 15	8 ·64	13 ·35	6
24	Wed. 15	5 ·76	2 ·92	4	24	Sun. 15	6 ·51	7 ·40	5	24	Sat. 16	9 ·73	14 ·46	7
25	Thur. 16	6 ·67	3 ·86	5	25	Mon. 16	7 ·50	8 ·41	6	25	Sun. 17	10 ·82	15 ·57	8
26	Fri. 17	7 ·58	4 ·81	6	26	Tues. 17	8 ·49	9 ·44	7	26	Mon. 18	11 ·89	16 ·67	9
27	Sat. 18	8 ·51	5 ·77	7	27	Wed. 18	9 ·52	10 ·50	8	27	Tues. 19	12 ·96	17 ·76	10
28	Sun. 19	9 ·46	6 ·75	8	28	Thur. 19	10 ·55	11 ·56	9	28	Wed. 20	... ...	18 ·84	11
29	Mon. 20	10 ·42	7 ·76	9	29	Fri. 20	11 ·62	12 ·65	10	29	Thur. 21	13 ·02	19 ·91	12
—30	Tues. 21	11 ·40	8 ·77	10	30	Sat. 21	12 ·69	13 ·75	11	30	Fri. 22	14 ·04	20 ·95	13
1	Wed. 22	12 ·42	9 ·81	11	—31	Sun. 22	13 ·77	14 ·85	12	31	Sat. 23	P ·05	21 ·97	14
2	Thur. 23	13 ·44	10 ·87	12	1	Mon. 23	14 ·86	15 ·96	13	—32	Sun. 24	1 ·04	22 ·97	15
3	Fri. 24	14 ·49	11 ·95	13	2	Tues. 24	P ·94	... ...	14			2 ·01		
4	Sat. 25	P ·55	... ...	14	3	Wed. 25	.. ..	16 ·07	15	1	Mon. 25	3 ·96	23 ·95	16
5	Sun. 26	1 ·64	12 ·05	15	4	Thur. 26	1 ·01	17 ·16	16	2	Tues. 26	4 ·89	24 ·95	17
6	Mon. 27	2 ·72	13 ·15	16	5	Fri. 27	2 ·06	18 ·23	17	3	Wed. 27	5 ·82	25 ·88	18
7	Tues. 28	3 ·80	14 ·26	17	6	Sat. 28	3 ·09	19 ·28	18	4	Thur. 28	6 ·73	26 ·82	19
8	Wed. 29	4 ·88	15 ·36	18	7	Sun. 29	4 ·09	20 ·31	19	5	Fri. 29	7 ·63	27 ·75	20
					8	Mon. 30	5 ·07	21 ·33	20	6	Sat. 30	8 ·53	1 ·68	21

Naksh: –1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27 Rev.

A.D. 1016. **Kollam 192,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 407** Commences **June 10.** **Vikrama 1073.** **Bengal San. 422 (N. Cycle) Kālayukta.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sun.	1	9 ·43	2 ·61	22	7	Sat.	1	13 ·98	9 ·03	25	7	Thur.	1	14 ·47	15 ·07	27
8	Mon.	2	10 ·33	3 ·55	23	8	Sun.	2	..	10 ·05	26	8	Fri.	2	A ·56	16 ·17	28
9	Tues.	3	11 ·23	4 ·49	24	9	Mon.	3	14 ·01	11 ·11	27	9	Sat.	3	1 ·66	17 ·28	29
10	Wed.	4	12 ·15	5 ·44	25	10	Tues.	4	A ·05	12 ·17	28	10	Sun.	4	2 ·73	18 ·37	30
11	Thur.	5	13 ·07	6 ·40	26	11	Wed.	5	1 ·11	13 ·26	29	11	Mon.	5	3 ·79	19 ·45	1
12	Fri.	6	14 ·00 A ·96	7 ·37	27	12	Thur.	6	2 ·18	14 ·35	30	12	Tues.	6	4 ·83	20 ·53	2
13	Sat.	7	1 ·94	8 ·38	28	13	Fri.	7	3 ·26	15 ·46	1	13	Wed.	7	5 ·84	21 ·57	3
14	Sun.	8	2 ·95	9 ·39	29	14	Sat.	8	4 ·35	16 ·57	2	14	Thur.	8	6 ·84	22 ·69	4
15	Mon.	9	3 ·96	10 ·43	30	15	Sun.	9	5 ·43	17 ·68	3	15	Fri.	9	7 ·81	23 ·59	5
16	Tues.	10	...	...	1	16	Mon.	10	6 ·51	18 ·77	4	16	Sat.	10	8 ·77	24 ·58	6
17	Wed.	11	4 ·00	12 ·56	2	17	Tues.	11	7 ·56	19 ·84	5	17	Sun.	11	9 ·70	25 ·55	7
18	Thur.	12	5 ·06	13 ·66	3	18	Wed.	12	8 ·60	20 ·89	6	18	Mon.	12	10 ·63	26 ·51	8
19	Fri.	13	6 ·14	14 ·76	4	19	Thur.	13	9 ·62	21 ·93	7	19	Tues.	13	11 ·54	27 ·45	9
20	Sat.	14	7 ·22	15 ·86	5	20	Fri.	14	10 ·61	22 ·95	8	20	Wed.	14	12 ·44	1 ·38	10
21	Sun.	15	8 ·30	16 ·97	6	21	Sat.	15	11 ·59	23 ·94	9	21	Thur.	15	13 ·34	2 ·31	11
22	Mon.	16	9 ·37	... ...	7	22	Sun.	16	12 ·55	24 ·92	10	22	Fri.	16	14 ·25	3 ·24	12
23	Tues.	17	10 ·44	17 ·07	8	23	Mon.	17	13 ·49	25 ·88	11	23	Sat. ○	17	P ·16	4 ·18	13
24	Wed.	18	11 ·50	18 ·16	9	24	Tues.	18	14 ·41	26 ·83	12	24	Sun.	18	1 ·07	5 ·12	14
25	Thur.	19	12 ·52	19 ·22	10	25	Wed.	19	P ·32	27 ·77	13				2 ·00		
26	Fri.	20	13 ·54	20 ·27	11	26	Thur.	20	1 ·22	1 ·71	14	25	Mon.	19	3 ·93	6 ·07	15
27	Sat.	21	14 ·53	21 ·29	12	27	Fri.	21	2 ·12	2 ·61	15	26	Tues.	20	4 ·86	7 ·03	16
28	Sun.	22	P ·50	22 ·30	13	28	Sat.	22	3 ·02 4 ·92	3 ·57	16	27	Wed.	21	5 ·81	7 ·99	17
29	Mon.	23	1 ·46	23 ·28	14	29	Sun.	23	5 ·83	4 ·50	17	28	Thur.	22	6 ·82	9 ·00	18
30	Tues.	24	2 ·39	24 ·26	15	30	Mon.	24	6 ·75	5 ·45	18	29	Fri.	23	7 ·88	10 ·01	19
31	Wed.	25	3 ·32	25 ·21	16	31	Tues.	25	7 ·67	6 ·40	19	1	Sat.	24	8 ·85	11 ·04	20
1	Thur.	26	4 ·23	26 ·15	17	1	Wed.	26	8 ·63	7 ·37	20	2	Sun.	25	9 ·91	12 ·09	21
2	Fri.	27	5 ·13	27 ·09	18	2	Thur	27	9 ·59	8 ·35	21	3	Mon	26	10 ·97	13 ·17	22
3	Sat.	28	6 ·03 7 ·93	1 ·02 2 ·96	19	3	Fri.	28	10 ·57	9 ·35	22	4	Tues.	27		14 ·2	23
4	Sun.	29	8 ·83	3 ·89	20	4	Sat.	29	11 ·57	10 ·38	23	5	Wed	28	11 ·05	15 ·37	24
5	Mon.	30	9 ·73	4 ·83	21	5	Sun.	30	12 ·59	11 ·42	24	6	Thur	29	12 ·14	16 ·47	25
6	Tues.	31	10 ·65	5 ·77	22							7	Fri.	30	13 ·23	17 ·58	26
	Aug.						**Oct.**						**Dec.**				
7	Wed.	1	11 ·57	6 ·73	23	6	Mon.	1	13 ·63	12 ·48	25	8	Sat.	1	14 ·31	18 ·67	27
8	Thur.	2	12 ·51	7 ·71	24	7	Tues.	2	14 ·70	13 ·56	26	9	Sun.	2	A ·38	19 ·77	28
9	Fri.	3	13 ·46	8 ·70	25	8	Wed.	3	A ·77	14 ·65	27	10	Mon.	3	1 ·41	20 ·84	29
10	Sat.	4	14 ·45	9 ·71	26	9	Thur.	4	1 ·86	15 ·76	28	11	Tues	4	2 ·47	21 ·88	1
11	Sun.	5	A ·45	10 ·74	27	10	Fri.	5	2 ·94	16 ·87	29	12	Wed.	5	3 ·50	22 ·91	2
12	Mon.	6	1 ·46	11 ·79	28	11	Sat.	6	..	17 ·98	1	13	Thur.	6	4 ·48	23 ·92	3
13	Tues.	7	2 ·51	12 ·87	29	12	Sun.	7	3 ·02	... ..	2	14	Fri.	7	5 ·45	24 ·90	4
14	Wed.	8	3 ·56	13 ·96	1	13	Mon.	8	4 ·10	18 ·07	3	15	Sat.	8	6 ·41	25 ·89	5
15	Thur	9	4 ·61	... ...	2	14	Tues.	9	5 ·[illegible]	19 ·15	4	16	Sun.	9	7 ·35	26 ·84	6
16	Fri.	10	5 ·72	14 ·06	3	15	Wed.	10	6 ·20	20 ·21	5	17	Mon.	10	8 ·28	27 ·79	7
17	Sat.	11	6 ·80	15 ·16	4	16	Thur.	11	7 ·22	21 ·25	6	18	Tues.	11	9 ·19	1 ·72	8
18	Sun.	12	7 ·88	16 ·27	5	17	Fri.	12	8 ·21	22 ·27	7	19	Wed	12	10 ·10	2 ·65	9
19	Mon.	13	8 ·95	17 ·38	6	18	Sat.	13	9 ·18	23 ·27	8	20	Thur.	13	11 ·00 12 ·90	3 ·59	10
20	Tues.	14	...	18 ·46	7	19	Sun.	14	10 ·14	24 ·25	9	21	Fri.	14	13 ·80	4 ·52	11
21	Wed.	15	9 ·01	19 ·53	8	20	Mon.	15	11 ·09	25 ·21	10	22	Sat.	15	14 ·71	5 ·46	12
22	Thur.	16	10 ·04	20 ·58	9	21	Tues.	16	12 ·01	26 ·17	11	23	Sun.	16	P ·64	6 ·40	13
23	Fri.	17	11 ·07	21 ·61	10				13 ·92			24	Mon.	17	1 ·57	7 ·36	14
24	Sat.	18	12 ·05	22 ·62	11	22	Wed.	17	14 ·83	27 ·11	12	25	Tues.	18	2 ·52	8 ·31	15
25	Sun.	19	13 ·03 14 ·99	23 ·62	12	23	Thur.	18	P ·73	1 ·65 2 ·97	13	26	Wed.	19	3 ·48	9 ·32	16
26	Mon.	20	P ·93	24 ·59	13	24	Fri.	19	1 ·63	3 ·90	14	27	Thur.	20	4 ·47	10 ·33	17
27	Tues.	21	1 ·84	25 ·55	14	25	Sat.	20	2 ·53	4 ·84	15	28	Fri.	21	5 ·18	11 ·36	18
28	Wed.	22	2 ·75	26 ·49	15	26	Sun.	21	3 ·44	5 ·79	16	29	Sat.	22	6 ·50	12 ·40	19
29	Thur.	23	3 ·66	27 ·43	16	27	Mon.	22	4 ·36	6 ·73	17	1	Sun.	23	7 ·55	13 ·48	20
30	Fri.	24	4 ·56	1 ·37	17	28	Tues.	23	5 ·29	7 ·70	18	2	Mon.	24	8 ·63	14 ·56	21
31	Sat.	25	5 ·46	2 ·30	18	29	Wed.	24	6 ·23	8 ·67	19	3	Tues.	25	9 ·71	15 ·66	22
1	Sun.	26	6 ·36	3 ·23	19	30	Thur.	25	7 ·20	9 ·67	20	4	Wed.	26	10 ·79	16 ·77	23
2	Mon.	27	7 ·27	4 ·16	20	1	Fri.	26	8 ·18	10 ·69	21	5	Thur.	27	11 ·88	17 ·88	24
3	Tues	28	8 ·18	5 ·11	21	2	Sat.	27	9 ·19	11 ·73	22	6	Fri.	28	12 ·97	18 ·98	25
4	Wed.	29	9 ·10	6 ·07	22	3	Sun.	28	10 ·21	12 ·79	23	7	Sat.	29	... ...	.. ...	26
5	Thur.	30	10 ·05	7 ·04	23	4	Mon.	29	11 ·25	13 ·86	24	8	Sun.	30	13 ·03	19 ·07	27
6	Fri.	31	11 ·00 12 ·99	8 ·02	24	5	Tues.	30	12 ·32	14 ·95	25	9	Mon	31	14 ·08	20 ·14	28
						6	Wed	31	13 ·39	... ...	26						

Anala. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Sinha—Āvani.** *Anala.* **Kan.—Pur.** *Bahula.* **Bhādrapada.** *Anala.* **Kanyā—Purattāśi.** *Sukla.* **Āśvina.** *Bahula.* **Tulā—Aippāśi.** *Anala.* **Kartika.** *Sukla.* **Mārgaśirsha.** *Anala.* **Vrischika—Kārttigai.** *Sukla.* **Pausha.** *Anala.* **Dhanus—Margali.** *Bahula.* **Makara—Tai.**

H. 407 Muharram. *H. 407 Safar.* *H. 407 Rabi-ul awwal.* *H. 407 Rabi-ul akhar.* *H. 407 Jamadal awwal.* *H. 407 Jamadal akhar.* *H. 407 Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22 Srav. 23. Dhani. 24 Śatab

A.D. 1017. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·14.** **Śaka 939.** **Kaliyuga 4118.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·10.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
Ānala. **Makara—Tai.**	10	Tues. 1	—**A** ·12	21 ·20	29	*Ānala.* **Mīna—Pāṅguni.**	9	Fri. 1	—**A** ·25	26 ·84	29	*Piṅgala.* **Vṛishabha—Vaigāśi.**	9	Wed. 1	3 ·67	5 ·15	1
	11	Wed. 2	1 ·14	22 ·23	—30		10	Sat. 2	1 ·18	27 ·80	—30		10	Thur. 2	4 ·56	6 ·09	2
	12	**Thur.** 3	2 ·12	23 ·24	1		11	**Sun.** 3	2 ·10	1 ·74	1		11	Fri. 3	5 ·48	7 ·03	3
	13	Fri. 4	3 ·10	24 ·24	2		12	Mon. 4	3 ·01	2 ·68	2					8 ·98	
	14	Sat. 5	4 ·06	25 ·22	3		13	Tues. 5	4 ·91	3 ·61	3		12	Sat. 4	6 ·42	9 ·96	4
	15	**Sun.** 6	5 ·98	26 ·17	4		14	Wed. 6	5 ·81	4 ·54	4		13	**Sun.** 5	7 ·36	10 ·94	5
	16	Mon. 7	6 ·90	27 ·12	5		15	Thur. 7	6 ·71	5 ·48	5		14	Mon. 6	8 ·32	11 ·95	6
	17	Tues. 8	7 ·81	1 ·06	6		16	Fri. 8	7 ·62	6 ·42	6		15	Tues. 7	9 ·30	12 ·97	7
	18	Wed. 9	8 ·72	2 ·00	7		17	Sat. 9	8 ·53	7 ·36	7		16	Wed. 8	10 ·31	... ...	8
	19	Thur. 10	9 ·63	3 ·93	8		18	**Sun.** 10	9 ·44	8 ·32	8		17	Thur. 9	11 ·32	13 ·02	9
	20	Fri. 11	10 ·53	4 ·86	9		19	Mon. 11	10 ·38	9 ·30	9		18	Fri. 10	12 ·37	14 ·09	10
	21	Sat. 12	11 ·43	5 ·79	10		20	Tues. 12	11 ·33	10 ·29	10		19	Sat. 11	13 ·44	15 ·17	11
	22	**Sun.** 13	12 ·35	6 ·74	11		21	Wed. 13	12 ·30	11 ·31	11		20	**Sun.** 12	14 ·51	16 ·27	12
	23	Mon. 14	13 ·27	7 ·70	12		22	Thur. 14	13 ·28	12 ·34	12		21	Mon.○13	**P** ·59	17 ·37	13
	24	Tues. 15	**P** ·15	9 ·65	13		23	Fri. 15	**P** ·31	13 ·40	13		22	Tues. 14	1 ·68	18 ·48	14
	25	Wed. 16	1 ·11	10 ·65	14		24	Sat. 16	1 ·35	14 ·47	14		23	Wed. 15	2 ·76	19 ·59	15
	26	Thur. 17	2 ·10	11 ·67	15		25	**Sun.** 17	2 ·42	15 ·56	15		24	Thur. 16	3 ·81	20 ·68	16
	27	Fri. 18	3 ·11	12 ·72	16		26	Mon. 18	3 ·50	16 ·67	16		25	Fri. 17	4 ·86	21 ·76	17
	28	Sat. 19	4 ·15	13 ·78	17		27	Tues. 19	4 ·59	17 ·78	17		26	Sat. 18	5 ·89	22 ·81	18
	29	**Sun.** 20	5 ·19	14 ·87	18		28	Wed. 20	5 ·67	18 ·88	18		27	**Sun.** 19	6 ·91	23 ·85	19
	30	Mon. 21	6 ·25	15 ·96	19		29	Thur. 21	6 ·75	19 ·98	19		28	Mon. 20	7 ·88	24 ·86	20
	1	Tues. 22	7 ·33	... ...	20		30	Fri. 22	7 ·81	... ...	20		29	Tues. 21	8 ·85	25 ·87	21
	2	Wed. 23	8 ·42	16 ·07	21		1	Sat. 23	8 ·86	20 ·06	21		30	Wed. 22	9 ·80	26 ·84	22
	3	Thur. 24	9 ·51	17 ·17	22		2	**Sun.** 24	9 ·90	21 ·14	22		31	Thur. 23	10 ·74	27 ·80	23
	4	Fri. 25	10 ·59	18 ·28	23		3	Mon. 25	10 ·90	22 ·19	23		1	Fri. 24	11 ·65	1 ·75	24
	5	Sat. 26	11 ·66	19 ·38	24		4	Tues. 26	11 ·89	23 ·21	24		2	Sat. 25	12 ·56	2 ·69	25
	6	**Sun.** 27	12 ·71	20 ·45	25		5	Wed. 27	12 ·86	24 ·22	25		3	**Sun.** 26	13 ·46	3 ·63	26
	7	Mon. 28	13 ·75	21 ·51	26		6	Thur. 28	13 ·81	25 ·20	26		4	Mon. 27	14 ·36	4 ·56	27
	8	Tues. 29	14 ·76	22 ·55	27		7	Fri. 29	14 ·73	26 ·18	27		5	Tues. 28	—**A** ·26	5 ·49	28
	9	Wed. 30	—**Λ** ·74	23 ·57	28		8	Sat. 30	—**A** ·65	27 ·14	28		6	Wed. 29	1 ·16	6 ·42	—29
	10	Thur. 31	1 ·72	24 ·57	—29		9	**Sun.** 31	1 ·56	1 ·08	—29		7	Thur. 30	2 ·06	7 ·36	1
		Feb.						**April.**							3 ·97		
Ānala. **Kumbha—Māśi.**	11	Fri. 1	2 ·66	25 ·55	1	*Piṅgala.* **Mēsha—Chittirai.**	10	Mon. 1	2 ·46	2 ·02	1		8	Fri. 31	4 ·90	8 ·33	2
	12	Sat. 2	3 ·60	26 ·51	2					3 ·94				**June.**			
	13	**Sun.** 3	4 ·52	27 ·46	3		11	Tues. 2	3 ·36	4 ·87	2		9	Sat. 1	5 ·84	9 ·29	3
	14	Mon. 4	5 ·44	1 ·41	4		12	Wed. 3	4 ·26	5 ·82	3		10	**Sun.** 2	6 ·80	10 ·27	4
	15	Tues. 5	6 ·34	2 ·34	5		13	Thur. 4	5 ·16	6 ·75	4		11	Mon. 3	7 ·79	11 ·27	5
	16	Wed. 6	7 ·24	3 ·27	6		14	Fri. 5	6 ·06	7 ·70	5	*Piṅgala.* **Mithuna—Āni.**	12	Tues. 4	8 ·79	12 ·29	6
	17	Thur. 7	8 ·14	4 ·20	7				7 ·98				13	Wed. 5	9 ·81	13 ·34	7
	18	Fri. 8	9 ·04	5 ·13	8		15	Sat. 6	8 ·91	8 ·65	6		14	Thur. 6	10 ·85	14 ·40	8
			10 ·95				16	**Sun.** 7	9 ·88	9 ·62	7		15	Fri. 7	11 ·91	15 ·47	9
	19	Sat. 9	11 ·87	6 ·08	9		17	Mon. 8	10 ·83	10 ·62	8		16	Sat. 8	12 ·98	16 ·57	10
	20	**Sun.** 10	12 ·81	7 ·03	10		18	Tues. 9	11 ·80	11 ·63	9		17	**Sun.** 9	... ...	17 ·67	11
				8 ·99			19	Wed. 10	12 ·81	12 ·66	10		18	Mon. 10	13 ·06	18 ·79	12
	21	Mon. 11	13 ·76	9 ·97	11		20	Thur. 11	13 ·84	13 ·71	11		19	Tues. 11	14 ·15	19 ·89	13
	22	Tues. 12	14 ·72	10 ·97	12		21	Fri. 12	14 ·89	14 ·77	12		20	Wed. 12	**P** ·22	20 ·98	14
	23	Wed. 13	**P** ·71	11 ·99	13		22	Sat. 13	**P** ·95	15 ·87	13		21	Thur. 13	1 ·29	... ...	15
	24	Thur. 14	1 ·71	... ...	14		23	**Sun.** 14	... ...	16 ·97	14		22	Fri. 14	2 ·34	21 ·06	16
	25	Fri. 15	2 ·75	12 ·03	15		24	Mon. 15	1 ·01	.. ..	15		23	Sat. 15	3 ·37	22 ·12	17
	26	Sat. 16	3 ·79	13 ·09	16		25	Tues. 16	2 ·10	17 ·08	16		24	**Sun.** 16	4 ·38	23 ·16	18
	27	**Sun.** 17	4 ·86	14 ·17	17		26	Wed. 17	3 ·18	18 ·18	17		25	Mon. 17	5 ·36	24 ·19	19
	28	Mon. 18	5 ·94	15 ·26	18		27	Thur. 18	4 ·26	19 ·28	18		26	Tues. 18	6 ·34	25 ·19	20
	29	Tues. 19	... ...	16 ·36	19		28	Fri. 19	5 ·33	20 ·38	19		27	Wed. 19	7 ·29	26 ·17	21
	30	Wed. 20	6 ·03	17 ·48	20		29	Sat. 20	6 ·38	21 ·45	20		28	Thur. 20	8 ·23	27 ·14	22
	1	Thur. 21	7 ·12	18 ·58	21		30	**Sun.** 21	7 ·40	22 ·50	21		29	Fri. 21	9 ·14	1 ·09	23
	2	Fri. 22	8 ·20	19 ·68	22		31	Mon. 22	8 ·41	23 ·53	22		30	Sat. 22	10 ·05	2 ·04	24
	3	Sat. 23	9 ·26	20 ·76	23	*Piṅgala.* **Vṛish.—Vaigāśi.**	1	Tues. 23	9 ·40	24 ·54	23				11 ·96	3 ·97	
	4	**Sun.** 24	10 ·31	21 ·82	24		2	Wed. 24	10 ·36	25 ·54	24		31	**Sun.** 23	12 ·85	4 ·90	25
	5	Mon. 25	11 ·35	22 ·87	25		3	Thur. 25	11 ·30	26 ·51	25		32	Mon. 24	13 ·75	5 ·83	26
	6	Tues. 26	12 ·35	23 ·89	26		4	Fri. 26	12 ·24	27 ·47	26	*Piṅgala.* **Kark.—Ādi.**	1	Tues. 25	14 ·65	6 ·76	27
	7	Wed. 27	13 ·34	24 ·89	27		5	Sat. 27	13 ·16	1 ·42	27		2	Wed. 26	—**A** ·55	7 ·71	28
	8	Thur. 28	14 ·30	25 ·87	28		6	**Sun.** 28	14 ·07	2 ·35	28		3	Thur. 27	1 ·46	8 ·66	29
									—**A** ·37				4	Fri. 28	2 ·40	9 ·62	—30
							7	Mon. 29	1 ·87	3 ·28	29		5	Sat. 29	3 ·34	10 ·59	1
							8	Tues. 30	2 ·77	4 ·22	—30		6	**Sun.** 30	4 ·30	11 ·59	2

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1017. **Kollam 193,** { **N. Malabar—Aug.** **Hijra 408.** **Vikrama 1074.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 30.** **Bengal San. 423.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	5 ·27	12 ·61	3	6	Sun.	1	8 ·66	19 ·79	6	7	Fri.	1	9 ·14	25 ·81	8
8	Tues.	2	6 ·26	13 ·65	4	7	Mon.	2	9 ·74	20 ·89	7	8	Sat.	2	10 ·12	26 ·81	9
9	Wed.	3	7 ·29	14 ·70	5	8	Tues.	3	10 ·81	21 ·99	8	9	Sun.	3	11 ·10	27 ·80	10
10	Thur.	4	8 ·32	15 ·78	6	9	Wed.	4	11 ·87	... ...	9	10	Mon.	4	12 ·05	1 ·76	11
11	Fri.	5	9 ·38	16 ·87	7	10	Thur.	5	12 ·90	22 ·06	10				13 ·99		
12	Sat.	6	10 ·45	17 ·97	8	11	Fri.	6	13 ·92	23 ·11	11	11	Tues.	5	14 ·92	2 ·72	12
13	Sun.	7	11 ·54	... ...	9	12	Sat.	7	14 ·91	24 ·15	12	12	Wed. ○	6	P ·84	3 ·67	13
14	Mon.	8	12 ·63	18 ·08	10	13	Sun.	8	P ·88	25 ·16	13	13	Thur.	7	1 ·74	4 ·60	14
15	Tues.	9	13 ·70	19 ·19	11	14	Mon.	9	1 ·84	26 ·16	14	14	Fri.	8	2 ·64	5 ·53	15
16	Wed.	10	14 ·77	20 ·29	12	15	Tues.	10	2 ·77	27 ·14	15	15	Sat.	9	3 ·54	6 ·46	16
17	Thur.	11	P ·81	21 ·37	13	16	Wed.	11	3 ·70	1 ·10	16	16	Sun.	10	4 ·44	7 ·39	17
18	Fri.	12	1 ·85	22 ·43	14					2 ·05		17	Mon.	11	5 ·35	8 ·34	18
19	Sat.	13	2 ·87	23 ·49	15	17	Thur.	12	4 ·61	3 ·98	17	18	Tues.	12	6 ·27	9 ·29	19
20	Sun.	14	3 ·85	24 ·51	16	18	Fri.	13	5 ·52	4 ·93	18	19	Wed.	13	7 ·21	10 ·25	20
21	Mon.	15	4 ·82	25 ·52	17	19	Sat.	14	6 ·42	5 ·86	19	20	Thur.	14	8 ·15	11 ·22	21
22	Tues.	16	5 ·76	26 ·50	18	20	Sun.	15	7 ·32	6 ·78	20	21	Fri.	15	9 ·12	12 ·21	22
23	Wed.	17	6 ·70	27 ·47	19	21	Mon.	16	8 ·22	7 ·72	21	22	Sat.	16	10 ·11	13 ·23	23
24	Thur.	18	7 ·62	1 ·43	20	22	Tues.	17	9 ·13	8 ·66	22	23	Sun.	17	11 ·11	14 ·26	24
25	Fri.	19	8 ·54	2 ·37	21				10 ·05			24	Mon.	18	12 ·15	15 ·31	25
26	Sat.	20	9 ·44	3 ·31	22	23	Wed.	18	11 ·98	9 ·81	23	25	Tues.	19	13 ·20	16 ·39	26
27	Sun.	21	10 ·34	4 ·24	23	24	Thur.	19	12 ·93	10 ·59	24	26	Wed.	20	14 ·27	17 ·47	27
28	Mon.	22	11 ·24	5 ·17	24	25	Fri.	20	13 ·83	11 ·57	25	27	Thur.	21	A ·35	18 ·58	28
29	Tues.	23	12 ·14	6 ·11	25	26	Sat.	21	14 ·86	12 ·57	26	28	Fri.	22	1 ·44	19 ·69	29
			13 ·04	7 ·05		27	Sun.	22	A ·87	13 ·59	27	29	Sat.	23	2 ·52	20 ·80	1
30	Wed.	24	14 ·95	8 ·99	26	28	Mon.	23	1 ·88	14 ·63	28	1	Sun.	24	3 ·60	21 ·89	2
31	Thur.	25	A ·89	9 ·95	27	29	Tues.	24	2 ·93	15 ·70	29	2	Mon.	25	4 ·68	22 ·98	3
32	Fri.	26	1 ·83	10 ·92	28	30	Wed.	25	... ...	16 ·78	1	3	Tues.	26	5 ·73	... ...	4
1	Sat.	27	2 ·80	11 ·92	29	1	Thur.	26	3 ·00	17 ·87	2	4	Wed.	27	6 ·76	23 ·05	5
2	Sun.	28	3 ·76	12 ·93	1	2	Fri.	27	4 ·08	18 ·93	3	5	Thur.	28	7 ·77	24 ·10	6
3	Mon.	29	4 ·76	13 ·93	2	3	Sat.	28	5 ·16	... ...	4	6	Fri.	29	8 ·77	25 ·13	7
4	Tues.	30	5 ·78	... ...	3	4	Sun.	29	6 ·24	19 ·08	5	7	Sat.	30	9 ·74	26 ·14	8
5	Wed.	31	6 ·82	14 ·01	4	5	Mon.	30	7 ·33	20 ·20	6						
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	7 ·89	15 ·08	5	6	Tues.	1	8 ·40	21 ·29	7	8	Sun.	1	10 ·69	27 ·12	9
7	Fri.	2	8 ·97	16 ·17	6	7	Wed.	2	9 ·45	22 ·37	8	9	Mon.	2	11 ·63	1 ·10	10
8	Sat.	3	... ...	17 ·27	7	8	Thur.	3	10 ·49	23 ·43	9	10	Tues.	3	12 ·55	2 ·06	11
9	Sun.	4	9 ·06	18 ·38	8	9	Fri.	4	11 ·51	24 ·46	10					3 ·01	
10	Mon.	5	10 ·14	19 ·49	9	10	Sat.	5	12 ·50	25 ·49	11	11	Wed.	4	13 ·46	4 ·94	12
11	Tues.	6	11 ·21	20 ·59	10	11	Sun.	6	13 ·47	26 ·49	12	12	Thur.	5	14 ·37	5 ·87	13
12	Wed.	7	12 ·28	21 ·67	11	12	Mon.	7	14 ·43	27 ·47	13	13	Fri.	6	P ·27	6 ·80	14
13	Thur.	8	13 ·32	22 ·75	12	13	Tues.	8	P ·36	1 ·43	14	14	Sat.	7	1 ·17	7 ·71	15
14	Fri.	9	14 ·36	23 ·80	13	14	Wed.	9	1 ·28	2 ·38	15				2 ·07		
15	Sat.	10	P ·38	24 ·83	14	15	Thur.	10	2 ·19	3 ·32	16	15	Sun.	8	3 ·99	8 ·68	16
16	Sun.	11	1 ·37	25 ·84	15	16	Fri.	11	3 ·10	4 ·26	17	16	Mon.	9	4 ·91	9 ·62	17
17	Mon.	12	2 ·33	26 ·83	16				4 ·00			17	Tues.	10	5 ·86	10 ·58	18
18	Tues.	13	3 ·29	27 ·81	17	17	Sat.	12	5 ·90	5 ·19	18	18	Wed.	11	6 ·81	11 ·55	19
19	Wed.	14	4 ·22	1 ·77	18	18	Sun.	13	6 ·81	6 ·12	19	19	Thur.	12	7 ·77	12 ·54	20
20	Thur.	15	5 ·14	2 ·71	19					7 ·06		20	Fri.	13	8 ·73	13 ·55	21
			6 ·06			19	Mon.	14	7 ·73	8 ·99	20	21	Sat.	14	9 ·77	14 ·58	22
21	Fri.	16	7 ·96	3 ·65	20	20	Tues.	15	8 ·65	9 ·95	21	22	Sun.	15	10 ·79	15 ·62	23
22	Sat.	17	8 ·86	4 ·58	21	21	Wed.	16	9 ·58	10 ·92	22	23	Mon.	16	11 ·84	16 ·69	24
23	Sun.	18	9 ·76	5 ·52	22	22	Thur.	17	10 ·52	11 ·89	23	24	Tues.	17	12 ·92	17 ·77	25
24	Mon.	19	10 ·66	6 ·45	23	23	Fri.	18	11 ·48	12 ·89	24	25	Wed.	18	... ...	18 ·88	26
25	Tues.	20	11 ·57	7 ·38	24	24	Sat.	19	12 ·48	13 ·90	25	26	Thur.	19	13 ·00	19 ·99	27
26	Wed.	21	12 ·48	8 ·33	25	25	Sun.	20	13 ·48	14 ·95	26	27	Fri.	20	14 ·08	... ...	28
27	Thur.	22	13 ·41	9 ·28	26	26	Mon.	21	14 ·49	... ...	27	28	Sat.	21	A ·16	20 ·09	29
28	Fri.	23	14 ·35	10 ·25	27	27	Tues.	22	A ·54	15 ·01	28	29	Sun.	22	1 ·24	21 ·19	30
29	Sat.	24	A ·31	11 ·24	28	28	Wed.	23	1 ·61	16 ·08	29	30	Mon.	23	2 ·32	22 ·28	1
30	Sun.	25	1 ·29	12 ·25	29	29	Thur.	24	2 ·70	17 ·17	30	1	Tues.	24	3 ·37	23 ·36	2
31	Mon.	26	2 ·29	13 ·27	30	30	Fri.	25	3 ·79	18 ·28	1	2	Wed.	25	4 ·41	24 ·42	3
1	Tues.	27	3 ·31	14 ·32	1	1	Sat.	26	4 ·87	19 ·39	2	3	Thur.	26	5 ·42	25 ·45	4
2	Wed.	28	4 ·36	15 ·38	2	2	Sun.	27	5 ·95	20 ·50	3	4	Fri.	27	6 ·41	26 ·46	5
3	Thur.	29	5 ·41	16 ·48	3	3	Mon.	28	... ...	21 ·59	4	5	Sat.	28	7 ·38	27 ·45	6
4	Fri.	30	6 ·49	17 ·58	4	4	Tues.	29	6 ·02	22 ·67	5	6	Sun.	29	8 ·34	1 ·44	7
5	Sat.	31	7 ·58	18 ·68	5	5	Wed.	30	7 ·08	23 ·74	6	7	Mon.	30	9 ·27	2 ·39	8
						6	Thur.	31	8 ·11	24 ·78	7	8	Tues.	31	10 ·19	3 ·34	9

Piṅgala. **Karkaṭaka—Ādi.** *Bahula.* **Adhika Śrāvaṇa.** *Sukla.* *H.* 408 *Śafar.*

Piṅgala. **Siṁha—Avaṇi.** *Bahula.* **Nija Śrāvaṇa.** *Sukla.* *H.* 408 *Rabi-ul awwal.*

Piṅgala. **Kanyā—Puraṭṭāśi.** *Bahula.* *H.* 408 *Rabi-ul ākhir.*

Piṅgala. **Tulā—Aippaśi.** *Bahula.* *H.* 408 *Jamādā'l awwal.*

Piṅgala. **Vṛśchika—Kārttigai.** *Bahula.* *H.* 408 *Jamādā'l ākhir.*

Piṅgala. **Dhanus—Mārgaḷi.** *Bahula.* *H.* 408 *Rajab.*

Piṅgala. **Makara—Tai.** *Sukla.* *H.* 408 *Shabān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 18. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1018. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·40.** **Śaka 940.** **Kaliyuga 4119.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·36.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Wed.	1	11 ·10	4 ·28	10	9	Sat.	1	12 ·83	9 ·62	10	9	Thur.	1	14 ·63	15 ·19	12
10	Thur.	2	12 ·00 / 13 ·90	5 ·21	11	10	Sun.	2	13 ·75	10 ·58	11	10	Fri.	2	P ·67	16 ·24	13
11	Fri.	3	14 ·80	6 ·15	12	11	Mon.	3	14 ·70	11 ·54	12	11	Sat.	3	1 ·71	17 ·30	14
12	Sat.	4	P ·71	7 ·08	13	12	Tues.	4	·64	12 ·52	13	12	Sun.	4	2 ·78	18 ·39	15
13	Sun.	5	1 ·63	8 ·01 / 9 ·95	14	13	Wed.	5	1 ·60	13 ·51	14	13	Mon.	5	3 ·85	19 ·49	16
14	Mon.	6	2 ·55	10 ·91	15	14	Thur.	6	2 ·59	14 ·52	15	14	Tues.	6	4 ·93	20 ·59	17
15	Tues.	7	3 ·49	11 ·88	16	15	Fri.	7	3 ·59	15 ·56	16	15	Wed.	7	... ...	21 ·70	18
16	Wed.	8	4 ·44	12 ·87	17	16	Sat.	8	4 ·63	16 ·62	17	16	Thur.	8	5 ·01	22 ·80	19
17	Thur.	9	5 ·41	13 ·87	18	17	Sun.	9	5 ·68	17 ·69	18	17	Fri.	9	6 ·10	23 ·89	20
18	Fri.	10	6 ·39	14 ·89	19	18	Mon.	10	6 ·75	18 ·78	19	18	Sat.	10	7 ·17	24 ·98	21
19	Sat.	11	7 ·40	15 ·93	20	19	Tues.	11	7 ·83	19 ·88	20	19	Sun.	11	8 ·21	... ...	22
20	Sun.	12	8 ·44	... ...	21	20	Wed.	12	8 ·91	... ...	21	20	Mon.	12	9 ·22	25 ·03	23
21	Mon.	13	9 ·50	16 ·00	22	21	Thur.	13	... ...	20 ·00	22	21	Tues.	13	10 ·23	26 ·07	24
22	Tues.	14	10 ·56	17 ·09	23	22	Fri.	14	9 ·00	21 ·10	23	22	Wed.	14	11 ·22	27 ·08	25
23	Wed.	15	11 ·63	18 ·18	24	23	Sat.	15	10 ·08	22 ·20	24	23	Thur.	15	12 ·18	1 ·08	26
24	Thur.	16	12 ·72	19 ·29	25	24	Sun.	16	11 ·13	23 ·28	25	24	Fri.	16	13 ·13	2 ·06	27
25	Fri.	17	13 ·81	20 ·39	26	25	Mon.	17	12 ·18	24 ·35	26	25	Sat.	17	14 ·06 / A ·97	3 ·02 / 4 ·97	28
26	Sat.	18	14 ·90	21 ·49	27	26	Tues.	18	13 ·20	25 ·41	27	26	Sun.	18	1 ·88	5 ·91	29
27	Sun.	19	—A ·96	22 ·59	28	27	Wed.	19	14 ·21	26 ·43	28	27	Mon.	19	2 ·78	6 ·84	—30
28	Mon.	20	... ...	23 ·67	—29	28	Thur.	20	—A ·19	27 ·44	—29	28	Tues.	20	3 ·68	7 ·78	1
29	Tues.	21	1 ·02	24 ·73	1	29	Fri.	21	1 ·16	1 ·42	1	29	Wed.	21	4 ·58	8 ·71	2
1	Wed.	22	2 ·04	25 ·77	2	30	Sat.	22	2 ·10	2 ·39	2	30	Thur.	22	5 ·48	9 ·64	3
2	Thur.	23	3 ·06	26 ·78	3	1	Sun.	23	3 ·04 / 4 ·96	3 ·35	3	31	Fri.	23	6 ·38	10 ·58	4
3	Fri.	24	4 ·01	27 ·79	4	2	Mon.	24	5 ·88	4 ·30	4	—32	Sat.	24	7 ·29	11 ·53	5
4	Sat.	25	5 ·01 / 6 ·95	1 ·77	5	3	Tues.	25	6 ·76	5 ·23	5	1	Sun.	25	8 ·22	12 ·51	6
5	Sun.	26	7 ·88	2 ·73	6	4	Wed.	26	7 ·66	6 ·16	6	2	Mon.	26	9 ·17	13 ·49	7
6	Mon.	27	8 ·81	3 ·68	7	5	Thur.	27	8 ·56	7 ·09	7	3	Tues.	27	10 ·13	14 ·49	8
7	Tues.	28	9 ·72	4 ·62	8	6	Fri.	28	9 ·46	8 ·02 / 9 ·97	8	4	Wed.	28	11 ·11	15 ·51	9
8	Wed.	29	10 ·63	5 ·56	9	7	Sat.	29	10 ·37	10 ·92	9	5	Thur.	29	12 ·12	16 ·55	10
9	Thur.	30	11 ·53	6 ·49	10	8	Sun.	30	11 ·29	11 ·87	10	6	Fri.	30	13 ·13	17 ·61	11
10	Fri.	31	12 ·43	7 ·42	11	9	Mon.	31	12 ·21	12 ·84	11	7	Sat.	31	14 ·19	18 ·69	12
	Feb.						**April.**						**June.**				
11	Sat.	1	13 ·33	8 ·35	12	10	Tues.	1	13 ·17	13 ·83	12	8	Sun.	1	P ·25	19 ·79	13
12	Sun.	2	14 ·24	9 ·29	13	11	Wed.	2	14 ·14	14 ·85	13	9	Mon.	2	1 ·32	20 ·89	14
13	Mon.	3	P ·17	10 ·24	14	12	Thur.	3	P ·13	15 ·88	14	10	Tues.	3	2 ·41	... ...	15
14	Tues.	4	1 ·10	11 ·21	15	13	Fri.	4	1 ·13	16 ·93	15	11	Wed.	4	3 ·49	21 ·00	16
15	Wed.	5	2 ·06	12 ·19	16	14	Sat.	5	2 ·16	... ...	16	12	Thur.	5	4 ·57	22 ·10	17
16	Thur.	6	3 ·02	13 ·19	17	15	Sun.	6	3 ·21	17 ·00	17	13	Fri.	6	5 ·63	23 ·20	18
17	Fri.	7	4 ·00	14 ·20	18	16	Mon.	7	4 ·28	18 ·08	18	14	Sat.	7	6 ·68	24 ·28	19
18	Sat.	8	5 ·01	15 ·24	19	17	Tues.	8	5 ·35	19 ·19	19	15	Sun.	8	7 ·70	25 ·34	20
19	Sun.	9	6 ·04	16 ·31	20	18	Wed.	9	6 ·43	20 ·30	20	16	Mon.	9	8 ·71	26 ·38	21
20	Mon.	10	7 ·10	17 ·3[illegible]	21	19	Thur.	10	7 ·52	21 ·40	21	17	Tues.	10	9 ·69	27 ·40	22
21	Tues.	11	8 ·18	18 ·48	22	20	Fri.	11	8 ·59	22 ·50	22	18	Wed.	11	10 ·66	1 ·41	23
22	Wed.	12	9 ·26	19 ·58	23	21	Sat.	12	9 ·66	23 ·59	23	19	Thur.	12	11 ·61	2 ·39	24
23	Thur.	13	10 ·34	20 ·69	24	22	Sun.	13	10 ·71	24 ·67	24	20	Fri.	13	12 ·54	3 ·36	25
24	Fri.	14	11 ·43	21 ·80	25	23	Mon.	14	11 ·73	25 ·72	25	21	Sat.	14	13 ·45	4 ·31	26
25	Sat.	15	12 ·51	22 ·90	26	24	Tues.	15	12 ·74	26 ·75	26	22	Sun.	15	14 ·35	5 ·25	27
26	Sun.	16	13 ·57	23 ·98	27	25	Wed.	16	13 ·73	27 ·76	27	23	Mon.	16	—A ·25	6 ·19	28
27	Mon.	17	14 ·62	... ...	28	26	Thur.	17	14 ·69	1 ·75	28	24	Tues.	17	1 ·15	7 ·12	29
28	Tues.	18	—A ·64	24 ·04	29	27	Fri.	18	—A ·62	2 ·72	29	25	Wed.	18	2 ·05 / 3 ·95	8 ·05 / 9 ·98	30
29	Wed.	19	1 ·65	25 ·08	—30	28	Sat.	19	1 ·55	3 ·69	—30	26	Thur.	19	4 ·85	10 ·92	1
—30	Thur.	20	2 ·[illegible]	26 ·11	1	29	Sun.	20	2 ·48	4 ·64	1	27	Fri.	20	5 ·78	11 ·88	2
1	Fri.	21	3 ·61	27 ·11	2	30	Mon.	21	3 ·38	5 ·57	2	28	Sat.	21	6 ·71	12 ·84	3
2	Sat.	22	4 ·55	1 ·09	3	—31	Tues.	22	4 ·28	6 ·50	3	29	Sun.	22	7 ·65	13 ·81	4
3	Sun.	23	5 ·48	2 ·06	4	1	Wed.	23	5 ·18	7 ·43	4	30	Mon.	23	8 ·61	14 ·81	5
4	Mon.	24	6 ·41	3 ·01 / 4 ·96	5	2	Thur.	24	6 ·08 / 7 ·98	8 ·37	5	31	Tues.	24	9 ·59	15 ·82	6
5	Tues.	25	7 ·31	5 ·90	6	3	Fri.	25	8 ·88	9 ·31	6	1	Wed.	25	10 ·60	16 ·86	7
6	Wed.	26	8 ·21	6 ·83	7	4	Sat.	26	9 ·80	10 ·25	7	2	Thur.	26	11 ·62	17 ·92	8
7	Thur.	27	9 ·11	7 ·76	8	5	Sun.	27	10 ·74	11 ·20	8	3	Fri.	27	12 ·66	... ...	9
8	Fri.	28	10 ·01 / 11 ·92	8 ·69	9	6	Mon.	28	11 ·69	12 ·17	9	4	Sat.	28	13 ·72	18 ·00	10
						7	Tues.	29	12 ·65	13 ·16	10	5	Sun.	29	14 ·79	19 ·09	11
						8	Wed.	30	13 ·63	14 ·17	11	6	Mon.	30	P ·88	20 ·19	12

Pingala. **Makara—Tai.** *Bahula.* *Śa'bān.* *H. 408*
Pingala. **Kumbha—Māsi.** *Bahula.* *Ramaẓān.* *H. 408*
Pingala. **Mina—Pāṅguni.** *Sukla.* *Shawwāl.* *H. 408*
Pingala. **Mina—Pāṅguni.** *Bahula.* *Shawwāl.* *H. 408*
Kālayukta. **Mēsha—Chittirai.** *Bahula.* *Zi-l-ka'da.* *H. 408*
Kālayukta. **Vṛish.—Vaigāśi.** *Sukla.* *Zi-l-ka'da.* *H. 408*
Kālayukta. **Mithuna—Āni.** *Bahula.* *Zi-l-ḥijja.* *H. 408*
Kālayukta. **Kark.—Ādi.** *Sukla.* *Zi-l-ḥijja.* *H. 409*
Kālayukta. **Vṛishabha—Vaigāśi.** *Bahula.* *Muharram.* *H. 409*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1018. **Kollam 194,** { **N. Malabar—Aug.** **Hijra 409.** **Vikrama 1075.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 20.** **Bengal San. 424.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Tues.	1	1 ·96	21 ·30	13	6	Mon.	1	3 ·21	1 ·38	16		Sat.	1	5 ·02	8 ·75	
8	Wed.	2	... ...	22 ·41	14	7	Tues.	2	4 ·19	2 ·37	17				6 ·92		
9	Thur.	3	2 ·04	23 ·51	15	8	Wed.	3	5 ·14	3 ·35	18	7	Sat.	1			*H.* 409 *Jamād'l ākhir.* 18
10	Fri.	4	3 ·09	24 ·59	16				6 ·08			8	Sun.	2	7 ·82	9 ·68	19
11	Sat.	5	4 ·14	25 ·65	17	9	Thur.	4	7 ·99	4 ·32	19	9	Mon.	3	8 ·72	10 ·61	20
12	Sun.	6	5 ·18	26 ·70	18	10	Fri.	5	8 ·90	5 ·27	20	10	Tues.	4	9 ·63	11 ·55	21
13	Mon.	7	6 ·20	27 ·73	19	11	Sat.	6	9 ·81	6 ·20	21	11	Wed.	5	10 ·55	12 ·51	22
14	Tues.	8	7 ·18	1 ·74	20	12	Sun.	7	10 ·71	7 ·14	22	12	Thur.	6	11 ·48	13 ·46	23
15	Wed.	9	8 ·15	2 ·72	21	13	Mon.	8	11 ·61	8 ·07	23	13	Fri.	7	12 ·43	14 ·44	24
16	Thur.	10	9 ·09	3 ·69	22					9 ·00		14	Sat.	8	13 ·40	15 ·43	25
			10 ·02			14	Tues.	9	12 ·51	10 ·94	24	15	Sun.	9	14 ·39	16 ·44	26
17	Fri.	11	11 ·94	4 ·64	23							16	Mon.	10	—**A** ·40	17 ·48	27
18	Sat.	12	12 ·85	5 ·59	24	15	Wed.	10	13 ·42	11 ·88	25	17	Tues.	11	1 ·43	18 ·53	28
19	Sun.	13	13 ·75	6 ·53	25	16	Thur.	11	14 ·34	12 ·83	26	18	Wed.	12	2 ·49	19 ·61	—29
20	Mon.	14	14 ·65	7 ·46	26	17	Fri.	12	—**A** ·27	13 ·80	27	19	Thur.	13	3 ·55	20 ·69	1
21	Tues.	15	—**A** ·55	8 ·39	27	18	Sat.	13	1 ·22	14 ·79	28	20	Fri.	14	4 ·63	21 ·79	2
22	Wed.	16	1 ·46	9 ·32	28	19	Sun.	14	2 ·19	15 ·79	—29	21	Sat.	15	5 ·71	22 ·90	3
23	Thur.	17	2 ·37	10 ·26	—29	20	Mon.	15	3 ·17	16 ·81	1	22	Sun.	16	6 ·81	.. ...	4
24	Fri.	18	3 ·28	11 ·21	1	21	Tues.	16	4 ·17	17 ·85	2	23	Mon.	17	7 ·89	23 ·02	5
25	Sat.	19	4 ·20	12 ·17	2	22	Wed.	17	5 ·20	18 ·91	3	24	Tues.	18	8 ·96	24 ·11	6
26	Sun.	20	5 ·14	13 ·14	3	23	Thur.	18	6 ·24	... ...	4	25	Wed.	19	... ...	25 ·20	7
27	Mon.	21	6 ·10	14 ·13	4	24	Fri.	19	7 ·30	19 ·00	5	26	Thur.	20	9 ·02	26 ·27	8
28	Tues	22	7 ·09	15 ·14	5	25	Sat.	20	8 ·38	20 ·09	6	27	Fri.	21	10 ·05	27 ·31	9
29	Wed.	23	8 ·08	16 ·18	6	26	Sun.	21	9 ·47	21 ·20	7	28	Sat.	22	11 ·06	1 ·35	10
30	Thur.	24	9 ·10	17 ·23	7	27	Mon.	22	10 ·55	22 ·31	8				12 ·05		
31	Fri.	25	10 ·15	18 ·30	8	28	Tues.	23	11 ·62	23 ·41	9	29	Sun.	23	13 ·01	2 ·36	11
—32	Sat.	26	11 ·21	19 ·39	9	29	Wed.	24	12 ·69	24 ·51	10	—30	Mon.	24	14 ·97	3 ·34	12
1	Sun.	27	12 ·29	20 ·49	10	—30	Thur.	25	13 ·75	25 ·59	11	1	Tues.	25	**P** ·90	4 ·31	13
2	Mon.	28	13 ·38	21 ·60	11	1	Fri.	26	14 ·80	26 ·65	12	2	Wed.	26	1 ·83	5 ·27	14
3	Tues.	29	14 ·46	22 ·71	12	2	Sat.	27	**P** ·81	27 ·68	13	3	Thur.	27	2 ·74	6 ·22	15
4	Wed.	30	**P** ·53	23 ·81	13	3	Sun.	28	1 ·80	1 ·70	14	4	Fri.	28	3 ·65	7 ·16	16
5	Thur.	31	1 ·60	24 ·89	14	4	Mon.	29	2 ·76	2 ·70	15	5	Sat.	29	4 ·55	8 ·09	17
						5	Tues.	30	3 ·73	3 ·69	16					9 ·02	
												6	Sun.	30	5 ·45	10 ·95	*H.* 409 *Rajab.* 18
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	2 ·65	25 ·96	15	6	Wed.	1	4 ·66	4 ·65	17	7	Mon.	1	6 ·35	11 ·90	19
7	Sat.	2	3 ·67	.. ...	16	7	Thur.	2	5 ·58	5 ·60	18	8	Tues.	2	7 ·27	12 ·84	20
8	Sun.	3	4 ·69	26 ·02	17	8	Fri.	3	6 ·50	6 ·54	19	9	Wed.	3	8 ·19	13 ·80	21
9	Mon.	4	5 ·68	27 ·05	18	9	Sat.	4	7 ·40	7 ·47	20	10	Thur.	4	9 ·12	14 ·77	22
10	Tues.	5	6 ·64	1 ·06	19	10	Sun.	5	8 ·30	8 ·41	21	11	Fri.	5	10 ·08	15 ·75	23
11	Wed.	6	7 ·60	2 ·05	20	11	Mon.	6	9 ·20	9 ·34	22	12	Sat.	6	11 ·05	16 ·76	24
				3 ·02		12	Tues.	7	10 ·11	10 ·28	23	13	Sun.	7	12 ·04	17 ·80	25
12	Thur.	7	8 ·54	4 ·99	21				11 ·02			14	Mon.	8	13 ·04	18 ·84	26
13	Fri.	8	9 ·45	5 ·93	22	13	Wed.	8	12 ·93	11 ·21	24	15	Tues.	9	14 ·07	19 ·91	27
14	Sat.	9	10 ·36	6 ·87	23	14	Thur.	9	13 ·87	12 ·16	25	16	Wed.	10	—**A** ·13	... ...	28
15	Sun.	10	11 ·27	7 ·80	24	15	Fri.	10	14 ·81	13 ·14	26	17	Thur.	11	1 ·19	20 ·00	29
16	Mon.	11	12 ·17	8 ·73	25	16	Sat.	11	—**A** ·78	14 ·11	27	18	Fri.	12	2 ·28	21 ·09	—30
			13 ·07			17	Sun.	12	1 ·76	15 ·11	28	19	Sat.	13	3 ·37	22 ·21	1
17	Tues.	12	14 ·97	9 ·66	26	18	Mon.	13	2 ·77	16 ·12	29	20	Sun.	14	4 ·46	23 ·31	2
18	Wed.	13	—**A** ·87	10 ·60	27	19	Tues.	14	3 ·79	17 ·16	—30	21	Mon.	15	5 ·54	24 ·42	3
19	Thur.	14	1 ·79	11 ·54	28	20	Wed.	15	4 ·84	18 ·23	1	22	Tues.	16	6 ·61	25 ·50	4
20	Fri.	15	2 ·71	12 ·50	29	21	Thur.	16	5 ·91	19 ·30	2	23	Wed.	17	7 ·66	26 ·58	5
21	Sat.	16	3 ·66	13 ·47	—30	22	Fri.	17	6 ·99	20 ·39	3	24	Thur.	18	8 ·69	27 ·64	6
22	Sun.	17	4 ·62	14 ·45	1	23	Sat.	18	... ...	21 ·50	4	25	Fri.	19	9 ·71	1 ·67	7
23	Mon.	18	5 ·61	15 ·47	2	24	Sun.	19	7 ·08	22 ·60	5	26	Sat.	20	10 ·69	2 ·68	8
24	Tues.	19	6 ·61	16 ·49	3	25	Mon.	20	8 ·17	23 ·71	6	27	Sun.	21	11 ·66	3 ·67	9
25	Wed.	20	7 ·64	17 ·54	4	26	Tues.	21	9 ·25	24 ·81	7	28	Mon.	22	12 ·61	4 ·65	10
26	Thur.	21	8 ·68	18 ·61	5	27	Wed.	22	10 ·32	25 ·89	8	—29	Tues.	23	13 ·56	5 ·61	11
27	Fri.	22	9 ·74	19 ·69	6	28	Thur.	23	11 ·37	26 ·96	9	1	Wed.	24	14 ·47	6 ·56	12
28	Sat.	23	10 ·82	20 ·80	7	29	Fri.	24	12 ·40	.. ...	10	2	Thur.	25	**P** ·38	7 ·50	13
29	Sun.	24	11 ·90	21 ·90	8	—30	Sat.	25	13 ·42	27 ·00	11	3	Fri.	26	1 ·28	8 ·43	14
30	Mon.	25	12 ·98	.. ...	9	1	Sun.	26	14 ·41	1 ·02	12	4	Sat.	27	2 ·18	9 ·36	15
—31	Tues.	26	... ...	22 ·01	10	2	Mon.	27	**P** ·38	2 ·03	13				3 ·08		
1	Wed.	27	13 ·05	23 ·11	11				1 ·33	3 ·02		5	Sun.	28	4 ·98	10 ·29	16
2	Thur.	28	14 ·12	24 ·20	12	3	Tues.	28		4 ·98	14	6	Mon.	29	5 ·91	11 ·23	17
3	Fri.	29	**P** ·18	25 ·28	13	4	Wed.	29	2 ·27	5 ·94	15	7	Tues.	30	6 ·83	12 ·17	18
4	Sat	30	1 ·21	26 ·34	14	5	Thur.	30	3 ·20	6 ·88	16	8	Wed.	31	7 ·76	13 ·13	19
5	Sun.	31	2 ·23	27 ·37	15	6	Fri.	31	4 ·11	7 ·82	17						

Kālayukta. **Karkataka—Ādi.** *Kālayukta.* **Kanyā—Purattāśi.** *Kālayukta.* **Vṛśchika—Kārttigai.**

Kālayukta. **Siṁha—Āvani.** *Kālayukta.* **Tulā—Aippaśi.** *Kālayukta.* **Dhanus—Mārgali.**

Kālayukta. **Makara—Tai.**

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

Śrāvaṇa. **Bhādrapada.** **Āśvina.** **Kārttika.** **Mārgaśīrsha.** **Pausha.**

H. 409 *Śafar.* *H.* 409 *Rabī-ul awwal.* *H.* 409 *Rabī-ul ākhir.* *H.* 409 *Jumāda'l awwal.* *H.* 409 *Jumāda'l ākhir.* *H.* 409 *Rajab.* *H.* 409 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1019. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·66.** **Śaka 941.** **Kaliyuga 4120.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·62.** **(S. Cycle) Siddhârtin.**

SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.				
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Jan.								**March.**								**May.**						
Kâlayukta. **Makara—Tai.**			*Śukla.*				*H.* 409 *Sha'bân.*	*Kâlayukta.* **Mîna—Pâṅguni.**			*Śukla.*					*Siddhârtin.* **Vrishabha—Vaigâśi.**			*Śukla.*				
9	Thur.	1		8 ·72		14 ·09	20	9	Sun.	1		8 ·94		19 ·84	20	8	Fri.	1		9 ·35		...	22
10	Fri.	2	*Śrâvaṇa.*	9 ·69		15 ·08	21	10	Mon.	2	*Śrâvaṇa.*	9 ·98		20 ·91	21	9	Sat.	2	*Śrâvaṇa.*	10 ·43		25 ·02	23
11	Sat.	3		10 ·68		16 ·09	22	11	Tues.	3		...		...	22	10	Sun.	3		11 ·49		26 ·11	24
12	Sun.	4		11 ·68		17 ·11	23	12	Wed.	4		10 ·05		21 ·00	23	11	Mon.	4		12 ·52		27 ·19	25
13	Mon.	5		12 ·73		18 ·15	24	13	Thur.	5		11 ·14		22 ·10	24	12	Tues.	5		13 ·55		1 ·25	26
14	Tues.	6		13 ·78		19 ·22	25	14	Fri.	6		12 ·23		23 ·21	25	13	Wed.	6		14 ·56		2 ·29	27
15	Wed.	7		14 ·85		20 ·30	26	15	Sat.	7		13 ·31		24 ·32	26	14	Thur.	7		A ·53		3 ·30	28
16	Thur.	8		A ·93		21 ·40	27	16	Sun.	8		14 ·39		25 ·42	27	15	Fri.	8		1 50		4 ·30	—29
17	Fri.	9		...		22 ·51	28	17	Mon.	9		A ·45		26 ·51	28	16	Sat.	9		2 ·45		5 ·27	1
18	Sat.	10		1 ·02		23 ·61	29	18	Tues.	10		1 ·49		27 ·57	—29	17	Sun.	10		3 ·37		6 ·24	2
19	Sun.	11		2 ·11		24 ·72	1	19	Wed.	11		2 ·53		1 ·62	1	18	Mon.	11		4 ·29		7 ·19	3
20	Mon.	12		3 ·19		25 ·81	2	20	Thur.	12		3 ·52		2 ·61	2	19	Tues.	12	*Śukla.*	5 ·19		8 ·13	4
21	Tues.	13		4 ·26		26 ·89	3	21	Fri.	13		4 ·51		3 ·66	3					6 ·09		9 ·06	
22	Wed.	14		5 ·31		27 ·95	4	22	Sat.	14		5 ·47		4 ·64	4	20	Wed.	13		7 ·99		10 ·99	5
23	Thur.	15		6 ·34		1 ·99	5	23	Sun.	15	*Śukla.*	6 ·42		5 ·61	5	21	Thur.	14		8 ·89		11 ·93	6
24	Fri.	16		7 ·34		...	6	24	Mon.	16		7 ·34		6 ·57	6	22	Fri.	15		9 ·79		12 ·86	7
25	Sat.	17		8 ·32		2 ·00	7	25	Tues.	17		8 ·26		7 ·51	7	23	Sat	16		10 ·70		13 ·80	8
26	Sun.	18		9 ·30		3 ·00	8	26	Wed.	18		9 ·16		8 ·45	8	24	Sun.	17		11 ·61		14 ·75	9
						4 ·99						10 ·06				25	Mon.	18		12 ·54		15 ·72	10
27	Mon.	19		10 ·24		5 ·95	9	27	Thur.	19		11 ·96		9 ·38	9	26	Tues.	19		13 ·49		16 ·70	11
28	Tues.	20		11 ·18		6 ·90	10	28	Fri.	20		12 ·86		10 ·31	10	27	Wed.	20		14 ·45		17 ·71	12
—29	Wed.	21		12 ·09		7 ·83	11	29	Sat.	21		13 ·77		11 ·24	11	28	Thur.	21		P ·44		18 ·73	13
								30	Sun.	22		14 ·68		12 ·18	12	29	Fri.	22		1 ·45		19 ·77	14
1	Thur.	22		13 ·01		8 ·77	12	31	Mon. ○	23		P ·60		13 ·14	13	30	Sat.	23		2 ·48		20 ·83	15
				14 ·91															*Jyeshtha.*				
2	Fri.	23		P ·81		9 ·70	13	1	Tues.	24		1 ·53		14 ·09	14	31	Sun.	24		3 ·52		21 ·90	16
3	Sat.	24		1 ·71		10 ·64	14	2	Wed.	25		2 ·49		15 ·06	15	1	Mon.	25		4 ·58		...	17
4	Sun.	25		2 ·61		11 ·57	15	3	Thur.	26		3 ·46		16 ·05	16	2	Tues.	26		5 ·65		22 ·01	18
5	Mon.	26		3 ·52		12 ·51	16	4	Fri.	27		4 ·43		17 ·06	17	3	Wed.	27		6 ·73		23 ·11	19
6	Tues.	27		4 ·44		13 ·46	17	5	Sat.	28		5 ·44		18 ·10	18	4	Thur.	28		7 ·82		24 ·22	20
7	Wed.	28		5 ·39		14 ·42	18	6	Sun.	29		6 ·48		19 ·15	19	5	Fri.	29		8 ·90		25 ·32	21
8	Thur.	29		6 ·35		15 ·41	19	7	Mon.	30		7 ·54		20 ·22	20	6	Sat.	30		9 ·96		26 ·42	22
9	Fri.	30		7 ·31		16 ·41	20	8	Tues.	31		8 ·60		21 ·30	21	7	Sun.	31		...		27 ·50	23
10	Sat.	31		8 ·30		17 ·43	21																
	Feb.								**April.**								**June.**						
Kâlayukta. **Kumbha—Mâśi.**			*Śukla.*					*Siddhârtin.* **Mêsha—Chittirai.**			*Śukla.*					*Siddhârtin.* **Mithuna—Âni.**			*Śukla.*				
11	Sun.	1	*Śrâvaṇa.*	9 ·30		18 ·46	22	9	Wed.	1	*Śrâvaṇa.*	9 ·69		22 ·40	22	8	Mon.	1		10 ·00		1 ·56	24
12	Mon.	2		10 ·35		19 ·52	23	10	Thur.	2		10 ·77		23 ·51	23	9	Tues.	2		11 ·03		2 ·60	25
13	Tues	3		11 ·40		20 ·61	24	11	Fri.	3		11 ·85		24 ·62	24	10	Wed.	3		12 ·03		3 ·62	26
14	Wed.	4		12 ·48		21 ·70	25	12	Sat.	4		12 ·92		25 ·72	25					13 ·01			
15	Thur.	5		13 ·56		22 ·80	26	13	Sun.	5		13 ·98		26 ·81	26	11	Thur.	4		14 ·98		4 ·62	27
16	Fri.	6		14 ·65		23 ·91	27	14	Mon.	6		...		27 ·88	27	12	Fri.	5		A ·93		5 ·61	28
17	Sat.	7		A ·73		...	28	15	Tues.	7		14 ·03		1 ·93	28	13	Sat.	6		1 ·85		6 ·58	29
18	Sun.	8		1 ·80		24 ·02	29	16	Wed. ●	8		A ·05		2 ·97	29	14	Sun.	7		2 ·77		7 ·53	—30
19	Mon.	9		2 ·87		25 ·12	—30	17	Thur.	9		1 ·06		3 ·98	30	15	Mon.	8		3 ·67		8 ·47	1
20	Tues.	10		3 ·91		26 ·20	1					2 ·04				16	Tues.	9		4 ·57		9 ·40	2
21	Wed.	11		4 ·94		27 ·26	2	18	Fri.	10		3 ·99		4 ·97	1	17	Wed.	10		5 ·47		10 ·34	3
22	Thur.	12		5 ·95		1 ·39	3	19	Sat.	11		4 ·94		5 ·94	2	18	Thur.	11		6 ·37		11 ·27	4
23	Fri.	13		6 ·94		2 ·32	4	20	Sun.	12		5 ·86		6 ·90	3	19	Fri.	12		7 ·27		12 ·20	5
24	Sat.	14	*Śukla.*	7 ·90		3 ·32	5	21	Mon.	13	*Śukla.*	6 ·78		7 ·86	4	20	Sat.	13	*Śukla.*	8 ·18		13 ·14	6
25	Sun.	15		8 ·84		4 ·31	6	22	Tues.	14		7 ·69		8 ·79	5	21	Sun.	14		9 ·09		14 ·09	7
26	Mon.	16		9 ·78		5 ·28	7	23	Wed.	15		8 ·59		9 ·72	6					10 ·02			
27	Tues.	17		10 ·70		6 ·23	8	24	Thur.	16		9 ·49		10 ·65	7	22	Mon.	15		11 ·96		15 ·05	8
28	Wed.	18		11 ·61		7 ·17	9	25	Fri.	17		10 ·39		11 ·58	8	23	Tues.	16		12 ·93		16 ·03	9
29	Thur.	19		12 ·51		8 ·11	10	26	Sat.	18		11 ·29		12 ·53	9	24	Wed.	17		13 ·92		17 ·03	10
						9 ·05		27	Sun.	19		12 ·20		13 ·47	10	25	Thur.	18		14 ·93		18 ·04	11
—30	Fri.	20		13 ·41		10 ·00	11	28	Mon.	20		13 ·12		14 ·42	11	26	Fri.	19		P ·95		19 ·08	12
Kâlayukta. **Mîna—Pâṅguni.**			*Śukla.*					*Vaiśâkha.*								27	Sat.	20		...		20 ·13	13
1	Sat.	21	*Phâlguna.*	14 ·31		11 ·91	12	29	Tues.	21		14 ·04		15 ·39	12	*Âshâdha.*							
2	Sun.	22		P ·21		12 ·84	13					P ·00				28	Sun.	21		1 ·00		21 ·22	14
3	Mon	23		1 ·12		13 ·76	14	30	Wed.	22		1 ·97		16 ·37	13	29	Mon.	22		2 ·06		22 ·31	15
				2 ·04												30	Tues.	23		3 ·13		23 ·41	16
4	Tues.	24		3 ·08		14 ·76	15	—31	Thur.	23		2 ·95		17 ·39	14	31	Wed.	24		4 ·20		24 ·52	17
5	Wed.	25		4 ·04		15 ·74	16	1	Fri.	24		3 ·96		18 ·41	15	—32	Thur.	25		5 ·29		25 ·62	18
6	Thur.	26		5 ·01		16 ·73	17	2	Sat.	25		4 ·99		19 ·46	16	1	Fri.	26		6 ·37		26 ·72	19
7	Fri.	27		6 ·89		17 ·71	18	3	Sun.	26		...		20 ·52	17	2	Sat.	27		7 ·44		27 ·81	20
8	Sat.	28		7 ·90		18 ·77	19	4	Mon.	27		5 ·05		21 ·60	18	3	Sun.	28		8 ·48		1 ·87	21
								5	Tues.	28		6 ·11		22 ·70	19	4	Mon.	29		9 ·52		2 ·92	22
								6	Wed.	29		7 ·19		23 ·81	20	5	Tues.	30		10 ·51		3 ·94	23
								7	Thur	30		8 ·27		24 ·92	21								

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1019. **Kollam 195,** { **N. Malabar—Aug.** **Hijra 410.** **Vikrama 1076.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 9.** **Bengal San. 425.**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
6	Wed.	1	11 ·50	4 ·96	24				{14 ·01				Sun.	1	2 ·69	18 ·65	—29
7	Thur.	2	12 ·46	5 ·94	25	6	Tues.	1	A ·91	11 ·28	27	7	Mon.	2	3 ·68	19 ·66	1
8	Fri.	3	13 ·41	6 ·91	26	7	Wed.	2	1 ·81	12 ·21	28	8	Tues.	3	4 ·69	20 ·69	2
9	Sat.	4	14 ·34	7 ·86	27	8	Thur.	3	2 ·71	13 ·16	—29	9	Wed.	4	5 ·71	21 ·74	3
10	Sun.	5	—A ·26	8 ·80	28	9	Fri.	4	3 ·64	14 ·10	1	10	Thur.	5	6 ·77	22 ·83	4
11	Mon.	6	1 ·17	9 ·74	—29	10	Sat.	5	4 ·57	15 ·05	2	11	Fri.	6	7 ·84	23 ·92	5
12	Tues.	7	{2 ·07	10 ·68	1	11	Sun.	6	5 ·51	16 ·02	3	12	Sat.	7	8 ·92	... ...	6
			3 ·97			12	Mon.	7	6 ·48	17 ·00	4	13	Sun.	8	... ...	24 ·02	7
13	Wed.	8	4 ·86	11 ·61	2	13	Tues.	8	7 ·46	18 ·01	5	14	Mon.	9	9 ·00	25 ·12	8
14	Thur.	9	5 ·76	12 ·54	3	14	Wed.	9	8 ·47	19 ·03	6	15	Tues.	10	10 ·09	26 ·23	9
15	Fri.	10	6 ·67	13 ·47	4	15	Thur.	10	9 ·49	20 ·07	7	16	Wed.	11	11 ·17	27 ·34	10
16	Sat.	11	7 ·58	14 ·42	5	16	Fri.	11	10 ·55	21 ·13	8	17	Thur.	12	12 ·25	1 ·42	11
17	Sun.	12	8 ·51	15 ·39	6	17	Sat.	12	11 ·61	22 ·21	9	18	Fri.	13	13 ·31	2 ·49	12
18	Mon.	13	9 ·45	16 ·36	7	18	Sun.	13	12 ·70	23 ·31	10	19	Sat.	14	14 ·34	3 ·53	13
19	Tues.	14	10 ·43	17 ·35	8	19	Mon.	14	13 ·78	24 ·42	11	20	Sun.	15	P ·34	4 ·56	14
20	Wed.	15	11 ·40	18 ·36	9	20	Tues.	15	14 ·86	25 ·53	12	21	Mon.	16	1 ·32	5 ·58	15
21	Thur.	16	12 ·41	19 ·39	10	21	Wed. ○	16	P ·94	26 ·63	13	22	Tues.	17	2 ·30	6 ·56	16
22	Fri.	17	13 ·43	20 ·45	11	22	Thur.	17	... ...	27 ·72	14	23	Wed.	18	3 ·24	7 ·53	17
23	Sat.	18	14 ·48	21 ·52	12	23	Fri.	18	1 ·01	1 ·80	15	24	Thur.	19	4 ·18	8 ·49	18
24	Sun.	19	P ·54	22 ·61	13	24	Sat.	19	2 ·07	2 ·87	16	25	Fri.	20	5 ·11	9 ·43	19
25	Mon.	20	1 ·61	23 ·71	14	25	Sun.	20	3 ·09	3 ·91	17	26			{6 ·02	10 ·38	20
26	Tues.	21	2 ·70	24 ·81	15	26	Mon.	21	4 ·11	4 ·92	18	27	Sat.	21	7 ·92		
27	Wed.	22	3 ·79	25 ·93	16	27	Tues.	22	5 ·09	5 ·92	19	28	Sun.	22	8 ·82	11 ·31	21
28	Thur.	23	4 ·87	... ...	17	28	Wed.	23	6 ·07	6 ·90	20	29	Mon.	23	9 ·72	12 ·24	22
29	Fri.	24	5 ·92	26 ·03	18	29	Thur.	24	{7 ·01	7 ·87	21	—30	Tues.	24	10 ·63	13 ·17	23
30	Sat.	25	6 ·96	27 ·11	19				8 ·94			1	Wed.	25	11 ·55	14 ·11	24
—31	Sun.	26	... ...	1 ·18	20	30	Fri.	25	9 ·87	8 ·82	22	2	Thur.	26	12 ·47	15 ·05	25
1	Mon.	27	7 ·00	2 ·23	21	—31	Sat.	26	10 ·78	9 ·76	23	3	Fri.	27	13 ·41	{16 ·02	26
2	Tues.	28	8 ·01	3 ·26	22	1	Sun.	27	11 ·69	10 ·69	24					17 ·99	
3	Wed.	29	{9 ·00	4 ·28	23	2	Mon.	28	12 ·59	11 ·62	25	4	Sat.	28	14 ·35	18 ·97	27
			10 ·96			3	Tues.	29	13 ·49	12 ·56	26	5	Sun.	29	—A ·33	19 ·98	28
4	Thur.	30	11 ·92	5 ·27	24	4	Wed.	30	14 ·39	13 ·49	27	6	Mon.	30	1 ·32	... ...	29
5	Fri.	31	12 ·84	6 ·24	25												
		Aug.						**Oct.**						**Dec.**			
6	Sat.	1	13 ·76	7 ·19	26	5	Thur.	1	—A ·29	14 ·43	28	7	Tues.	1	2 ·33	20 ·01	—30
7	Sun.	2	14 ·67	8 ·14	27	6	Fri.	2	1 ·22	15 ·38	29	8	Wed.	2	3 ·37	21 ·06	1
8	Mon.	3	—A ·57	9 ·09	28	7	Sat.	3	2 ·16	16 ·34	—30	9	Thur.	3	4 ·42	22 ·13	2
9	Tues.	4	1 ·47	{10 ·02	29	8	Sun.	4	3 ·10	17 ·33	1	10	Fri.	4	5 ·49	23 ·22	3
				11 ·95		9	Mon.	5	4 ·07	18 ·33	2	11	Sat.	5	6 ·58	24 ·31	4
10	Wed.	5	2 ·37	12 ·88	—30	10	Tues.	6	5 ·06	19 ·34	3	12	Sun.	6	7 ·67	25 ·42	5
11	Thur.	6	3 ·27	13 ·81	1	11	Wed.	7	6 ·06	20 ·38	4	13	Mon.	7	8 ·75	26 ·54	6
12	Fri.	7	4 ·17	14 ·76	2	12	Thur.	8	7 ·08	21 ·44	5	14	Tues.	8	9 ·82	27 ·64	7
13	Sat.	8	5 ·09	15 ·72	3	13	Fri.	9	8 ·14	22 ·51	6	15	Wed.	9	10 ·89	1 ·72	8
14	Sun.	9	{6 ·02	16 ·69	4	14	Sat.	10	9 ·21	23 ·62	7	16	Thur.	10	11 ·95	2 ·80	9
			7 ·96			15	Sun.	11	10 ·30	24 ·72	8	17	Fri.	11	12 ·98	3 ·85	10
15	Mon.	10	8 ·93	17 ·67	5	16	Mon.	12	11 ·38	25 ·82	9	18	Sat.	12	13 ·99	4 ·89	11
16	Tues.	11	9 ·91	18 ·68	6	17	Tues.	13	12 ·46	26 ·93	10	19	Sun.	13	14 ·98	5 ·90	12
17	Wed.	12	10 ·92	19 ·71	7	18	Wed.	14	13 ·54	... ...	11	20	Mon.	14	P ·94	6 ·89	13
18	Thur.	13	11 ·94	20 ·76	8	19	Thur.	15	14 ·62	27 ·02	12	21	Tues.	15	1 ·90	7 ·87	14
19	Fri.	14	... ...	21 ·83	9	20	Fri.	16	P ·67	1 ·11	13	22	Wed.	16	2 ·83	8 ·82	15
20	Sat.	15	12 ·00	22 ·91	10	21	Sat.	17	1 ·70	2 ·18	14	23	Thur.	17	3 ·75	9 ·77	16
21	Sun.	16	13 ·06	... ...	11	22	Sun.	18	2 ·71	3 ·22	15	24	Fri.	18	4 ·66	10 ·72	17
22	Mon.	17	14 ·13	23 ·01	12	23	Mon.	19	3 ·69	4 ·24	16	25	Sat.	19	5 ·57	11 ·65	18
23	Tues.	18	P ·22	24 ·12	13	24	Tues.	20	4 ·66	5 ·24	17	26	Sun.	20	6 ·47	12 ·58	19
24	Wed.	19	1 ·30	25 ·23	14	25	Wed.	21	5 ·62	6 ·24	18	27	Mon.	21	7 ·37	13 ·51	20
25	Thur.	20	2 ·38	26 ·33	15	26	Thur.	22	6 ·56	7 ·20	19	28	Tues.	22	8 ·28	14 ·44	21
26	Fri.	21	3 ·45	27 ·42	16	27	Fri.	23	7 ·48	8 ·16	20	—29	Wed.	23	9 ·19	15 ·39	22
27	Sat.	22	4 ·50	1 ·49	17	28	Sat.	24	8 ·38	9 ·10	21	1	Thur.	24	10 ·11	16 ·35	23
28	Sun.	23	5 ·53	2 ·55	18					{10 ·03		2	Fri.	25	11 ·05	17 ·31	24
29	Mon.	24	6 ·54	3 ·59	19	—29	Sun.	25	9 ·30	11 ·97	22	3	Sat.	26	{12 ·00	18 ·30	25
30	Tues.	25	7 ·52	4 ·60	20	1	Mon.	26	10 ·20	12 ·90	23				13 ·98		
—31	Wed.	26	8 ·49	5 ·59	21	2	Tues.	27	11 ·10	13 ·83	24	4	Sun.	27	14 ·96	19 ·30	26
1	Thur.	27	9 ·44	6 ·57	22	3	Wed.	28	{12 ·00	14 ·77	25	5	Mon.	28	—A ·98	20 ·33	27
2	Fri.	28	10 ·37	7 ·53	23				13 ·92			6	Tues.	29	... ...	21 ·37	28
3	Sat.	29	11 ·29	8 ·49	24	4	Thur.	29	14 ·84	15 ·72	26	7	Wed.	30	1 ·01	22 ·44	—29
4	Sun.	30	12 ·20	9 ·42	25	5	Fri.	30	—A ·76	16 ·67	27	8	Thur.	31	2 ·07	23 ·52	1
5	Mon.	31	13 ·11	10 ·35	26	6	Sat.	31	1 ·71	17 ·66	28						

Siddhārtin. **Siṁha—Āvani.** *Bahula.* *Sukla.* **Bhādrapada.** **Śrāvana.** **Karkaṭaka—Ādi.** *H.* 410 *Rabī-ul awwal.*

Siddhārtin. **Tulā—Aippaśi.** **Kanyā—Puraṭṭāśi.** *H.* 410 *Jamāda'l awwal.*

Siddhārtin. **Vṛśchika—Kārttigai.** **Vṛśch.—Kār.** **Dhanus—Mārgaḷi.**

Siddhārtin. **Makara—Tai.** **Mārgaśīrsha.** **Pausha.** *H.* 410 *Jumāda'l ākhir.*

Siddhārtin. *Bahula.* *Sukla.* *H.* 410 *Rajab* *H.* 410 *Sha'bān.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1020.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Saṅkrānti (Commencement of Indian Sidereal year.)
(Surya Sid.) March 22·91. **Śaka 942.**
(Arya Sid.) March 22·87.

Kaliyuga 4121.
(S. Cycle) Raudra.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Siddhārtin.			*Śukla.*			*Siddhārtin.*			*Śukla.*			*Raudra.*			*Śukla.*		
Makara—Tai.			**Māgha.**		*H.* 410 *Ramazān*	**Mīna—Phālguni.**			*Bahula.*		*H.* 410 *Zi-l-ka'da.*	**Vrishabha—Vaigāśi.**			*Bahula.*		*H.* 411 *Muharram.*
9	Fri.	1	3 ·14	24 ·61	2	9	Tues.	1	4 ·76	2 ·73	3	9	Sun.	1	6 ·76	8 ·49	5
10	Sat.	2	4 ·21	25 ·73	3	10	Wed.	2	5 ·81	3 ·79	4	10	Mon.	2	7 ·69	9 ·45	6
11	Sun	3	5 ·30	26 ·83	4	11	Thur.	3	6 ·83	4 ·84	5	11	Tues.	3	8 ·60	10 ·41	7
12	Mon.	4	6 ·39	27 ·94	5	12	Fri.	4	7 ·83	5 ·86	6	12	Wed.	4	9 ·50	11 ·35	8
13	Tues.	5	7 ·48	... ...	6	13	Sat.	5	8 ·81	6 ·87	7	13	Thur.	5	10 ·40	12 ·28	9
14	Wed.	6	8 ·55	1 ·03	7	14	Sun.	6	9 ·77	7 ·86	8	14	Fri.	6	11 ·30	13 ·21	10
15	Thur.	7	9 ·61	2 ·10	8	15	Mon.	7	10 ·71	8 ·83	9	15	Sat.	7	12 ·20	14 ·14	11
16	Fri.	8	10 ·62	3 ·17	9	16	Tues.	8	11 ·65	9 ·79	10	16	Sun.	8	13 ·10	15 ·07	12
17	Sat.	9	11 ·62	4 ·21	10	17	Wed.	9	12 ·56	10 ·73	11	17	Mon.	9	14 ·01	16 ·02	13
18	Sun.	10	12 ·62	5 ·22	11	18	Thur.	10	13 ·47	11 ·66	12				P ·93	17 ·97	
19	Mon.	11	13 ·58	6 ·22	12	19	Fri.	11	14 ·37	12 ·60	13	18	Tues.	10	1 ·87	18 ·94	14
20	Tues.	12	14 ·52	7 ·19	13	20	Sat. ○	12	P ·27	13 ·53	14	19	Wed.	11	2 ·81	19 ·92	15
21	Wed.	13	P ·45	8 ·16	14	21	Sun.	13	1 ·17	14 ·46	15	20	Thur.	12	3 ·78	20 ·92	16
22	Thur.	14	1 ·37	9 ·12	15	22	Mon.	14	2 ·07	15 ·40	16	21	Fri.	13	4 ·76	21 ·95	17
23	Fri.	15	2 ·27	10 ·05	16				3 ·98			22	Sat.	14	5 ·78	22 ·99	18
				11 ·99		23	Tues.	15	4 ·90	16 ·34	17	23	Sun.	15	6 ·81	... ...	19
24	Sat.	16	3 ·19	12 ·92	17	24	Wed	16	5 ·83	17 ·31	18	24	Mon.	16	7 ·84	23 ·05	20
25	Sun.	17	4 ·09	13 ·85	18	25	Thur.	17	6 ·79	18 ·28	19	25	Tues.	17	8 ·92	24 ·13	21
			5 ·99			26	Fri.	18	7 ·76	19 ·27	20	26	Wed.	18	9 ·99	25 ·22	22
26	Mon.	18	6 ·90	14 ·79	19	27	Sat.	19	8 ·75	20 ·28	21	27	Thur.	19	... ...	26 ·33	23
27	Tues	19	7 ·81	15 ·73	20	28	Sun.	20	9 ·76	21 ·31	22	28	Fri.	20	10 ·07	27 ·44	24
28	Wed.	20	8 ·74	16 ·68	21	29	Mon.	21	10 ·80	22 ·36	23	29	Sat.	21	11 ·15	1 ·54	25
29	Thur.	21	9 ·67	17 ·64	22	30	Tues.	22	11 ·85	23 ·44	24	30	Sun.	22	12 ·24	2 ·64	26
30	Fri.	22	10 ·63	18 ·62	23	1	Wed.	23	12 ·93	24 ·52	25	31	Mon.	23	13 ·30	3 ·71	27
1	Sat.	23	11 ·61	19 ·63	24	2	Thur.	24	... ...	25 ·62	26	1	Tues.	24	14 ·33	4 ·78	28
2	Sun.	24	12 ·59	20 ·65	25	3	Fri.	25	13 ·01	26 ·73	27	2	Wed.	25	A ·36	5 ·82	29
3	Mon.	25	13 ·61	21 ·68	26	4	Sat.	26	14 ·09	27 ·83	28	3	Thur.	26	1 ·36	6 ·84	30
4	Tues.	26	14 ·64	22 ·74	27	5	Sun.	27	A ·17	1 ·94	29	4	Fri.	27	2 ·34	7 ·84	1
5	Wed.	27	A ·70	23 ·82	28	6	Mon.	28	1 ·24	... ...	30	5	Sat.	28	3 ·30	8 ·82	2
6	Thur	28	1 ·77	24 ·92	29	7	Tues.	29	2 ·31	2 ·03	1	6	Sun.	29	4 ·25	9 ·78	3
7	Fri.	29	2 ·85	... ...	30	8	Wed.	30	3 ·35	3 ·10	2	7	Mon.	30	5 ·17	10 ·75	4
8	Sat.	30	3 ·93	25 ·03	1	9	Thur.	31	4 ·37	4 ·15	3	8	Tues.	31	6 ·09	11 ·69	5
9	Sun.	31	... ..	26 ·13	2												
	Feb.						**April.**						**June.**				
Siddhārtin.			*Śukla.*			*Raudra.*			*Śukla.*			*Raudra.*			*Bahula.*		
Kumbha—Māśi.			**Phālguna.**		*H.* 410 *Shawwal.*	**Mēsha—Chittirai.**			**Vaiśākha.**		*H.* 410 *Zi-l-hijja.*	**Mithuna—Āni.**			**Adhika Āshādha.**		*H.* 411 *Safar.*
10	Mon.	1	4 ·02	27 ·24	3	10	Fri.	1	5 ·37	5 ·18	4	9	Wed.	1	7 ·00	12 ·62	6
11	Tues.	2	5 ·10	1 ·33	4	11	Sat.	2	6 ·35	6 ·20	5				8 ·90		
12	Wed.	3	6 ·17	2 ·41	5	12	Sun.	3	7 ·32	7 ·19	6	10	Thur.	2	9 ·80	13 ·55	7
13	Thur.	4	7 ·23	3 ·48	6	13	Mon.	4	8 ·25	8 ·16	7	11	Fri.	3	10 ·70	14 ·48	8
14	Fri.	5	8 ·21	4 ·52	7	14	Tues.	5	9 ·18	9 ·12	8	12	Sat.	4	11 ·60	15 ·42	9
15	Sat.	6	9 ·25	5 ·54	8	15	Wed.	6	10 ·09	10 ·06	9	13	Sun.	5	12 ·51	16 ·36	10
16	Sun.	7	10 ·23	6 ·54	9	16	Thur.	7	11 ·00	11 ·01	10	14	Mon.	6	13 ·42	17 ·31	11
17	Mon.	8	11 ·19	7 ·52	10				12 ·90	12 ·94		15	Tues.	7	14 ·35	18 ·27	12
18	Tues.	9	12 ·13	8 ·50	11	17	Fri.	8	13 ·80	13 ·87	11	16	Wed.	8	P ·28	19 ·24	13
19	Wed.	10	13 ·06	9 ·45	12	18	Sat.	9	14 ·70	14 ·80	12	17	Thur.	9	1 ·26	20 ·25	14
			14 ·98			19	Sun.	10	P ·60	15 ·74	13	18	Fri.	10	2 ·24	21 ·26	15
20	Thur.	11	P ·90	10 ·39	13	20	Mon.	11	1 ·51	16 ·68	14	19	Sat.	11	3 ·26	22 ·30	16
21	Fri.	12	1 ·81	11 ·33	14	21	Tues.	12	2 ·43	17 ·64	15	20	Sun.	12	4 ·29	23 ·35	17
22	Sat.	13	2 ·71	12 ·25	15	22	Wed.	13	3 ·37	18 ·61	16	21	Mon.	13	5 ·33	24 ·43	18
23	Sun.	14	3 ·61	13 ·19	16	23	Thur.	14	4 ·31	19 ·59	17	22	Tues.	14	6 ·34	25 ·53	19
24	Mon.	15	4 ·51	14 ·13	17	24	Fri.	15	5 ·28	20 ·60	18	23	Wed.	15	7 ·46	26 ·63	20
25	Tues.	16	5 ·41	15 ·06	18	25	Sat.	16	6 ·27	21 ·62	19	24	Thur.	16	8 ·53	27 ·74	21
				16 ·01		26	Sun.	17	7 ·28	22 ·68	20	25	Fri.	17	9 ·64	1 ·84	22
26	Wed	17	6 ·34	17 ·97	19	27	Mon.	18	8 ·32	23 ·74	21	26	Sat.	18	10 ·71	2 ·94	23
			Bahula.			28	Tues.	19	9 ·36	24 ·82	22	27	Sun.	19	11 ·77	... ...	24
27	Thur.	18	7 ·27	18 ·96	20	29	Wed.	20	10 ·43	25 ·92	23	28	Mon.	20	12 ·82	3 ·03	25
28	Fri.	19	8 ·23	19 ·95	21	30	Thur.	21	11 ·51	... ...	24	29	Tues.	21	13 ·83	4 ·09	26
29	Sat.	20	9 ·20	20 ·98	22	31	Fri.	22	12 ·60	26 ·03	25	30	Wed.	22	14 ·84	5 ·14	27
30	Sun.	21	10 ·19	21 ·99	23	1	Sat.	23	13 ·68	27 ·14	26	31	Thur.	23	A ·82	6 ·16	28
1	Mon.	22	11 ·21	... ...	24	2	Sun.	24	14 ·76	1 ·24	27	32	Fri.	24	1 ·78	7 ·17	29
2	Tues.	23	12 ·25	22 ·05	25	3	Mon.	25	A ·82	2 ·33	28	1	Sat.	25	2 ·73	8 ·15	1
3	Wed.	24	13 ·30	23 ·12	26	4	Tues.	26	1 ·86	3 ·41	29	2	Sun.	26	3 ·65	9 ·13	2
4	Thur	25	14 ·37	24 ·22	27	5	Wed.	27	2 ·88	4 ·46	1	3	Mon.	27	4 ·57	10 ·08	3
5	Fri.	26	A ·16	25 ·32	28	6	Thur.	28	3 ·88	5 ·51	2					11 ·02	
6	Sat.	27	1 ·53	26 ·43	29	7	Fri.	29	4 ·86	6 ·52	3	4	Tues.	28	5 ·48	12 ·06	4
7	Sun.	28	2 ·63	27 ·53	1	8	Sat.	30	5 ·82	7 ·52	4	5	Wed.	29	6 ·38	13 ·89	5
8	Mon.	29	3 ·71	1 ·63	2							6	Thur.	30	7 ·28	14 ·83	6

Naksh: – 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1020. **Kollam 196,** { **N. Malabar—Aug.** **Hijra 411.** **Vikrama 1077.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Apr. 27.** **Bengal San. 426.**
P—Paurnimā. **(N. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Fri.	1	8 ·18	15 ·76	7	7	Thur.	1	12 ·79	22 ·24	10	7	Tues.	1	13 ·30	1 ·34	12
8	Sat.	2	9 ·08 / 10 ·98	16 ·69	8	8	Fri.	2	13 ·81	23 ·29	11	8	Wed.	2	14 ·38	2 ·45	13
9	Sun.	3	11 ·90	17 ·64	9	9	Sat.	3	14 ·86	24 ·35	12	9	Thur.	3	P ·46	3 ·55	14
10	Mon.	4	12 ·83	18 ·60	10	10	Sun. ○	4	P ·92	25 ·43	13	10	Fri.	4	1 ·58	4 ·64	15
11	Tues.	5	13 ·77	19 ·58	11	11	Mon.	5	... ...	26 ·53	14	11	Sat.	5	2 ·60	5 ·71	16
12	Wed.	6	14 ·74	20 ·57	12	12	Tues.	6	1 ·00	27 ·63	15	12	Sun.	6	3 ·62	6 ·75	17
13	Thur.	7	P ·72	21 ·58	13	13	Wed.	7	2 ·08	1 ·75	16	13	Mon.	7	4 ·62	7 ·78	18
14	Fri.	8	1 ·74	22 ·62	14	14	Thur.	8	3 ·17	2 ·85	17	14	Tues.	8	5 ·61	8 ·79	19
15	Sat.	9	2 ·76	23 ·66	15	15	Fri.	9	4 ·25	3 ·94	18	15	Wed.	9	6 ·58	9 ·77	20
16	Sun.	10	3 ·80	24 ·73	16	16	Sat.	10	5 ·32	... ...	19	16	Thur	10	7 ·53	10 ·75	21
17	Mon	11	4 ·87	25 ·83	17	17	Sun.	11	6 ·36	4 ·02	20	17	Fri.	11	8 ·45	11 ·71	22
18	Tues.	12	5 ·95	26 ·93	18	18	Mon.	12	7 ·39	5 ·08	21	18	Sat.	12	9 ·37	12 ·65	23
19	Wed.	13			19	19	Tues.	13	8 ·41	6 ·13	22	19	Sun.	13	10 ·29	13 ·59	24
20	Thur.	14	6 ·04	27 ·03	20	20	Wed.	14	9 ·40	7 ·14	23	20	Mon.	14	11 ·19	14 ·52	25
21	Fri.	15	7 ·12	1 ·14	21	21	Thur.	15	10 ·37	8 ·14	24	21	Tues.	15	12 ·09	15 ·46	26
22	Sat.	16	8 ·19	2 ·24	22	22	Fri.	16	11 ·31	9 ·12	25	22	Wed.	16	13 ·00 / 14 ·91	16 ·39	27
23	Sun.	17	9 ·25	3 ·34	23	23	Sat.	17	12 ·25	10 ·08	26	23	Thur.	17	—A ·82	17 ·32	28
24	Mon.	18	10 ·30	4 ·40	24	24	Sun.	18	13 ·16	11 ·04 / 12 ·98	27	24	Fri.	18	1 ·75	18 ·27	29
25	Tues.	19	11 ·32	5 ·45	25	25	Mon.	19	14 ·07 / A ·97	13 ·91	28	25	Sat.	19	2 ·66	19 ·22	—30
26	Wed.	20	12 ·33	6 ·48	26							26	Sun.	20	3 ·63	20 ·20	1
27	Thur.	21	13 ·31	7 ·49	27	26	Tues.	20	1 ·87	14 ·84	29	27	Mon.	21	4 ·60	21 ·19	2
28	Fri.	22	14 ·28	8 ·49	28	27	Wed.	21	2 ·77	15 ·77	—30	28	Tues.	22	5 ·58	22 ·20	3
29	Sat.	23	—A ·23	9 ·46	29	28	Thur.	22	3 ·67	16 ·70	1	29	Wed.	23	6 ·61	23 ·23	4
30	Sun.	24	1 ·15	10 ·41	—30	29	Fri.	23	4 ·59	17 ·65	2	1	Thur.	24	7 ·64	24 ·27	5
—31	Mon.	25	2 ·07 / 3 ·97	11 ·36	1	30	Sat.	24	5 ·51	18 ·60	3	2	Fri.	25	8 ·70	25 ·35	6
1	Tues.	26	4 ·87	12 ·30	2	—31	Sun.	25	6 ·45	19 ·56	4	3	Sat.	26	9 ·77	26 ·44	7
2	Wed.	27	5 ·77	13 ·24	3	1	Mon.	26	7 ·39	20 ·54	5	4	Sun.	27	10 ·87	27 ·53	8
3	Thur.	28	6 ·67	14 ·17	4	2	Tues.	27	8 ·37	21 ·54	6	5	Mon.	28	11 ·96	1 ·64	9
4	Fri.	29	7 ·57	15 ·10	5	3	Wed.	28	9 ·35	22 ·56	7	6	Tues.	29	... ...	2 ·75	10
5	Sat.	30	8 ·48	16 ·03 / 17 ·97	6	4	Thur.	29	10 ·37	23 ·60	8	7	Wed.	30	12 ·04	3 ·85	11
6	Sun.	31	9 ·40	18 ·94	7	5	Fri.	30	11 ·39	24 ·66	9						
	Aug.						**Oct.**						**Dec.**				
7	Mon.	1	10 ·34	19 ·91	8	6	Sat.	1	12 ·44	25 ·73	10	8	Thur.	1	13 ·12	4 ·94	12
8	Tues.	2	11 ·28	20 ·89	9	7	Sun.	2	13 ·52	26 ·83	11	9	Fri.	2	14 ·19	... ...	13
9	Wed.	3	12 ·24	21 ·90	10	8	Mon.	3	14 ·60	27 ·94	12	10	Sat.	3	P ·24	5 ·02	14
10	Thur.	4	13 ·23	22 ·92	11	9	Tues.	4	P ·68	... ...	13	11	Sun.	4	1 ·26	6 ·07	15
11	Fri.	5	14 ·25	23 ·97	12	10	Wed.	5	1 ·77	1 ·04	14	12	Mon.	5	2 ·28	7 ·10	16
12	Sat.	6	P ·27	... ...	13	11	Thur.	6	2 ·85	2 ·15	15	13	Tues.	6	3 ·26	8 ·11	17
13	Sun.	7	1 ·32	24 ·05	14	12	Fri.	7	3 ·91	3 ·24	16	14	Wed.	7	4 ·23	9 ·11	18
14	Mon.	8	2 ·38	25 ·13	15	13	Sat.	8	4 ·96	4 ·33	17	15	Thur.	8	5 ·17	10 ·08 / 11 ·04	19
15	Tues.	9	3 ·46	26 ·23	16	14	Sun.	9	... ...	5 ·40	18	16	Fri.	9	6 ·10	12 ·99	20
16	Wed.	10	4 ·54	27 ·33	17	15	Mon.	10	5 ·00	6 ·44	19						
17	Thur.	11	5 ·62	1 ·44	18	16	Tues.	11	6 ·00 / 7 ·99	7 ·46	20	17	Sat.	10	7 ·03 / 8 ·93	13 ·93	21
18	Fri.	12	6 ·70	2 ·55	19							18	Sun.	11	9 ·83	14 ·87	22
19	Sat.	13	7 ·77	3 ·64	20	17	Wed.	12	8 ·95	8 ·46	21	19	Mon.	12	10 ·74	15 ·80	23
20	Sun.	14	8 ·81	4 ·71	21	18	Thur.	13	9 ·91	9 ·45	22	20	Tues.	13	11 ·65	16 ·73	24
21	Mon.	15	9 ·83	5 ·77	22	19	Fri.	14	10 ·85	10 ·41	23	21	Wed.	14	12 ·56	17 ·66	25
22	Tues.	16	10 ·85	6 ·80	23	20	Sat.	15	11 ·76	11 ·38	24	22	Thur.	15	13 ·47	18 ·60	26
23	Wed.	17	11 ·83	7 ·82	24	21	Sun.	16	12 ·67	12 ·32	25	23	Fri.	16	14 ·39	19 ·57	27
24	Thur.	18	12 ·81	8 ·81	25	22	Mon.	17	13 ·58	13 ·25	26	24	Sat.	17	—A ·33	20 ·53	28
25	Fri.	19	13 ·75	9 ·79	26	23	Tues.	18	14 ·48	14 ·18	27	25	Sun.	18	1 ·29	21 ·52	—29
26	Sat.	20	14 ·69	10 ·75	27	24	Wed.	19	—A ·38	15 ·11	28	26	Mon.	19	2 ·26	22 ·52	1
27	Sun.	21	—A ·60	11 ·69	28	25	Thur.	20	1 ·29	16 ·05 / 17 ·99	—29	27	Tues.	20	3 ·25	23 ·54	2
28	Mon.	22	1 ·51	12 ·64	29							28	Wed.	21	4 ·27	24 ·58	3
29	Tues.	23	2 ·41	13 ·57	1	26	Fri.	21	2 ·20	18 ·94	1	29	Thur.	22	5 ·30	25 ·66	4
30	Wed.	24	3 ·31	14 ·50	2	27	Sat.	22	3 ·11	19 ·89	2	—30	Fri.	23	6 ·36	26 ·74	5
—31	Thur.	25	4 ·21	15 ·43	3	28	Sun.	23	4 ·05	20 ·87	3	1	Sat.	24	7 ·44	27 ·83	6
1	Fri.	26	5 ·11	16 ·37	4	29	Mon.	24	5 ·00 / 6 ·98	21 ·87	4	2	Sun.	25	8 ·52	1 ·94	7
2	Sat.	27	6 ·02 / 7 ·95	17 ·31	5	—30	Tues.	25	7 ·96	22 ·88	5	3	Mon.	26	9 ·61	... ...	8
3	Sun.	28	8 ·88	18 ·27	6	1	Wed.	26	8 ·99	23 ·91	6	4	Tues.	27	10 ·70	2 ·04	9
4	Mon.	29	9 ·81	19 ·24	7	2	Thur.	27	... ...	24 ·97	7	5	Wed.	28	11 ·78	3 ·16	10
5	Tues.	30	10 ·78	20 ·22	8	3	Fri.	28	9 ·02	... ...	8	6	Thur.	29	12 ·85	4 ·25	11
6	Wed.	31	11 ·77	21 ·22	9	4	Sat.	29	10 ·07	25 ·04	9	7	Fri.	30	13 ·88	5 ·32	12
						5	Sun.	30	11 ·13	26 ·14	10	8	Sat.	31	14 ·90	6 ·38	13
						6	Mon.	31	12 ·21	27 ·24	11						

Raudra. Kan.—Pur. — H. 411 Jamādā'l awwal. — Raudra. Siṅha—Āvaṇi. — H. 411 Rabī-ul ākhir. — Raudra. Tulā—Aippaśi. — H. 411 Rabī-ul awwal. — Raudra. Kanyā—Puraṭṭāśi. — H. 411 Rabī-ul awwal. — Raudra. Karkaṭaka—Ādi. — H. 411 Rabī-ul awwal. — Raudra. Mithuna—Tai. — H. 411 Jamādā'l ākhir. — Raudra. Makara—Tai. — H. 411 Rajab. — Raudra. Vṛiśchika—Kārttigai. — H. 411 Jomādā'l awwal. — Raudra. Dhanus—Mārgali. — H. 411 Jamādā'l ākhir. — Raudra. Mīna—Māsi. — H. 411 Rajab. — Raudra. Kumbha—Phālguna. — H. 411 Sha'bān. — Raudra. Mīna—Chittirai. — H. 411 Ramazān.

Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla.

Nija Āshādha. — Śrāvaṇa. — Bhād. — Āśvina. — Kārttika. — Mārgaśirsha. — Pausha.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1021. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·17.** **Śaka 943.** **Kaliyuga 4122.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·13.** **(S. Cycle) Durmati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	P ·93	7 ·42	14	9	Wed ○ 1	14 ·02 / P ·94	11 ·05	14	9	Mon. 1	2 ·42	18 ·29	15
10	Mon. 2	1 ·90	8 ·44	15						10	Tues. 2	3 ·32	19 ·23	16
11	Tues. 3	2 ·87	9 ·44	16	10	Thur. 2	1 ·86	12 ·00 / 13 ·95	15	11	Wed. 3	4 ·25	20 ·19	17
12	Wed. 4	3 ·81	10 ·41	17			*Bahula.* Phalguna.			12	Thur. 4	5 ·18	21 ·16	18
13	Thur. 5	4 ·74	11 ·38	18	11	Fri. 3	2 ·76	14 ·88	16	13	Fri. 5	6 ·14	22 ·14	19
14	Fri. 6	5 ·66	12 ·32	19	12	Sat. 4	3 ·66	15 ·81	17	14	Sat. 6	7 ·10	23 ·14	20
15	Sat. 7	6 ·57	13 ·27	20	13	Sun. 5	4 ·56	16 ·74	18	15	Sun. 7	8 ·09	24 ·16	21
16	Sun. 8	7 ·47	14 ·21	21	14	Mon. 6	5 ·46	17 ·68	19	16	Mon. 8	9 ·10	25 ·21	22
17	Mon. 9	8 ·37	15 ·14	22	15	Tues. 7	6 ·37	18 ·62	20	17	Tues. 9	10 ·13	26 ·27	23
18	Tues. 10	9 ·27	16 ·07	23	16	Wed. 8	7 ·28	19 ·56	21	18	Wed. 10	11 ·19	27 ·35	24
19	Wed. 11	10 ·18	17 ·00 / 18 ·95	24	17	Thur. 9	8 ·20	20 ·52	22	19	Thur. 11	12 ·26	1 ·44	25
		Bahula.					*Bahula.* Phalguna.					*Bahula.* Vaiśākha.		
20	Thur. 12	11 ·09	19 ·90	*H.* 411 25	18	Fri. 10	9 ·14	21 ·49	*H.* 411 23	20	Fri. 12	13 ·34	2 ·54	*H.* 412 26
21	Fri. 13	12 ·02 / 13 ·96	20 ·86	26	19	Sat. 11	10 ·10	22 ·49	24	21	Sat. 13	14 ·42	3 ·65	27
22	Sat. 14	14 ·92	21 ·84	27	20	Sun. 12	11 ·08	23 ·50	25	22	Sun. 14	—A ·50	4 ·76	28
23	Sun. 15	—A ·89	22 ·84	28	21	Mon. 13	12 ·06	24 ·53	26	23	Mon. 15	1 ·57	5 ·86	29
24	Mon. 16	1 ·88	23 ·86	29	22	Tues. 14	13 ·09	25 ·58	27	24	Tues. 16	2 ·62	6 93	—30
25	Tues. 17	2 ·90	24 ·90	—30	23	Wed. 15	14 ·12	26 ·65	28	25	Wed. 17	3 ·66	7 ·99	1
26	Wed. 18	3 ·95	25 ·96	1	24	Thur. 16	—A ·16	27 ·74	29	26	Thur. 18	4 ·68	... ...	2
27	Thur. 19	... ...	... ...	2	25	Fri. 17	1 ·24	1 ·84	—30	27	Fri. 19	5 ·69	8 ·03	3
28	Fri. 20	4 ·00	26 ·04	3	26	Sat. 18	2 ·32	2 ·95	1	28	Sat. 20	6 ·66	9 ·06	4
—29	Sat. 21	5 ·07	27 ·13	4	27	Sun. 19	3 ·41	... ...	2	29	Sun. 21	7 ·63	10 ·06	5
1	Sun. 22	6 ·15	1 ·24	5	28	Mon. 20	4 ·49	3 ·05	3	30	Mon. 22	8 ·57	11 ·04	6
		Sukla.			29	Tues. 21	5 ·57	4 ·15	4				12 ·00 / 13 ·96	
2	Mon. 23	7 ·24	2 ·35	6	—30	Wed. 22	6 ·62	5 ·25	5	—31	Tues. 23	9 ·50		7
							Sukla. Chaitra.					*Sukla.* Jyeshtha.		
3	Tues. 24	8 ·33	3 ·46	7	1	Thur. 23	7 ·67	6 ·32	6	1	Wed. 24	10 ·41	14 ·91	8
4	Wed. 25	9 ·40	4 ·55	8	2	Fri. 24	8 ·68	7 ·37	7	2	Thur. 25	11 ·31	15 ·84	9
5	Thur. 26	10 ·47	5 ·63	9	3	Sat. 25	9 ·68	8 ·40	8	3	Fri. 26	12 ·21	16 ·77	10
6	Fri. 27	11 ·51	6 ·69	10	4	Sun. 26	10 ·67	9 ·41	9	4	Sat. 27	13 ·11	17 ·70	11
7	Sat. 28	12 ·54	7 ·74	11	5	Mon. 27	11 ·63	10 ·40	10					
8	Sun. 29	13 ·54	8 ·76	12	6	Tues. 28	12 ·56	11 ·38	11	5	Sun. 28	14 ·01 / P ·91	18 ·63	12
9	Mon. 30	14 ·52	9 ·76	13	7	Wed. 29	13 ·48	12 ·34	12	6	Mon. 29	1 ·81	19 ·58	13
10	Tues. 31	P ·49	10 ·74	14	8	Thur. 30	14 ·40	13 ·28	13	7	Tues. 30	2 ·73	20 ·53	14
		Bahula. Magha.			9	Fri. 31	P ·31	14 ·22	14	8	Wed. 31	3 ·66	21 ·49	15
	Feb.					**April.**					**June.**			
11	Wed. 1	1 ·42	11 ·71	15	10	Sat. 1	1 ·21	15 ·15	15	9	Thur. 1	4 ·61	22 ·46	16
12	Thur. 2	2 ·35	12 ·67	16	11	Sun. 2	2 ·11	16 ·09	16	10	Fri. 2	5 ·58	23 ·46	17
13	Fri. 3	3 ·28	13 ·61	17						11	Sat. 3	6 ·57	24 ·48	18
14	Sat. 4	4 ·19	14 ·54	18	12	Mon. 3	3 ·01 / 4 ·91	17 ·02 / 18 ·96	17	12	Sun. 4	7 ·58	25 ·52	19
		Bahula.					*Bahula.*					*Bahula.*		
15	Sun. 5	5 ·09 / 6 ·99	15 ·47	19	13	Tues. 4	5 ·81	19 ·90	18	13	Mon. 5	8 ·61	26 ·57	20
16	Mon. 6	7 ·89	16 ·40	20	14	Wed. 5	6 ·74	20 ·85	19	14	Tues. 6	9 ·66	27 ·65	21
17	Tues. 7	8 ·79	17 ·34	21	15	Thur. 6	7 ·67	21 ·83	20	15	Wed. 7	10 ·73	1 ·74	22
18	Wed. 8	9 ·70	18 ·28	22	16	Fri. 7	8 ·63	22 ·81	21	16	Thur. 8	11 ·80	2 ·84	23
19	Thur. 9	10 ·62	19 ·23	23	17	Sat. 8	9 ·60	23 ·82	22	17	Fri. 9	12 ·88	3 ·96	24
20	Fri. 10	11 ·57	20 ·19	24	18	Sun. 9	10 ·58	24 ·84	23	18	Sat. 10	13 ·96	... ...	25
21	Sat. 11	12 ·53	21 ·17	25	19	Mon. 10	11 ·61	25 ·89	24	19	Sun. 11	... ...	4 ·06	26
22	Sun. 12	13 ·51	22 ·16	26	20	Tues. 11	12 ·64	26 ·96	25	20	Mon. 12	14 ·04	5 ·16	27
23	Mon. 13	14 ·49	23 ·18	27	21	Wed. 12	13 ·70	... ...	26	21	Tues. 13	—A ·10	6 ·24	28
24	Tues. 14	—A ·50	24 ·22	28	22	Thur. 13	14 ·76	27 ·04	27	22	Wed. 14	1 ·14	7 ·30	—29
25	Wed. 15	1 ·55	25 ·27	—29	23	Fri. 14	—A ·84	1 ·14	28	23	Thur. 15	2 ·16	8 ·36	1
26	Thur. 16	2 ·60	26 ·34	1	24	Sat. 15	1 ·92	2 ·25	29	24	Fri. 16	3 ·16	9 ·38	2
27	Fri. 17	3 ·68	27 ·43	2	25	Sun. 16	... ...	3 ·35	—30	25	Sat. 17	4 ·14	10 ·38	3
28	Sat. 18	4 ·76	1 ·54	3	26	Mon. 17	2 ·00	4 ·46	1	26	Sun. 18	5 ·11	11 ·37	4
29	Sun. 19	5 ·85	2 ·65	4	27	Tues. 18	3 ·08	5 ·55	2					
		Sukla.			28	Wed. 19	4 ·14	6 ·63	3	27	Mon. 19	6 04 / 7 ·97	12 ·34	5
—30	Mon 20	6 ·93	3 ·76	5	29	Thur. 20	5 ·18	7 ·68	4			*Sukla.*		
1	Tues. 21	... ...	4 ·85	6	30	Fri. 21	6 ·19	8 ·72	5	28	Tues. 20	8 ·88	13 ·30	6
2	Wed. 22	7 ·00	5 ·94	7			*Sukla.*			29	Wed. 21	9 ·78	14 ·24	7
3	Thur. 23	8 07	... ...	8	31	Sat. 22	7 ·20	9 ·73	6	30	Thur. 22	10 ·68	15 ·18	8
4	Fri. 24	9 ·11	6 ·01	9	1	Sun. 23	8 ·18	10 ·74	7	31	Fri. 23	11 ·58	16 ·11	9
5	Sat. 25	10 ·14	7 ·06	10	2	Mon. 24	9 ·14	11 ·71	8					
6	Sun. 26	11 ·13	8 ·08	11						32	Sat. 24	12 ·48	17 ·04 / 18 ·98	10
7	Mon. 27	12 ·12	9 ·09	12			Vaisāk							
8	Tues. 28	13 ·07	10 ·07	13	3	Tues. 25	10 ·07 / 11 ·99	12 ·67	9	1	Sun. 25	13 ·38	19 ·91	11
		Sukla. Phalguna.								2	Mon. 26	14 ·29	20 ·86	12
					4	Wed. 26	12 ·91	13 ·62	10	3	Tues. 27	P ·21	21 ·82	13
					5	Thur. 27	13 ·82	14 ·56	11	4	Wed. 28	1 ·14	22 ·79	14
					6	Fri. 28	14 ·72	15 ·50	12	5	Thur. 29	2 ·09	23 ·78	15
					7	Sat. 29	P ·62	16 ·43	13	6	Fri. 30	3 ·06	24 ·80	16
					8	Sun. 30	1 ·52	17 ·36	14					

Raudra. Makara—Tai. | *Raudra.* Kumbha—Māsi. | *Durmati.* Vṛish.—Vaigāsi. | *Raudra.* Mīna—Pāṅguni. | *Durmati.* Mēsha—Chittirai. | *Durmati.* Vrishabha—Vaigāsi. | *Durmati.* Mithuna—Āni. | *Durmati.* Kark.—Ādi.

H. 411 *Zi-l-ka'da.* | *H.* 411 *Zi-l-hijja.* | *H.* 412 *Muharram.* | *H.* 412 *Safar.* | *H.* 412 *Rabi-ul awwal.*

H. 411 *Ramaẓān.* | *H.* 411 *Shawwal.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1021. **Kollam 197,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 412.** **Vikrama 1078.**
A—Amāvāsyā. Commences Commences **Apr. 17.** **Bengal San. 427.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sat.	1	4 ·05	25 ·83	17	6	Fri.	1	7 ·48	... ...	20	7	Wed.	1	9 ·90	10 ·00	22
8	Sun.	2	5 ·05	26 ·88	18	7	Sat.	2	8 ·56	5 ·07	21				10 ·87	11 ·01	
9	Mon.	3	6 ·08	27 ·95	19	8	Sun.	3	9 ·63	6 ·16	22	8	Thur.	2	11 ·99	12 ·99	23
10	Tues.	4	7 ·13	... ...	20	9	Mon.	4	10 ·68	7 ·24	23	9	Fri.	3	11 ·81	13 ·96	24
11	Wed.	5	8 ·20	1 ·04	21	10	Tues.	5	11 ·70	8 30	24	10	Sat.	4	12 ·75	14 ·93	25
12	Thur.	6	9 ·27	2 ·15	22	11	Wed.	6	12 ·71	9 ·34	25	11	Sun.	5	13 ·67	15 ·87	26
13	Fri.	7	10 ·36	3 ·26	23	12	Thur.	7	13 ·69	10 ·35	26	12	Mon.	6	14 ·58	16 ·81	27
14	Sat.	8	11 ·45	4 36	24	13	Fri.	8	14 ·66	11 ·36	27	13	Tues.	7	—**A** ·49	17 ·74	28
15	Sun.	9	12 ·52	5 ·46	25	14	Sat.	9	—**A** ·61	12 ·34	28	14	Wed.	8	1 ·39	18 67	29
16	Mon.	10	13 ·57	6 ·55	26	15	Sun.	10	1 ·53	13 ·30	29	15	Thur.	9	2 ·29	19 ·61	—30
17	Tues.	11	14 ·60	7 ·62	27	16	Mon.	11	2 ·45	14 ·25	—30	16	Fri.	10	3 ·19	20 ·54	1
18	Wed.	12	—**A** ·65	8 ·67	28	17	Tues.	12	3 ·36	15 ·19	1	17	Sat.	11	4 ·10	21 ·49	2
19	Thur.	13	1 ·65	9 ·70	29	18	Wed.	13	4 ·27	16 ·13	2				5 ·03		
20	Fri.	14	2 ·64	10 ·71	—30					17 ·06		18	Sun.	12	6 ·97	22 ·44	3
21	Sat.	15	3 ·59	11 ·70	1	19	Thur.	14	5 ·17	18 ·99	3	19	Mon.	13	7 ·92	23 ·41	4
22	Sun.	16	4 ·54	12 ·68	2				6 ·07	19 ·92		20	Tues.	14	8 ·89	24 ·41	5
23	Mon.	17	5 ·47	13 ·63	3	20	Fri.	15	7 ·97		4	21	Wed.	15	9 ·90	25 ·42	6
24	Tues.	18	6 ·38	14 ·58	4	21	Sat.	16	8 ·88	20 ·86	5	22	Thur.	16	10 ·91	26 ·45	7
25	Wed.	19	7 ·29	15 ·51	5	22	Sun.	17	9 ·81	21 ·82	6	23	Fri.	17	11 ·95	27 ·49	8
26	Thur.	20	8 ·19	16 ·44	6	23	Mon.	18	10 ·74	22 78	7	24	Sat.	18	... ...	1 ·56	9
27	Fri.	21	9 ·09	17 ·37	7	24	Tues.	19	11 ·69	23 ·76	8	25	Sun.	19	12 ·00	2 ·65	10
			10 ·99			25	Wed.	20	12 ·66	24 ·76	9	26	Mon.	20	13 ·08	3 ·76	11
28	Sat.	22	11 ·89	18 ·31	8	26	Thur.	21	13 ·64	25 ·77	10	27	Tues.	21	14 ·16	4 ·86	12
29	Sun.	23	12 ·79	19 ·25	9	27	Fri.	22	14 ·66	26 ·82	11	28	Wed.	22	**P** ·25	5 ·97	13
30	Mon.	24	13 ·71	20 ·19	10	28	Sat.	23	**P** ·68	27 ·88	12	—29	Thur.	23	1 ·34	.. ...	14
31	Tues.	25	14 ·65	21 ·15	11	29	Sun.	24	1 ·74	1 ·95	13	1	Fri.	24	2 ·42	6 ·07	15
—32	Wed.	26	**P** ·59	22 ·12	12	—30	Mon.	25	2 ·81	... ...	14	2	Sat.	25	3 ·49	7 ·16	16
1	Thur.	27	1 ·57	23 ·11	13	1	Tues.	26	3 ·90	2 ·05	15	3	Sun.	26	4 ·53	8 ·24	17
2	Fri.	28	2 ·55	24 ·12	14	2	Wed.	27	4 ·99	3 ·15	16	4	Mon.	27	5 ·55	9 ·29	18
3	Sat.	29	3 ·56	25 ·14	15	3	Thur.	28	... ...	4 ·26	17	5	Tues.	28	6 ·55	10 ·32	19
4	Sun.	30	4 ·58	26 ·19	16	4	Fri.	29	5 ·07	5 37	18	6	Wed.	29	7 ·55	11 ·33	20
5	Mon.	31	5 ·63	27 ·26	17	5	Sat.	30	6 ·15	6 ·47	19	7	Thur.	30	8 ·51	12 ·32	21
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	6 ·70	1 ·35	18	6	Sun.	1	7 ·21	7 ·55	20	8	Fri.	1	9 ·45	13 ·30	22
7	Wed.	2	7 78	2 ·45	19	7	Mon.	2	8 ·26	8 ·61	21	9	Sat.	2	10 39	14 ·26	23
8	Thur.	3	8 ·86	3 ·55	20	8	Tues.	3	9 ·28	9 65	22	10	Sun.	3	11 ·30	15 ·21	24
9	Fri.	4	9 ·94	4 ·66	21	9	Wed.	4	10 ·30	10 ·68	23	11	Mon.	4	12 ·21	16 ·15	25
10	Sat.	5	.. ...	5 ·76	22	10	Thur.	5	11 ·28	11 ·68	24	12	Tues.	5	13 ·12	17 ·08	26
11	Sun.	6	10 ·03	6 ·86	23	11	Fri.	6	12 ·25	12 ·67	25	13	Wed.	6	14 ·03	18 ·02	27
12	Mon.	7	11 ·09	7 ·93	24	12	Sat.	7	13 ·20	13 ·63	26				**A** ·93	19 ·95	
13	Tues.	8	12 ·12	8 ·99	25	13	Sun.	8	14 ·12	14 ·58	27	14	Thur.	7	1 ·83	20 ·88	28
14	Wed.	9	13 ·15	.. ...	26	14	Mon.	9	**A** ·04	15 ·54	28	15	Fri.	8	2 ·75	21 ·82	—29
15	Thur.	10	14 ·16	9 ·02	27				1 ·95			16	Sat.	9	3 ·67	22 ·78	1
16	Fri. ●	11	—**A** ·15	10 ·03	28	15	Tues.	10	2 ·86	16 ·47	—29	17	Sun.	10	4 ·61	23 ·74	2
17	Sat.	12	1 ·11	11 03	—29	16	Wed.	11	3 ·76	17 ·40	1	18	Mon.	11	5 ·57	24 ·74	3
18	Sun.	13	2 ·06	12 ·01	1	17	Thur.	12	4 66	18 ·33	2	19	Tues.	12	6 ·55	25 ·74	4
			3 ·98	13 ·97		18	Fri.	13	5 ·56	19 ·26	3	20	Wed.	13	7 54	26 ·76	5
19	Mon.	14	4 ·90	14 91	2	19	Sat.	14	6 ·48	20 ·21	4	21	Thur.	14	8 ·55	27 ·80	6
20	Tues.	15	5 ·81	15 ·85	3	20	Sun.	15	7 ·41	21 ·15	5	22	Fri.	15	9 ·60	1 ·87	7
21	Wed.	16	6 ·71	16 ·78	4	21	Mon.	16	8 ·34	22 ·11	6	23	Sat.	16	10 ·65	2 ·96	8
22	Thur.	17	7 ·61	17 ·72	5	22	Tues.	17	9 ·29	23 ·09	7	24	Sun.	17	11 ·73	... ...	9
23	Fri.	18	8 ·51	18 ·65	6	23	Wed.	18	10 ·26	24 ·08	8	25	Mon.	18	12 ·82	3 ·05	10
24	Sat.	19	9 ·41	19 ·59	7	24	Thur.	19	11 ·26	25 ·10	9	26	Tues.	19	13 ·90	4 ·16	11
25	Sun.	20	10 ·32	20 ·53	8	25	Fri.	20	12 ·27	26 ·13	10	27	Wed.	20	14 ·99	5 ·27	12
26	Mon.	21	11 ·25	21 ·48	9	26	Sat.	21	13 ·30	27 ·19	11	28	Thur.	21	.. ...	6 ·37	13
27	Tues.	22	12 ·18	22 ·46	10	27	Sun.	22	14 35	1 ·26	12	29	Fri.	22	**P** ·06	7 ·47	14
28	Wed.	23	13 ·11	23 ·44	11	28	Mon.	23	**P** ·43	2 ·35	13	—30	Sat.	23	1 ·13	8 ·54	15
29	Thur.	24	14 ·09	24 ·44	12	29	Tues.	24	1 ·52	3 ·45	14	1	Sun.	24	2 ·17	9 ·60	16
30	Fri. ○	25	**P** ·07	25 ·46	13	—30	Wed.	25	2 ·61	4 ·56	15	2	Mon.	25	3 21	10 ·64	17
—31	Sat.	26	1 ·09	26 ·50	14	1	Thur.	26	3 ·69	5 ·67	16	3	Tues.	26	4 ·20	11 ·65	18
1	Sun.	27	2 ·11	27 ·57	15	2	Fri.	27	4 ·77	6 ·77	17	4	Wed.	27	5 ·19	12 ·66	19
2	Mon.	28	3 ·17	1 ·65	16	3	Sat.	28	5 ·84	7 ·85	18	5	Thur.	28	6 ·15	13 ·63	20
3	Tues.	29	4 ·23	2 ·75	17	4	Sun.	29	6 88	8 ·92	19	6	Fri.	29	7 ·10	14 60	21
4	Wed.	30	5 ·31	3 ·85	18	5	Mon.	30	7 ·90	9 ·98	20				8 ·02		
5	Thur.	31	6 ·40	4 ·96	19	6	Tues.	31	8 ·92	... ...	21	7	Sat.	30	9 93	15 ·54	22
												8	Sun.	31	10 ·84	16 ·48	23

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1022. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·43.** **Śaka 944.** **Kaliyuga 4123.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·39.** **(S. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Mon.	1	Bahula. 11 ·75	17 ·43	24	9	Thur.	1	11 ·59	22 ·78	24	9	Tues.	1	13 ·43	1 ·42	26
10	Tues.	2	12 ·66	18 ·36	25	10	Fri.	2	12 ·51	23 ·74	25	10	Wed.	2	14 ·48	2 ·48	27
11	Wed.	3	13 ·56	19 ·28	26	11	Sat.	3	13 ·44	24 ·71	26	11	Thur.	3	—A ·53	3 ·57	28
12	Thur.	4	14 ·47	20 ·22	27	12	Sun.	4	14 ·41	25 ·70	27	12	Fri.	4	1 ·59	4 ·66	29
13	Fri	5	—A ·38	21 ·16	28	13	Mon.	5	—A ·38	26 ·72	28	13	Sat.	5	2 ·68	5 ·76	—30
14	Sat.	6	1 ·30	22 ·11	29	14	Tues.	6	1 ·38	27 ·75	29	14	Sun.	6	3 ·76	6 ·87	1
15	Sun.	7	2 ·25	23 ·08	—30	15	Wed.	7	2 ·40	1 ·80	—30	15	Mon.	7	4 ·83	7 ·97	2
16	Mon.	8	3 ·21	24 ·06	1	16	Thur.	8	3 ·43	2 ·87	1	16	Tues.	8	5 ·90	... ...	3
17	Tues.	9	4 ·19	25 ·06	2	17	Fri.	9	4 ·49	3 ·95	2	17	Wed.	9	6 ·97	8 ·08	4
18	Wed.	10	5 ·18	26 ·08	3	18	Sat.	10	5 ·56	... ...	3	18	Thur.	10	... ...	9 ·16	5
19	Thur.	11	6 ·20	27 ·11	4	19	Sun.	11	6 ·64	4 ·06	4	19	Fri.	11	7 ·00	10 ·21	6
20	Fri.	12	7 ·24	1 ·18	5	20	Mon.	12	7 ·73	5 ·17	5	20	Sat.	12	8 ·02	11 ·25	7
21	Sat.	13	8 ·30	2 ·26	6	21	Tues.	13	8 ·82	6 ·27	6	21	Sun.	13	9 ·01	12 ·27	8
22	Sun.	14	9 ·37	3 ·35	7	22	Wed.	14	9 ·89	7 ·37	7	22	Mon.	14	10 ·00	13 ·28	9
23	Mon.	15	10 ·46	4 ·46	8	23	Thur.	15	10 ·96	8 ·46	8				11 ·95		
24	Tues.	16	11 ·54	5 ·56	9	24	Fri.	16	11 ·98	9 ·53	9	23	Tues.	15	12 ·89	14 ·26	10
25	Wed.	17	12 ·62	6 ·68	10	25	Sat.	17	12 ·99	10 ·59	10	24	Wed.	16	13 ·82	15 ·22	11
26	Thur.	18	13 ·70	7 ·77	11	26	Sun.	18	13 ·99	11 ·62	11	25	Thur.	17	14 ·73	16 ·17	12
27	Fri.	19	14 ·77	8 ·85	12	27	Mon.	19	14 ·97	12 ·63	12	26	Fri.	18	P ·63	17 ·11	13
28	Sat.	20	P ·82	9 ·91	13	28	Tues.	20	P ·92	13 ·62	13	27	Sat.	19	1 ·53	18 ·06	14
29	Sun.	21	1 ·83	10 ·95	14	29	Wed.	21	1 ·86	14 ·59	14					19 ·99	
1	Mon.	22	2 ·83	11 ·93	15	30	Thur.	22	2 ·80	15 ·56	15	28	Sun.	20	2 ·43	20 ·92	15
2	Tues.	23	3 ·82	12 ·98	16	1	Fri.	23	3 ·71	16 ·50	16	29	Mon.	21	3 ·33	21 ·85	16
3	Wed.	24	4 ·77	13 ·96	17	2	Sat.	24	4 ·61	17 ·44	17	30	Tues.	22	4 ·23	22 ·79	17
4	Thur.	25	5 ·71	14 ·93	18	3	Sun.	25	5 ·51	18 ·37	18	31	Wed.	23	5 ·14	23 ·74	18
5	Fri.	26	6 ·64	15 ·88	19	4	Mon.	26	6 ·41	19 ·30	19				6 ·05		
6	Sat.	27	7 ·56	16 ·82	20	5	Tues.	27	7 ·31	20 ·24	20	—32	Thur.	24	7 ·99	24 ·71	19
7	Sun.	28	8 ·47	17 ·76	21	6	Wed.	28	8 ·21	21 ·17	21	1	Fri.	25	8 ·94	25 ·63	20
8	Mon.	29	9 ·37	18 ·69	22	7	Thur.	29	9 ·13	22 ·12	22	2	Sat.	26	9 ·92	26 ·68	21
9	Tues.	30	10 ·27	19 ·62	23	8	Fri.	30	10 ·05	23 ·07	23	3	Sun.	27	10 ·90	27 ·69	22
10	Wed.	31	11 ·17	20 ·55	24				11 ·98			4	Mon.	28	11 ·92	1 ·73	23
						9	Sat.	31	12 ·95	24 ·04	24	5	Tues.	29	12 ·94	2 ·79	24
												6	Wed.	30	13 ·99	3 ·87	25
		Feb.						**April.**				7	Thur.	31	... ...	4 ·96	26
														June.			
11	Thur.	1	12 ·08	21 ·49	25	10	Sun.	1	13 ·92	25 ·03	25	8	Fri.	1	14 ·06	... ...	27
			13 ·99			11	Mon.	2	14 ·92	26 ·04	26	9	Sat.	2	—A ·14	5 ·06	28
12	Fri.	2	14 ·93	22 ·45	26	12	Tues.	3	—A ·94	27 ·06	27	10	Sun.	3	1 ·22	6 ·17	—29
13	Sat.	3	—A ·87	23 ·41	27	13	Wed.	4	1 ·98	1 ·11	28	11	Mon.	4	2 ·30	7 ·28	1
14	Sun.	4	1 ·83	24 ·39	28	14	Thur.	5	... ...	2 ·17	—29	12	Tues.	5	3 ·38	8 ·38	2
15	Mon.	5	2 ·80	25 ·38	—29	15	Fri.	6	2 ·02	3 ·25	1	13	Wed.	6	4 ·44	9 ·46	3
16	Tues.	6	3 ·79	26 ·39	1	16	Sat.	7	3 ·09	4 ·36	2	14	Thur.	7	5 ·48	10 ·53	4
17	Wed.	7	4 ·82	27 ·44	2	17	Sun.	8	4 ·18	5 ·47	3	15	Fri.	8	6 ·50	11 ·57	5
18	Thur.	8	5 ·85	1 ·49	3	18	Mon.	9	5 ·26	6 ·57	4	16	Sat.	9	7 ·49	12 ·60	6
19	Fri.	9	6 ·91	2 ·56	4	19	Tues.	10	6 ·34	7 ·67	5	17	Sun.	10	8 ·46	13 ·60	7
20	Sat.	10	7 ·99	3 ·65	5	20	Wed.	11	7 ·40	8 ·76	6	18	Mon.	11	9 ·42	14 ·59	8
21	Sun.	11	... ...	4 ·75	6	21	Thur.	12	8 ·47	9 ·85	7	19	Tues.	12	10 ·37	15 ·56	9
22	Mon.	12	8 ·08	5 ·87	7	22	Fri.	13	9 ·51	10 ·90	8	20	Wed.	13	11 ·29	16 ·51	10
23	Tues.	13	9 ·16	6 ·98	8	23	Sat.	14	10 ·53	11 ·94	9	21	Thur.	14	12 ·20	17 ·46	11
24	Wed.	14	10 ·24	... ...	9	24	Sun.	15	11 ·52	12 ·95	10	22	Fri.	15	13 ·10	18 ·40	12
25	Thur.	15	11 ·31	7 ·07	10	25	Mon.	16	12 ·49	13 ·94	11				14 ·00		
26	Fri.	16	12 ·37	8 ·16	11	26	Tues.	17	13 ·45	14 ·93	12	23	Sat.	16	P ·90	19 ·33	13
27	Sat.	17	13 ·42	9 ·22	12	27	Wed.	18	14 ·38	15 ·89	13	24	Sun.	17	1 ·80	20 ·26	14
28	Sun.	18	14 ·43	10 ·27	13	28	Thur.	19	P ·31	16 ·84	14	25	Mon.	18	2 ·71	21 ·19	15
29	Mon.	19	P ·43	11 ·30	14	29	Fri.	20	1 ·23	17 ·78	15	26	Tues.	19	3 ·62	22 ·12	16
—30	Tues.	20	1 ·41	12 ·31	15	30	Sat.	21	2 ·13	18 ·71	16	27	Wed.	20	4 ·54	23 ·08	17
1	Wed.	21	2 ·36	13 ·29	16				3 ·03			28	Thur.	21	5 ·47	24 ·04	18
2	Thur.	22	3 ·30	14 ·26	17	31	Sun.	22	4 ·93	19 ·65	17	29	Fri.	22	6 ·41	25 ·01	19
3	Fri.	23	4 ·24	15 ·21	18							30	Sat.	23	7 ·39	26 ·00	20
4	Sat.	24	5 ·15	16 ·17	19	1	Mon.	23	5 ·83	20 ·58	18	—31	Sun.	24	8 ·38	27 ·01	21
			6 ·06			2	Tues.	24	6 ·73	21 ·51	19	1	Mon.	25	9 ·40	1 ·05	22
5	Sun.	25	7 ·96	17 ·10	20	3	Wed.	25	7 ·64	22 ·45	20	2	Tues.	26	10 ·42	2 ·10	23
				18 ·03		4	Thur.	26	8 ·56	23 ·40	21	3	Wed.	27	11 ·47	3 ·17	24
6	Mon.	26	8 ·86	19 ·96	21	5	Fri.	27	9 ·51	24 ·38	22	4	Thur.	28	12 ·54	4 ·26	25
7	Tues.	27	9 ·77	20 ·89	22	6	Sat.	28	10 ·46	25 ·36	23	5	Fri.	29	13 ·61	5 ·36	26
8	Wed.	28	10 ·68	21 ·84	23	7	Sun.	29	11 ·43	26 ·36	24	6	Sat.	30	14 ·69	6 ·48	27
						8	Mon.	30	12 ·42	27 ·38	25						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1022. **Kollam 198,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 413.** Commences **Apr. 6.** **Vikrama 1079.** **Bengal San. 428.**

A—Amāvāsyā. **P—Paurnimā.** **(N. Cycle) Raktāksha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sun.	1	—**A** ·77	7 ·58	28	6	Sat.	1	3 ·96	14 ·57	1	7	Thur.	1	5 ·66	21 ·89	3
8	Mon.	2	1 ·86	8 ·68	29	7	Sun.	2	4 ·90	15 ·56	2	8	Fri.	2	6 ·56	22 ·82	4
9	Tues.	3	2 ·90	9 ·77	—30	8	Mon.	3	5 ·83	16 ·52	3	9	Sat.	3	7 ·47	23 ·75	5
10	Wed.	4	3 ·96	10 ·83	1	9	Tues.	4	6 ·75	17 ·47	4	10	Sun.	4	8 ·38	24 ·71	6
11	Thur.	5	4 ·98	11 ·89	2	10	Wed.	5	7 ·63	18 ·41	5	11	Mon.	5	9 ·31	25 ·66	7
12	Fri.	6	5 ·97	12 ·92	3	11	Thur.	6	8 ·56	19 ·34	6	12	Tues.	6	10 ·25	26 ·63	8
13	Sat.	7	6 ·95	13 ·93	4	12	Fri.	7	9 ·46	20 ·28	7	13	Wed.	7	11 ·20	27 ·62	9
14	Sun.	8	7 ·90	14 ·92	5	13	Sat.	8	10 ·36	21 ·21	8	14	Thur.	8	12 ·18	1 ·63	10
15	Mon.	9	8 ·85	15 ·89	6	14	Sun.	9	11 ·26	22 ·14	9	15	Fri.	9	13 ·18	2 ·67	11
16	Tues.	10	9 ·78	16 ·84	7	15	Mon.	10	12 ·17	23 ·08	10	16	Sat.	10	14 ·20	3 ·71	12
17	Wed.	11	10 ·70	17 ·80	8	16	Tues.	11	13 ·09	24 ·03	11	17	Sun.	11	**P** ·23	4 ·78	13
18	Thur.	12	11 ·61	18 ·73	9	17	Wed.	12	14 ·04	25 ·00	12	18	Mon.	12	1 ·29	5 ·87	14
19	Fri.	13	12 ·51	19 ·66	10				**P** ·99	26 ·98		19	Tues.	13	2 ·36	6 ·97	15
20	Sat.	14	13 ·41	20 ·59	11	18	Thur.	13	1 ·96	27 ·98	13	20	Wed.	14	3 ·44	... ...	16
21	Sun.	15	14 ·31	21 ·52	12	19	Fri.	14	2 ·96	1 ·99	14	21	Thur.	15	4 ·53	7 ·08	17
22	Mon. ○	16	**P** ·21	22 ·47	13	20	Sat.	15	3 ·96	... ...	15	22	Fri.	16	5 ·63	8 ·19	18
23	Tues.	17	1 ·12	23 ·41	14	21	Sun.	16	... ...	2 ·03	16	23	Sat.	17	6 ·70	9 ·29	19
24	Wed.	18	2 ·03	24 ·37	15	22	Mon.	17	4 ·00	3 ·09	17	24	Sun.	18	7 ·76	10 ·38	20
			3 ·97			23	Tues.	18	5 ·05	4 ·18	18	25	Mon.	19	8 ·82	11 ·45	21
25	Thur.	19	4 ·91	25 ·34	16	24	Wed.	19	6 ·12	5 ·27	19	26	Tues.	20	9 ·84	12 ·51	22
26	Fri.	20	5 ·88	26 ·32	17	25	Thur.	20	7 ·20	6 ·37	20	27	Wed.	21	10 ·84	13 ·54	23
27	Sat.	21	6 ·88	27 ·34	18	26	Fri.	21	8 ·29	7 ·48	21	28	Thur.	22	11 ·82	14 ·55	24
28	Sun.	22	7 ·88	1 ·36	19	27	Sat.	22	9 ·37	8 ·58	22	29	Fri.	23	12 ·78	15 ·54	25
29	Mon.	23	8 ·91	2 ·41	20	28	Sun.	23	10 ·45	9 ·69	23	—30	Sat.	24	13 ·73	16 ·51	26
30	Tues.	24	9 ·97	3 ·48	21	29	Mon.	24	11 ·51	10 ·77	24	1	Sun.	25	14 ·65	17 ·48	27
31	Wed.	25	... ...	4 ·56	22	—30	Tues.	25	12 ·55	11 ·83	25	2	Mon.	26	—**A** ·58	18 ·43	28
—32	Thur.	26	10 ·03	5 ·67	23	1	Wed.	26	13 ·59	12 ·87	26	3	Tues.	27	1 ·49	19 ·38	—29
1	Fri.	27	11 ·11	6 ·77	24	2	Thur.	27	14 ·59	13 ·89	27	4	Wed.	28	2 ·39	20 ·30	1
2	Sat.	28	12 ·20	7 ·88	25	3	Fri.	28	—**A** ·58	14 ·90	28	5	Thur.	29	3 ·29	21 ·23	2
3	Sun.	29	13 ·29	8 ·98	26	4	Sat.	29	1 ·53	15 ·89	—29	6	Fri.	30	4 ·19	22 ·16	3
4	Mon.	30	14 ·35	... ...	27	5	Sun.	30	2 ·48	16 ·85	1						
5	Tues.	31	—**A** ·40	9 ·07	28												
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	1 ·45	10 ·15	—29	6	Mon.	1	3 ·41	17 ·80	2	7	Sat.	1	5 ·10	23 ·10	4
7	Thur.	2	2 ·48	11 ·21	1	7	Tues.	2	4 ·32	18 ·75	3				6 ·01		
8	Fri.	3	3 ·48	12 ·24	2	8	Wed.	3	5 ·23	19 ·69	4	8	Sun.	2	7 ·95	24 ·04	5
9	Sat.	4	4 ·46	13 ·25	3	9	Thur.	4	6 ·14	20 ·62	5					25 ·00	
10	Sun.	5	5 ·41	14 ·24	4	10	Fri.	5	7 ·04	21 ·55		9	Mon.	3	8 ·89	26 ·96	6
11	Mon.	6	6 ·35	15 ·22	5				8 ·94		6	10	Tues.	4	9 ·85	27 ·95	7
12	Tues.	7	7 ·29	16 ·19	6	11	Sat.	6	9 ·85	22 ·48	7	11	Wed.	5	10 ·83	1 ·96	8
13	Wed.	8	8 ·21	17 ·13	7	12	Sun.	7	10 ·76	23 ·42	8	12	Thur.	6	11 ·82	2 ·98	9
14	Thur.	9	9 ·11	18 ·07	8	13	Mon.	8	11 ·68	24 ·37	9	13	Fri.	7	12 ·84	... ...	10
15	Fri.	10	10 ·01	19 ·00	9	14	Tues.	9	12 ·63	25 ·33	10	14	Sat.	8	13 ·87	3 ·02	11
			11 ·91	20 ·93		15	Wed.	10	13 ·58	26 ·31	11	15	Sun.	9	14 ·94	4 ·09	12
16	Sat.	11	12 ·82	21 ·87	10	16	Thur.	11	14 ·56	27 ·30	12	16	Mon.	10	... ...	5 ·17	13
17	Sun.	12	13 ·73	22 ·81	11	17	Fri.	12	**P** ·55	1 ·31	13	17	Tues.	11	**P** ·01	6 ·27	14
18	Mon.	13	14 ·64	23 ·75	12	18	Sat.	13	1 ·56	2 ·34	14	18	Wed.	12	1 ·10	7 ·38	15
19	Tues.	14	**P** ·55	24 ·70	13	19	Sun.	14	2 ·59	3 ·41	15	19	Thur.	13	2 ·19	8 ·49	16
20	Wed.	15	1 ·48	25 ·66	14	20	Mon.	15	3 ·65	4 ·48	16	20	Fri.	14	3 ·28	9 ·59	17
21	Thur.	16	2 ·43	26 ·66	15	21	Tues.	16	4 ·73	5 ·57	17	21	Sat.	15	4 ·35	10 ·68	18
22	Fri.	17	3 ·40	27 ·66	16	22	Wed.	17	5 ·81	6 ·67	18	22	Sun.	16	5 ·41	11 ·76	19
23	Sat.	18	4 ·40	1 ·68	17	23	Thur.	18	6 ·90	7 ·77	19	23	Mon.	17	6 ·46	12 ·82	20
24	Sun.	19	5 ·41	2 ·72	18	24	Fri.	19	7 ·98	8 ·89	20	24	Tues.	18	7 ·48	13 ·86	21
25	Mon.	20	6 ·44	3 ·78	19	25	Sat.	20	... ...	9 ·99	21	25	Wed.	19	8 ·48	14 ·87	22
26	Tues.	21	7 ·49	4 ·87	20	26	Sun.	21	8 ·06	... ...	22	26	Thur.	20	9 ·46	15 ·87	23
27	Wed.	22	8 ·55	5 ·97	21	27	Mon.	22	9 ·12	10 ·07	23	27	Fri.	21	10 ·43	16 ·85	24
28	Thur.	23	9 ·63	... ...	22	28	Tues.	23	10 ·16	11 ·14	24	28	Sat.	22	11 ·37	17 ·82	25
29	Fri.	24	10 ·71	6 ·07	23	29	Wed.	24	11 ·20	12 ·19	25	—29	Sun.	23	12 ·30	18 ·76	26
30	Sat.	25	11 ·80	7 ·18	24	—30	Thur.	25	12 ·20	13 ·22	26	1	Mon.	24	13 ·22	19 ·70	27
—31	Sun.	26	12 ·87	8 ·28	25	1	Fri.	26	13 ·19	14 ·23	27	2	Tues.	25	14 ·13	20 ·64	28
1	Mon.	27	13 ·94	9 ·37	26	2	Sat.	27	14 ·15	15 ·21	28				**A** ·03		
2	Tues.	28	14 ·98	10 ·46	27	3	Sun.	28	—**A** ·10	16 ·18	29	3	Wed.	26	1 ·93	21 ·57	29
3	Wed.	29	... ...	11 ·52	28	4	Mon.	29	1 ·03	17 ·14	—30	4	Thur.	27	2 ·83	22 ·50	—30
4	Thur.	30	—**A** ·01	12 ·56	29				2 ·95			5	Fri.	28	3 ·73	23 ·44	1
5	Fri.	31	1 ·01	13 ·57	—30	5	Tues.	30	3 ·86	18 ·09	1	6	Sat.	29	4 ·66	24 ·38	2
			2 ·99			6	Wed.	31	4 ·76	19 ·03	2	7	Sun.	30	5 ·59	25 ·33	3
										20 ·96		8	Mon.	31	6 ·53	26 ·29	4

Dundubhi. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śukla.* **Simha—Āvani.** *Bahula.* **Bhādrapada.** *Śukla.* **Kanyā—Purattāsi.** *Bahula.* **Āśvina.** *Śukla.* **Tulā—Aippasi.** *Bahula.* **Kārttika.** *Śukla.* **Vṛiśch.—Kār.** *Bahula.* **Vṛiśchika—Kārttigai.** *Śukla.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Makara—Tai.** *Bahula.* **Pausha.** *Śukla.*

H. 413 *Rabī-ul akhir.* *H.* 413 *Jamāda'l awwal.* *H.* 413 *Jumāda'l akhir.* *H.* 413 *rajab.* *H.* 413 *Sha'bān.* *H.* 413 *Ramazān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1023. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·69.** **Śaka 945.** **Kaliyuga 4124.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·65.** **(S. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Tues.	1	*Sukla.* 7 ·50	27 ·28	5	9	Fri.	1	*Sukla.* 7 ·74	4 ·02	5	8	Wed.	1	8 ·16	10 ·19	7
10	Wed.	2	8 ·47	1 ·28	6	10	Sat.	2	8 ·79	5 ·09	6	9	Thur.	2	9 ·24	11 ·29	8
11	Thur.	3	9 ·47	2 ·30	7	11	Sun.	3	9 ·88	6 ·17	7	10	Fri.	3	10 ·30	12 ·38	9
12	Fri.	4	10 ·48	3 ·33	8	12	Mon.	4	10 ·97	7 ·27	8	11	Sat.	4	11 ·32	13 ·44	10
13	Sat.	5	11 ·54	4 ·39	9	13	Tues.	5	... ...	8 ·38	9	12	Sun.	5	12 ·34	14 ·47	11
14	Sun.	6	12 ·60	5 ·48	10	14	Wed.	6	11 ·05	9 ·50	10	13	Mon.	6	13 ·34	15 ·49	12
15	Mon.	7	13 ·66	6 ·57	11	15	Thur.	7	12 ·13	10 ·59	11	14	Tues.	7	14 ·31	16 ·49	13
16	Tues.	8	14 ·75	7 ·67	12	16	Fri.	8	13 ·20	11 ·68	12	15	Wed.	8	P ·27	17 ·48	14
17	Wed. ○	9	*Māgha.* P ·84	8 ·78	13	17	Sat.	9	14 ·26	12 ·75	13	16	Thur.	9	1 ·21	18 ·44	15
18	Thur.	10	1 ·93	9 ·89	14	18	Sun.	10	P ·29	13 ·80	14	17	Fri.	10	2 ·13	19 ·39	16
19	Fri.	11	... ..	10 ·99	15	19	Mon.	11	1 ·31	14 ·84	15	18	Sat.	11	3 ·03	20 ·33	17
20	Sat.	12	2 ·00	... ...	16	20	Tues.	12	2 ·30	15 ·85	16				4 ·93		
21	Sun.	13	3 ·06	11 ·07	17	21	Wed.	13	3 ·29	16 ·84	17	19	Sun.	12	5 ·83	21 ·27	18
22	Mon.	14	4 ·11	12 ·13	18	22	Thur.	14	4 ·24	17 ·81	18	20	Mon.	13	6 ·78	22 ·20	19
23	Tues.	15	5 ·12	13 ·17	19	23	Fri.	15	5 ·18	18 ·77	19	21	Tues.	14	7 ·68	23 ·14	20
24	Wed.	16	6 ·12	14 ·19	20	24	Sat.	16	6 ·09	19 ·72	20	22	Wed.	15	8 ·54	24 ·07	21
25	Thur.	17	7 ·10	15 ·19	21				7 ·00							25 ·10	
26	Fri.	18	8 ·06	16 ·18	22	25	Sun.	17	8 ·91	20 ·66	21	23	Thur.	16	9 ·45	26 ·96	22
27	Sat.	19	9 ·00 / 10 ·92	17 ·15	23	26	Mon.	18	9 ·81	21 ·59	22	24	Fri.	17	10 ·37	27 ·92	23
28	Sun.	20	11 ·84	18 ·10	24	27	Tues.	19	10 ·71	22 ·52	23	25	Sat.	18	11 ·30	1 ·90	24
29	Mon.	21	12 ·75	19 ·04 / 20 ·97	25	28	Wed.	20	11 ·61	23 ·45	24	26	Sun.	19	12 ·27	2 ·90	25
30	Tues.	22	13 ·66	21 ·91	26	29	Thur.	21	12 ·52	24 ·39	25	27	Mon.	20	13 ·24	3 ·91	26
31	Wed.	23	14 ·56	22 ·84	27	30	Fri.	22	13 ·43	25 ·34	26	28	Tues.	21	14 ·23	4 ·95	27
1	Thur.	24	A ·46	23 ·77	28	31	Sat.	23	14 ·36	26 ·29	27	29	Wed.	22	A ·24	... ...	28
2	Fri.	25	1 ·36	24 ·71	29	1	Sun.	24	A ·30	27 ·26	28	30	Thur.	23	1 ·27	5 ·00	29
3	Sat.	26	2 ·28	25 ·66	1	2	Mon.	25	1 ·26	1 ·24	29	31	Fri.	24	2 ·33	6 ·09	1
4	Sun.	27	3 ·20	26 ·63	2	3	Tues.	26	2 ·24	2 ·25	1	1	Sat.	25	3 ·39	7 ·18	2
5	Mon.	28	4 ·15	27 ·61	3	4	Wed.	27	3 ·22	3 ·28	2	2	Sun.	26	4 ·48	8 ·28	3
6	Tues.	29	5 ·12	1 ·60	4	5	Thur.	28	4 ·25	4 ·33	3	3	Mon.	27	5 ·56	9 ·39	4
7	Wed.	30	6 ·09	2 ·61	5	6	Fri.	29	5 ·28	5 ·39	4	4	Tues.	28	6 ·64	10 ·50	5
8	Thur.	31	7 ·09	3 ·65	6	7	Sat.	30	*Sukla.* 6 ·35	6 ·48	5	5	Wed.	29	*Sukla.* 7 ·71	11 ·60	6
	Feb.					8	Sun.	31	7 ·42	7 ·57	6	6	Thur.	30	8 ·78	12 ·68	7
												7	Fri.	31	9 ·81	13 ·75	8
							April.						**June.**				
10	Fri.	1	8 ·11	4 ·71	7	9	Mon.	1	8 ·50	8 ·69	7	8	Sat.	1	10 ·82	14 ·79	9
11	Sat.	2	9 ·14	5 ·78	8	10	Tues.	2	9 ·59	9 ·79	8	9	Sun.	2	11 ·82	15 ·81	10
12	Sun.	3	10 ·21	6 ·87	9	11	Wed.	3	10 ·67	10 ·89	9	10	Mon.	3	12 ·79	16 ·81	11
13	Mon.	4	11 ·29	7 ·98	10	12	Thur.	4	11 ·74	11 ·98	10	11	Tues.	4	13 ·75	17 ·81	12
14	Tues.	5	12 ·38	... ...	11	13	Fri.	5	12 ·79	... ...	11	12	Wed.	5	14 ·69	18 ·78	13
15	Wed.	6	13 ·46	8 ·08	12	14	Sat.	6	13 ·83	12 ·06	12	13	Thur.	6	P ·62	19 ·73	14
16	Thur.	7	14 ·54	9 ·19	13	15	Sun.	7	14 ·84	13 ·12	13	14	Fri.	7	1 ·52	20 ·67	15
17	Fri.	8	*Phālguna.* P ·61	10 ·29	14	16	Mon.	8	*Adhika Vaiśākha.* P ·83	14 ·16	14	15	Sat.	8	2 ·42	21 ·61	16
18	Sat.	9	1 ·66	11 ·38	15	17	Tues.	9	1 ·82	15 ·17	15	16	Sun.	9	3 ·32	22 ·54	17
19	Sun.	10	2 ·71	12 ·44	16	18	Wed.	10	2 ·76	16 ·16	16	17	Mon.	10	4 ·22	23 ·47	18
20	Mon.	11	3 ·73	13 ·49	17	19	Thur.	11	3 ·70	17 ·14	17	18	Tues.	11	5 ·12	24 ·41	19
21	Tues.	12	4 ·73	14 ·51	18	20	Fri.	12	4 ·62	18 ·11	18				6 ·02		
22	Wed.	13	5 ·72	15 ·53	19	21	Sat.	13	5 ·53	19 ·06	19	19	Wed.	12	7 ·93	25 ·34	20
23	Thur.	14	6 ·66	16 ·51	20					20 ·00		20	Thur.	13	8 ·85	26 ·29	21
24	Fri.	15	7 ·60	17 ·48	21	22	Sun.	14	*Bahula.* 6 ·43	21 ·93	20	21	Fri.	14	9 ·79	27 ·26	22
25	Sat.	16	8 ·53	18 ·43	22	23	Mon.	15	7 ·33	22 ·88	21	22	Sat.	15	10 ·74	1 ·23	23
26	Sun.	17	9 ·44	19 ·38	23	24	Tues.	16	8 ·23	23 ·79	22	23	Sun.	16	11 ·71	2 ·22	24
27	Mon.	18	*Bahula.* 10 ·35	20 ·32	24	25	Wed.	17	9 ·13	24 ·73	23	24	Mon.	17	12 ·71	3 ·23	25
28	Tues.	19	11 ·25	21 ·25	25	26	Thur.	18	10 ·04 / 11 ·95	25 ·67	24	25	Tues.	18	13 ·72	4 ·26	26
29	Wed.	20	12 ·15	22 ·18	26							26	Wed.	19	14 ·76	5 ·32	27
1	Thur.	21	13 ·05 / 14 ·95	23 ·11	27	27	Fri.	19	12 ·88	26 ·62	25	27	Thur.	20	A ·81	6 ·39	28
2	Fri.	22	A ·87	24 ·05	28	28	Sat.	20	13 ·81	27 ·59	26	28	Fri	21	1 ·88	7 ·48	29
3	Sat.	23	1 ·80	25 ·00 / 26 ·96	29	29	Sun.	21	14 ·78	1 ·57	27	29	Sat.	22	2 ·96	8 ·58	30
4	Sun.	24	2 ·75	27 ·93	30	30	Mon.	22	A ·74	2 ·58	28	30	Sun.	23	... ...	9 ·69	1
5	Mon.	25	3 ·71	1 ·92	1	31	Tues.	23	1 ·74	3 ·60	29	31	Mon.	24	*Sukla.* 3 ·04	10 ·80	2
6	Tues.	26	4 ·69	2 ·93	2	1	Wed.	24	2 ·75	4 ·64	30	32	Tues.	25	4 ·11	11 ·90	3
7	Wed.	27	5 ·68	3 ·97	3	2	Thur.	25	*Sukla.* 3 ·79	5 ·70	1	1	Wed.	26	5 ·18	12 ·99	4
8	Thur.	28	6 ·70	... ...	4	3	Fri.	26	4 ·85	6 ·78	2	2	Thur.	27	6 ·25	... ...	5
						4	Sat.	27	5 ·92	7 ·88	3	3	Fri.	28	7 ·28	13 ·05	6
						5	Sun.	28	... ...	8 ·98	4	4	Sat.	29	8 ·31	14 ·10	7
						6	Mon.	29	6 ·00	... ...	5	5	Sun.	30	**Āsh.** 9 ·29	15 ·13	8
						7	Tues.	30	7 ·08	9 ·09	6						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1023. **Kollam 199,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 414.** Commences **March 29.** **Vikrama 1080.** **Bengal San. 429.** **(N. Cycle) Krodhana.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Mon. 1	10 ·27	16 ·15	9	6	Sun. 1	14 ·65	24 ·43	12	7	Fri. 1	1 ·47	4 ·85	14
7	Tues. 2	11 ·23	17 ·14	10	7	Mon. 2	P ·56	25 ·36	13	8	Sat. 2	2 ·47	5 ·88	15
8	Wed. 3	12 ·17	18 ·11	11	8	Tues. 3	1 ·47	26 ·30	14	9	Sun. 3	3 ·48	6 ·94	16
9	Thur. 4	13 ·10	19 ·06	12	9	Wed. 4	2 ·40	27 ·25	15	10	Mon. 4	4 ·52	... ...	17
10	Fri.○ 5	14 ·01	20 ·01	13	10	Thur. 5	3 ·33	1 ·21	16	11	Tues. 5	5 ·58	7 ·00	18
		P ·91	21 ·95		11	Fri. 6	4 ·28	2 ·19	17	12	Wed. 6	6 ·65	8 ·09	19
11	Sat. 6	1 ·81	22 ·88	14	12	Sat. 7	5 ·26	3 ·20	18	13	Thur. 7	7 ·74	9 ·19	20
12	Sun. 7	2 ·71	23 ·81	15	13	Sun. 8	6 ·25	4 ·21	19	14	Fri. 8	8 ·83	10 ·29	21
13	Mon. 8	3 ·61	24 ·74	16	14	Mon. 9	7 ·26	5 ·25	20	15	Sat. 9	9 ·92	11 ·41	22
14	Tues. 9	4 ·51	25 ·68	17	15	Tues. 10	8 ·30	6 ·31	21	16	Sun. 10	10 ·99	12 ·51	23
15	Wed. 10	5 ·42	26 ·63	18	16	Wed. 11	9 ·36	7 ·39	22	17	Mon. 11	... ...	13 ·60	24
16	Thur. 11	6 ·34	27 ·59	19	17	Thur. 12	10 ·43	8 ·49	23	18	Tues. 12	11 ·06	14 ·67	25
17	Fri. 12	7 ·27	1 ·56	20	18	Fri. 13	11 ·52	9 ·59	24	19	Wed. 13	12 ·11	15 ·72	26
18	Sat. 13	8 ·23	2 ·54	21	19	Sat. 14	12 ·60	10 ·70	25	20	Thur. 14	13 ·13	16 ·75	27
19	Sun. 14	9 ·21	3 ·55	22	20	Sun. 15	13 ·68	11 ·80	26	21	Fri. 15	14 ·12	17 ·77	28
20	Mon. 15	10 ·19	4 ·58	23	21	Mon. 16	14 ·76	12 ·90	27	22	Sat. 16	A ·10	18 ·76	29
21	Tues. 16	11 ·19	5 ·63	24	22	Tues. 17	A ·82	13 ·99	28	23	Sun. 17	1 ·07	19 ·73	1
22	Wed. 17	12 ·24	6 ·70	25	23	Wed. 18	1 ·86	... ...	29	24	Mon. 18	2 ·01	20 ·69	2
23	Thur. 18	13 ·29	7 ·78	26	24	Thur. 19	2 ·89	14 ·05	1			3 ·94		
24	Fri. 19	14 ·37	8 ·88	27	25	Fri. 20	3 ·89	15 ·09	2	25	Tues. 19	4 ·86	21 ·64	3
25	Sat. 20	A ·45	9 ·99	28	26	Sat. 21	4 ·87	16 ·11	3	26	Wed. 20	5 ·77	22 ·58	4
26	Sun. 21	1 ·53	... ...	29	27	Sun. 22	5 ·82	17 ·11	4	27	Thur. 21	6 ·67	23 ·52	5
27	Mon. 22	2 ·60	10 ·10	1	28	Mon. 23	6 ·77	18 ·11	5	28	Fri. 22	7 ·57	24 ·45	6
28	Tues. 23	3 ·67	11 ·20	2	29	Tues. 24	7 ·70	19 ·07	6	29	Sat. 23	8 ·48	25 ·37	7
29	Wed. 24	4 ·73	12 ·29	3	30	Wed. 25	8 ·63	20 ·02	7	30	Sun. 24	9 ·39	26 ·31	8
30	Thur. 25	5 ·76	13 ·36	4				21 ·96		1	Mon. 25	10 ·31	27 ·26	9
31	Fri. 26	6 ·80	14 ·42	5	31	Thur. 26	9 ·53	22 ·90	8	2	Tues. 26	11 ·23	1 ·21	10
1	Sat. 27	7 ·79	15 ·46	6	1	Fri. 27	10 ·43	23 ·84	9	3	Wed. 27	12 ·17	2 ·18	11
2	Sun. 28	8 ·78	16 ·47	7	2	Sat. 28	11 ·33	24 ·77	10	4	Thur. 28	13 ·13	3 ·17	12
3	Mon. 29	9 ·73	17 ·46	8	3	Sun. 29	12 ·23	25 ·70	11	5	Fri. 29	14 ·11	4 ·17	13
4	Tues. 30	10 ·68	18 ·44	9	4	Mon. 30	13 ·14	26 ·64	12	6	Sat. 30	P ·11	5 ·20	14
5	Wed. 31	11 ·60	19 ·40	10										
	Aug.					**Oct.**					**Dec.**			
6	Thur. 1	12 ·51	20 ·35	11	5	Tues. 1	14 ·05	27 ·58	13	7	Sun. 1	1 ·12	6 ·24	15
7	Fri. 2	13 ·42	21 ·29	12			P ·98			8	Mon. 2	2 ·18	7 ·31	16
8	Sat. 3	14 ·32	22 ·22	13	6	Wed. 2	1 ·91	1 ·54	14	9	Tues. 3	3 ·23	8 ·39	17
9	Sun. 4	P ·22	23 ·15	14	7	Thur. 3	2 ·88	2 ·53	15	10	Wed. 4	4 ·31	9 ·49	18
10	Mon. 5	1 ·12	24 ·08	15	8	Fri. 4	3 ·85	3 ·52	16	11	Thur. 5	5 ·39	10 ·60	19
11	Tues. 6	2 ·02	25 ·03	16	9	Sat. 5	4 ·85	4 ·53	17	12	Fri. 6	6 ·48	11 ·71	20
		3 ·93	26 ·97		10	Sun. 6	5 ·85	5 ·56	18	13	Sat. 7	7 ·56	12 ·81	21
12	Wed. 7	4 ·85	27 ·92	17	11	Mon. 7	6 ·89	6 ·62	19	14	Sun. 8	8 ·64	13 ·90	22
13	Thur. 8	5 ·79	1 ·88	18	12	Tues. 8	7 ·95	7 ·70	20	15	Mon. 9	9 ·70	14 ·98	23
14	Fri. 9	6 ·74	2 ·87	19	13	Wed. 9	... ...	8 ·79	21	16	Tues. 10	10 ·75	... ...	24
15	Sat. 10	7 ·72	3 ·88	20	14	Thur. 10	8 ·03	9 ·89	22	17	Wed. 11	11 ·77	15 ·03	25
16	Sun. 11	8 ·71	4 ·90	21	15	Fri. 11	9 ·12	10 ·99	23	18	Thur. 12	12 ·76	16 ·08	26
17	Mon. 12	9 ·71	5 ·94	22	16	Sat. 12	10 ·21	... ...	24	19	Fri. 13	13 ·76	17 ·09	27
18	Tues. 13	10 ·75	... ...	23	17	Sun. 13	11 ·29	11 ·10	25	20	Sat. 14	14 ·71	18 ·09	28
19	Wed. 14	11 ·80	6 ·00	24	18	Mon. 14	12 ·36	12 ·21	26	21	Sun. 15	A ·65	19 ·06	29
20	Thur. 15	12 ·87	7 ·08	25	19	Tues. 15	13 ·41	13 ·29	27	22	Mon. 16	1 ·59	20 ·02	30
21	Fri. 16	13 ·94	8 ·18	26	20	Wed. 16	14 ·46	14 ·36	28				21 ·98	
22	Sat. 17	... ...	9 ·29	27	21	Thur. 17	A ·49	15 ·41	29	23	Tues. 17	2 ·50	22 ·92	1
23	Sun. 18	14 ·03	10 ·40	28	22	Fri. 18	1 ·49	16 ·43	30	24	Wed. 18	3 ·41	23 ·85	2
24	Mon. 19	A ·12	11 ·50	29	23	Sat. 19	2 ·47	17 ·45	1	25	Thur. 19	4 ·31	24 ·78	3
25	Tues. 20	1 ·20	12 ·59	30	24	Sun. 20	3 ·43	18 ·43	2	26	Fri. 20	5 ·21	25 ·71	4
26	Wed. 21	2 ·26	13 ·67	1	25	Mon. 21	4 ·39	19 ·40	3	27	Sat. 21	6 ·11	26 ·66	5
27	Thur. 22	3 ·30	14 ·74	2	26	Tues. 22	5 ·32	20 ·36	4	28	Sun. 22	7 ·03	27 ·60	6
28	Fri. 23	4 ·33	15 ·78	3	27	Wed. 23	6 ·23	21 ·30	5			8 ·95		
29	Sat. 24	5 ·32	16 ·79	4	28	Thur. 24	7 ·14	22 ·24	6	29	Mon. 23	9 ·87	1 ·55	7
30	Sun. 25	6 ·30	17 ·79	5			8 ·04			1	Tues. 24	10 ·81	2 ·51	8
31	Mon. 26	7 ·26	18 ·77	6	29	Fri. 25	9 ·94	23 ·18	7	2	Wed. 25	11 ·77	3 ·49	9
1	Tues. 27	8 ·21	19 ·74	7	1	Sat. 26	10 ·85	24 ·11	8	3	Thur. 26	12 ·76	4 ·50	10
2	Wed. 28	9 ·13	20 ·69	8	2	Sun. 27	11 ·76	25 ·04	9	4	Fri. 27	13 ·75	5 ·52	11
		10 ·05						26 ·97		5	Sat. 28	14 ·77	6 ·55	12
3	Thur. 29	11 ·95	21 ·63	9	3	Mon. 28	12 ·68	27 ·92	10	6	Sun.○ 29	P ·83	7 ·61	13
4	Fri. 30	12 ·85	22 ·56	10	4	Tues. 29	13 ·60	1 ·88	11	7	Mon. 30	1 ·89	8 ·69	14
5	Sat. 31	13 ·75	23 ·49	11	5	Wed. 30	14 ·53	2 ·85	12	8	Tues. 31	2 ·96	9 ·79	15
					6	Thur. 31	P ·49	3 ·84	13					

Rudhirodgārin. **Karkataka—Ādi.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Siṁha—Āvaṇi.** *Sukla.* **Bhādrapada.** *Bahula.* **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.* **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Rudhirodgārin.* **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Rudhirodgārin.* **Makara—Tai.**

H. 414 *Rabī-ul ākhir.* *H.* 414 *Jamādaʾl awwal.* *H.* 414 *Jamādaʾl ākhir.* *H.* 414 *Rajab.* *H.* 414 *Śhaʾbān.* *H.* 414 *Ramazān.* *H.* 414 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1024. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 22·95.** **Śaka 946.** **Kaliyuga 4125.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·91.** **(S. Cycle) Raktāksha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	... ...	10 ·90	16	9	Sun. 1	3 ·56	15 ·97	17	9	Fri. 1	5 ·51	21 ·65	18
10	Thur. 2	3 ·05	... ...	17	10	Mon. 2	4 ·61	... ...	18	10	Sat. 2	6 ·43	22 ·61	19
11	Fri. 3	4 ·14	11 ·00	18	11	Tues. 3	5 ·61	16 ·02	19	11	Sun. 3	7 ·34	23 ·55	20
12	Sat. 4	5 ·22	12 ·11	19	12	Wed. 4	6 ·61	17 ·05	20	12	Mon. 4	8 ·25	24 ·49	21
13	Sun. 5	6 ·30	13 ·20	20	13	Thur. 5	7 ·59	18 ·07	21	13	Tues. 5	9 ·15	25 ·42	22
14	Mon. 6	7 ·36	14 ·28	21	14	Fri. 6	8 ·54	19 ·06	22			10 ·05		
15	Tues. 7	8 ·39	15 ·35	22				20 ·03		14	Wed. 6	11 ·95	26 ·35	23
16	Wed. 8	9 ·41	16 ·39	23	15	Sat. 7	9 ·47	21 ·99	23					
17	Thur. 9	10 ·40	17 ·41	24	16	Sun. 8	10 ·39	22 ·93	24	15	Thur. 7	12 ·85	27 ·29	24
18	Fri. 10	11 ·39	18 ·41	25	17	Mon. 9	11 ·31	23 ·88	25	16	Fri. 8	13 ·77	1 ·23	25
19	Sat. 11	12 ·35	19 ·39	26	18	Tues. 10	12 ·21	24 ·81	26	17	Sat. 9	14 ·68	2 ·17	26
20	Sun. 12	13 ·28	20 ·37	27	19	Wed. 11	13 ·11	25 ·74	27	18	Sun. 10	—A ·63	3 ·14	27
21	Mon. 13	14 ·21	21 ·32	28			14 ·01			19	Mon. 11	1 ·59	4 ·11	28
22	Tues. 14	—A ·14	22 ·26	—29	20	Thur. 12	A ·91	26 ·67	28	20	Tues. 12	2 ·58	5 ·12	—29
		1 ·04			21	Fri. 13	1 ·82	27 ·60	29	21	Wed. 13	3 ·57	6 ·13	1
23	Wed. 15	2 ·94	23 ·19	1	22	Sat. 14	2 ·73	1 ·55	—30	22	Thur. 14	4 ·58	7 ·17	2
24	Thur. 16	3 ·84	24 ·12	2	23	Sun. 15	3 ·66	2 ·51	1	23	Fri. 15	5 ·62	8 ·23	3
		25 ·06			24	Mon. 16	4 ·59	3 ·48	2	24	Sat. 16	6 ·69	9 ·30	4
25	Fri. 17	4 ·74	26 ·99	3	25	Tues. 17	5 ·56	4 ·46	3	25	Sun. 17	7 ·76	10 ·39	5
26	Sat. 18	5 ·66	27 ·93	4	26	Wed. 18	6 ·54	5 ·47	4	26	Mon. 18	8 ·83	11 ·50	6
27	Sun. 19	6 ·58	1 ·88	5	27	Thur. 19	7 ·54	6 ·49	5	27	Tues. 19	9 ·90	12 ·61	7
28	Mon. 20	7 ·50	2 ·84	6	28	Fri. 20	8 ·56	7 ·55	6	28	Wed. 20	10 ·97	13 ·71	8
29	Tues. 21	8 ·44	3 ·83	7	29	Sat. 21	9 ·61	8 ·61	7	29	Thur. 21	... ...	14 ·81	9
—30	Wed. 22	9 ·40	4 ·82	8	—30	Sun. 22	10 ·66	9 ·70	8	30	Fri. 22	11 ·05	15 ·89	10
1	Thur. 23	10 ·39	5 ·83	9	1	Mon. 23	11 ·74	10 ·79	9	—31	Sat. 23	12 ·10	16 ·97	11
2	Fri. 24	11 ·38	6 ·87	10	2	Tues. 24	12 ·83	11 ·90	10	1	Sun. 24	13 ·13	... ...	12
3	Sat. 25	12 ·41	7 ·92	11	3	Wed. 25	13 ·91	... ...	11	2	Mon. 25	14 ·15	17 ·01	13
4	Sun. 26	13 ·45	8 ·99	12	4	Thur. 26	14 ·98	12 ·01	12	3	Tues. 26	P ·14	18 ·03	14
5	Mon. 27	14 ·51	... ...	13	5	Fri. 27	P ·05	13 ·12	13	4	Wed. 27	1 ·11	19 ·03	15
6	Tues. 28	P ·59	9 ·09	14	6	Sat. 28	1 ·11	14 ·21	14	5	Thur. 28	2 ·07	20 ·02	16
7	Wed. 29	1 ·68	10 ·20	15	7	Sun. 29	2 ·15	15 ·28	15			3 ·01	21 ·00	
8	Thur. 30	2 ·76	11 ·30	16	8	Mon. 30	3 ·15	16 ·33	16	6	Fri. 29	4 ·92	22 ·95	17
9	Fri. 31	3 ·84	12 ·41	17	9	Tues. 31			17	7	Sat. 30	5 ·83	23 ·89	18
										8	Sun. 31	6 ·73	24 ·82	19
	Feb.					**April.**					**June.**			
10	Sat. 1	4 ·92	13 ·50	18	10	Wed. 1	4 ·15	18 ·39	18	9	Mon. 1	7 ·63	25 ·75	20
11	Sun. 2	5 ·98	14 ·60	19	11	Thur. 2	5 ·12	19 ·38	19	10	Tues. 2	8 ·53	26 ·69	21
12	Mon. 3	... ...	15 ·66	20	12	Fri. 3	6 ·08	20 ·36	20	11	Wed. 3	9 ·43	27 ·62	22
13	Tues. 4	6 ·03	16 ·71	21	13	Sat. 4	7 ·01	21 ·32	21	12	Thur. 4	10 ·34	1 ·56	23
14	Wed. 5	7 ·03	17 ·73	22			8 ·93			13	Fri. 5	11 ·25	2 ·51	24
15	Thur. 6	8 ·03	18 ·74	23	14	Sun. 5	9 ·84	22 ·27	22	14	Sat. 6	12 ·17	3 ·47	25
		9 ·01			15	Mon. 6	10 ·75	23 ·22	23	15	Sun. 7	13 ·10	4 ·45	26
16	Fri. 7	10 ·95	19 ·73	24	16	Tues. 7	11 ·65	24 ·15	24	16	Mon. 8	14 ·05	5 ·44	27
17	Sat. 8	11 ·89	20 ·70	25	17	Wed. 8	12 ·55	25 ·08	25	17	Tues. ● 9	—A ·04	6 ·45	28
18	Sun. 9	12 ·81	21 ·65	26	18	Thur. 9	13 ·45	26 ·01	26	18	Wed. 10	1 ·03	7 ·48	29
19	Mon. 10	13 ·73	22 ·60	27				27 ·94		19	Thur. 11	2 ·06	8 ·53	—30
20	Tues. 11	14 ·64	23 ·53	28	19	Fri. 10	14 ·35	1 ·89	27	20	Fri. 12	3 ·09	9 ·60	1
21	Wed. 12	—A ·55	24 ·47	29	20	Sat. 11	—A ·26	2 ·84	28	21	Sat. 13	4 ·15	10 ·70	2
22	Thur. 13	1 ·45	25 ·40	—30	21	Sun. 12	1 ·19	3 ·81	29	22	Sun. 14	5 ·21	11 ·80	3
23	Fri. 14	2 ·35	26 ·33	1	22	Mon. 13	2 ·14	4 ·79	—30	23	Mon. 15	6 ·28	12 ·91	4
24	Sat. 15	3 ·25	27 ·27	2	23	Tues. 14	3 ·09	5 ·79	1	24	Tues. 16	7 ·37	... ...	5
25	Sun. 16	4 ·16	1 ·21	3	24	Wed. 15	4 ·06	6 ·82	2	25	Wed. 17	8 ·45	13 ·01	6
26	Mon. 17	5 ·09	2 ·17	4	25	Thur. 16	5 ·06	7 ·86	3	26	Thur. 18	9 ·53	14 ·11	7
27	Tues. 18	6 ·03	3 ·15	5	26	Fri. 17	6 ·08	8 ·92	4	27	Fri. 19	10 ·57	15 ·21	8
		7 ·00			27	Sat. 18	7 ·13	... ...	5	28	Sat. 20	11 ·61	16 ·28	9
28	Wed. 19	8 ·98	4 ·14	6	28	Sun. 19	8 ·18	9 ·00	6	29	Sun. 21	12 ·63	17 ·32	10
29	Thur. 20	9 ·97	5 ·15	7	29	Mon. 20	9 ·25	10 ·09	7	30	Mon. 22	13 ·61	18 ·35	11
—30	Fri. 21	... ...	6 ·18	8	30	Tues. 21	10 ·33	11 ·21	8	31	Tues. 23	14 ·59	19 ·36	12
1	Sat. 22	10 ·60	7 ·23	9	—31	Wed. 22	11 ·41	12 ·31	9	—32	Wed. ○ 24	P ·55	20 ·36	13
2	Sun. 23	11 ·04	8 ·31	10	1	Thur. 23	12 ·50	13 ·42	10	1	Thur. 25	1 ·48	21 ·33	14
3	Mon. 24	12 ·11	9 ·40	11	2	Fri. 24	13 ·56	14 ·51	11	2	Fri. 26	2 ·40	22 ·28	15
4	Tues. 25	13 ·19	10 ·49	12	3	Sat. 25	14 ·62	15 ·59	12	3	Sat. 27	3 ·33	23 ·23	16
5	Wed. 26	14 ·28	11 ·60	13	4	Sun. 26	P ·65	16 ·65	13	4	Sun. 28	4 ·23	24 ·16	17
6	Thur. 27	P ·37	12 ·71	14	5	Mon. 27	1 ·67	17 ·69	14	5	Mon. 29	5 ·18	25 ·10	18
7	Fri. 28	1 ·45	13 ·82	15	6	Tues. 28	2 ·66	18 ·71	15	6	Tues. 30	6 ·03	26 ·03	19
8	Sat. 29	2 ·51	14 ·90	16	7	Wed. 29	3 ·63	19 ·71	16			7 ·93	27 ·96	
					8	Thur. 30	4 ·59	20 ·69	17					

Nakeh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

529·3245
I·E.

A.D. 1024. **Kollam 200,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 415.** Commences **March 15.** **Vikrama 1081.** **Bengal San. 430.** **(N. Cycle) Kshaya.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	8 ·83	1 ·90	20	7	Tues.	1	11 ·57	8 ·47	23	7	Sun.	1	12 ·12	14 ·62	25
8	Thur.	2	9 ·73	2 ·84	21	8	Wed.	2	12 ·61	9 ·53	24	8	Mon.	2	13 ·21	15 ·72	26
9	Fri.	3	10 ·65	3 ·80	22	9	Thur.	3	13 ·66	10 ·61	25	9	Tues.	3	14 ·28	16 ·82	27
10	Sat.	4	11 ·59	4 ·78	23	10	Fri.	4	14 ·74	11 ·71	26	10	Wed.	4	—**A** ·33	17 ·89	28
11	Sun.	5	12 ·54	5 ·76	24	11	Sat.	5	—**A** ·82	12 ·81	27	11	Thur.	5	1 ·38	18 ·94	—29
12	Mon.	6	13 ·52	6 ·77	25	12	Sun.	6	1 ·90	13 ·92	28	12	Fri.	6	2 ·40	19 ·97	1
13	Tues.	7	14 ·50	7 ·79	26	13	Mon.	7	2 ·98	... ...	—29	13	Sat.	7	3 ·40	20 ·98	2
14	Wed.	8	—**A** ·54	8 ·84	27	14	Tues.	8	... ..	14 ·02	1	14	Sun.	8	4 ·38	21 ·98	3
15	Thur.	9	1 ·58	9 ·92	28	15	Wed.	9	3 ·06	15 ·12	2	15	Mon.	9	5 ·35	22 ·95	4
16	Fri.	10	2 ·62	... ...	—29	16	Thur.	10	4 ·13	16 ·20	3	16	Tues.	10	6 ·29	23 ·91	5
17	Sat.	11	3 ·68	10 ·00	1	17	Fri.	11	5 ·16	17 ·26	4	17	Wed.	11	7 ·22	24 ·86	6
18	Sun.	12	4 ·77	11 ·10	2	18	Sat.	12	6 ·18	18 ·31	5	18	Thur.	12	8 ·14	25 ·79	7
19	Mon.	13	5 ·86	12 ·21	3	19	Sun.	13	7 ·18	19 ·33	6				9 ·04		
20	Tues.	14	6 ·93	13 ·32	4	20	Mon.	14	8 ·16	20 ·33	7	19	Fri.	13	10 ·94	26 ·74	8
21	Wed.	15	... .	14 ·42	5	21	Tues.	15	9 ·13	21 ·32	8	20	Sat.	14	11 ·84	27 ·66	9
22	Thur.	16	7 ·00	15 ·51	6	22	Wed.	16	10 ·07	22 ·28	9	21	Sun.	15	12 ·75	1 ·59	10
23	Fri.	17	8 ·05	16 ·58	7	23	Thur.	17	11 ·00	23 ·24	10	22	Mon.	16	13 ·66	2 ·53	11
24	Sat.	18	9 ·10	17 ·64	8				12 ·91			23	Tues.	17	14 ·57	3 ·47	12
25	Sun.	19	10 ·11	18 ·67	9	24	Fri.	18	13 ·82	24 ·18	11	24	Wed.	18	**P** ·51	4 ·43	13
26	Mon.	20	11 ·11	19 ·69	10	25	Sat.	19	14 ·72	25 ·12	12	25	Thur.	19	1 ·45	5 ·40	14
27	Tues.	21	12 ·08	20 ·68	11	26	Sun.	20	**P** ·62	26 ·05	13	26	Fri.	20	2 ·41	6 ·39	15
28	Wed.	22	13 ·05	21 ·66	12					27 ·98		27	Sat.	21	3 ·40	7 ·39	16
			14 ·98			27	Mon.	21	1 ·52	1 ·92	14	28	Sun.	22	4 ·39	8 ·41	17
29	Thur.	23	**P** ·90	22 ·62	13	28	Tues.	22	2 ·42	2 ·80	15	—29	Mon.	23	5 ·43	9 ·45	18
30	Fri.	24	1 ·82	23 ·56	14	29	Wed.	23	3 ·34	3 ·80	16	1	Tues.	24	6 ·46	10 ·53	19
—31	Sat.	25	2 ·72	24 ·51	15	30	Thur.	24	4 ·26	4 ·76	17	2	Wed.	25	7 ·53	11 ·61	20
1	Sun.	26	3 ·62	25 ·44	16	—31	Fri.	25	5 ·21	5 ·74	18	3	Thur.	26	8 ·60	12 ·71	21
2	Mon.	27	4 ·52	26 ·37	17	1	Sat.	26	6 ·16	6 ·74	19	4	Fri.	27	9 ·69	13 ·81	22
3	Tues.	28	5 ·42	27 ·30	18	2	Sun.	27	7 ·15	7 ·75	20	5	Sat.	28	10 ·78	14 ·92	23
4	Wed.	29	6 ·32	1 ·23	19	3	Mon.	28	8 ·14	8 ·78	21	6	Sun.	29	11 ·86	... ...	24
5	Thur.	30	7 ·23	2 ·18	20	4	Tues.	29	9 ·15	9 ·84	22	7	Mon.	30	12 ·93	15 ·03	25
6	Fri.	31	8 ·16	3 ·14	21	5	Wed.	30	10 ·19	10 ·91	23						
	Aug.						**Oct.**						**Dec.**				
7	Sat.	1	9 ·10	4 ·10	22	6	Thur.	1	11 ·25	... ...	24	8	Tues.	1	... ...	16 ·12	26
8	Sun.	2	10 ·05	5 ·09	23	7	Fri.	2	12 ·32	11 ·01	25	9	Wed.	2	13 ·00	17 ·20	27
9	Mon.	3	11 ·02	6 ·09	24	8	Sat.	3	13 ·41	12 ·11	26	10	Thur.	3	14 ·04	18 ·25	28
10	Tues.	4	12 ·02	7 ·11	25	9	Sun.	4	14 ·50	13 ·22	27	11	Fri. ●	4	--**A** ·05	19 ·29	29
11	Wed.	5	13 ·03	8 ·16	26	10	Mon.	5	—**A** ·59	14 ·32	28	12	Sat.	5	1 ·04	20 ·31	—30
12	Thur.	6	14 ·06	9 ·22	27	11	Tues.	6	1 ·66	15 ·42	29				2 ·01		
13	Fri.	7	—**A** ·12	10 ·30	28	12	Wed.	7	2 ·72	16 ·50	—30	13	Sun.	6	3 ·98	21 ·31	1
14	Sat.	8	1 ·18	11 ·40	29	13	Thur.	8	3 ·76	17 ·58	1	14	Mon.	7	4 ·93	22 ·28	2
15	Sun.	9	2 ·27	12 ·50	—30	14	Fri.	9	4 ·79	18 ·63	2	15	Tues.	8	5 ·86	23 ·24	3
16	Mon.	10	3 ·36	13 ·62	1	15	Sat.	10	5 ·78	19 ·65	3	16	Wed.	9	6 ·78	24 ·19	4
17	Tues.	11	4 ·44	14 ·72	2	16	Sun.	11	6 ·76	20 ·66	4	17	Thur.	10	7 ·69	25 ·14	5
18	Wed.	12	5 ·52	15 ·81	3	17	Mon.	12	7 ·72	21 ·64	5	18	Fri.	11	8 ·60	26 ·07	6
19	Thur.	13	6 ·57	16 ·89	4	18	Tues.	13	8 ·67	22 ·62	6					27 ·00	
20	Fri.	14	7 ·61	17 ·95	5	19	Wed.	14	9 ·59	23 ·58	7	19	Sat.	12	9 ·50	1 ·93	7
21	Sat.	15	8 ·63	... ...	6	20	Thur.	15	10 ·51	24 ·52	8	20	Sun.	13	10 ·40	2 ·87	8
22	Sun.	16	9 ·63	18 ·00	7	21	Fri.	16	11 ·42	25 ·46	9	21	Mon.	14	11 ·31	3 ·81	9
23	Mon.	17	10 ·60	19 ·01	8	22	Sat.	17	12 ·32	26 ·39	10	22	Tues.	15	12 ·22	4 ·77	10
24	Tues.	18	11 ·57	20 ·01	9	23	Sun.	18	13 ·22	27 ·33	11	23	Wed.	16	13 ·15	5 ·73	11
				21 ·99		24	Mon.	19	14 ·12	1 ·26	12	24	Thur. ○	17	14 ·09	6 ·71	12
25	Wed.	19	12 ·51	22 ·95	10	25	Tues.	20	**P** ·03	2 ·19	13	25	Fri.	18	**P** ·06	7 ·71	13
26	Thur.	20	13 ·44	23 ·90	11				1 ·95			26	Sat.	19	1 ·04	8 ·73	14
27	Fri.	21	14 ·35	24 ·85	12	26	Wed.	21	2 ·87	3 ·14	14	27	Sun.	20	2 ·04	9 ·77	15
28	Sat.	22	**P** ·25	25 ·78	13	27	Thur.	22	3 ·81	4 ·09	15	28	Mon.	21	3 ·06	10 ·83	16
29	Sun.	23	1 ·15	26 ·71	14	28	Fri.	23	4 ·76	5 ·07	16	29	Tues.	22	4 ·10	11 ·91	17
			2 ·05			29	Sat.	24	5 ·76	6 ·06	17	—30	Wed.	23	5 ·17	... ...	18
30	Mon.	24	3 ·95	27 ·64	15	—30	Sun.	25	6 ·76	7 ·07	18	1	Thur.	24	6 ·25	12 ·01	19
—31	Tues.	25	4 ·86	1 ·57	16	1	Mon.	26	7 ·77	8 ·10	19	2	Fri.	25	7 ·35	13 ·11	20
1	Wed.	26	5 ·77	2 ·52	17	2	Tues.	27	8 ·81	9 ·15	20	3	Sat.	26	8 ·44	14 ·23	21
2	Thur.	27	6 ·69	3 ·47	18	3	Wed.	28	9 ·87	10 ·21	21	4	Sun.	27	9 ·52	15 ·33	22
3	Fri.	28	7 ·63	4 ·43	19	4	Thur.	29	10 ·95	11 ·31	22	5	Mon.	28	10 ·60	16 ·42	23
4	Sat.	29	8 ·58	5 ·41	20	5	Fri.	30	... ...	12 ·41	23	6	Tues.	29	11 ·64	17 ·50	24
5	Sun.	30	9 ·56	6 ·41	21	6	Sat.	31	11 ·03	13 ·51	24	7	Wed.	30	12 ·68	18 ·56	25
6	Mon.	31	10 ·56	7 ·43	22							8	Thur.	31	13 ·69	19 ·61	26

Raktāksha. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Śukla.* **Bhādrapada.** *Śukla.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* *Raktāksha.* **Mārgaśīrsha.** *Śukla.* **Pausha.** *Bahula.* *Raktāksha.* **Māgha—Tai.** *Bahula.*

Raktāksha. **Kan.—Pur.** *Raktāksha.* **Simha—Āvani.** *Raktāksha.* **Tulā—Aippasi.** *Raktāksha.* **Vṛiśchika—Kārttigai.** *Raktāksha.* **Dhanus—Mārgali.**

H. 415 *Jamādā'l awwal.* *H.* 415 *Jamādā'l ākhir.* *H.* 415 *Rajab.* *H.* 415 *Sha'bān.* *H.* 415 *Ramadān.* *H.* 415 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1025. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year)
Solar Eclipse. ● (Surya Sid.) **March 23·21.** **Śaka 947.** **Kaliyuga 4126.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·17.** **(S. Cycle) Krodhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Fri. 1	14 ·70	20 ·68	27	9	Mon 1	14 ·70	24 ·21	27	9	Sat. 1	1 ·17	4 ·45	—29
10	Sat. 2	—**A** ·67	21 ·63	28	10	Tues. 2	—**A** ·61	25 ·15	28	10	Sun. 2	2 ·08	5 ·39	1
11	Sun. 3	1 ·64	22 ·61	—29	11	Wed. 3	1 ·51	26 ·09	—29	11	Mon. 3	3 ·02 / 4 ·96	6 ·36	2
12	Mon. 4	2 ·57	23 ·58	1	12	Thur. 4	2 ·41	27 ·02 / 1 ·96	1	12	Tues. 4	5 ·91	7 ·33	3
13	Tues. 5	3 ·50	24 ·54	2	13	Fri. 5	3 ·31	2 ·89	2	13	Wed. 5	6 ·89	8 ·33	4
14	Wed. 6	4 ·41	25 ·48	3	14	Sat. 6	4 ·21	3 ·82	3	14	Thur. 6	7 ·88	9 ·34	5
15	Thur. 7	5 ·32	26 ·41	4	15	Sun. 7	5 ·12	4 ·77	4	15	Fri. 7	8 ·90	10 ·39	6
16	Fri. 8	6 ·22	27 ·34	5	16	Mon. 8	6 ·04 / 7 ·96	5 ·72	5	16	Sat. 8	9 ·95	11 ·45	7
17	Sat. 9	7 ·12	1 ·27	6	17	Tues. 9	8 ·91	6 ·70	6	17	Sun. 9	... ...	12 ·52	8
18	Sun. 10	8 ·02 / 9 ·92	2 ·20	7	18	Wed. 10	9 ·87	7 ·68	7	18	Mon. 10	10 ·01	13 ·61	9
19	Mon. 11	10 ·85	3 ·15	8	19	Thur. 11	10 ·86	8 ·69	8	19	Tues. 11	11 ·08	14 ·71	10
20	Tues. 12	11 ·78	4 ·10	9	20	Fri. 12	11 ·85	9 ·71	9	20	Wed. 12	12 ·16	15 ·83	11
21	Wed. 13	12 ·73	5 ·06	10	21	Sat. 13	12 ·80	10 ·76	10	21	Thur. 13	13 ·24	16 ·94	12
22	Thur. 14	13 ·69	6 ·04	11	22	Sun. 14	13 ·93	11 ·83	11	22	Fri. 14	14 ·32	.. ...	13
23	Fri. 15	14 ·67	7 ·03	12	23	Mon. 15	14 ·98	12 ·92	12	23	Sat. 15	**P** ·38	17 ·03	14
24	Sat. 16	**P** ·67	8 ·05	13	24	Tues. 16	... ...	...	13	24	Sun. 16	1 ·43	18 ·11	15
25	Sun. 17	1 ·71	9 ·09	14	25	Wed. 17	**P** ·06	18 ·01	14	25	Mon. 17	2 ·47	19 ·18	16
26	Mon. 18	2 ·75	10 ·14	15	26	Thur. 18	1 ·14	14 ·12	15	26	Tues. 18	3 ·47	20 ·23	17
27	Tues. 19	3 ·81	11 ·22	16	27	Fri. 19	2 ·23	15 ·23	16	27	Wed. 19	4 ·47	21 ·25	18
28	Wed. 20	4 ·88	12 ·31	17	28	Sat. 20	3 ·31	16 ·33	17	28	Thur. 20	5 ·44	22 ·25	19
—29	Thur. 21	5 ·97	13 ·42	18	29	Sun. 21	4 ·38	17 ·43	18	29	Fri. 21	6 ·39	23 ·24	20
1	Fri. 22	.. ...	14 ·52	19	—30	Mon. 22	5 ·43	18 ·50	19	30	Sat. 22	7 ·33	24 ·20	21
2	Sat. 23	6 ·06	15 ·63	20	1	Tues. 23	6 ·46	19 ·55	20	—31	Sun. 23	8 ·25	25 ·17	22
3	Sun. 24	7 ·15	16 ·73	21	2	Wed. 24	7 ·47	20 ·59	21	1	Mon. 24	9 ·16	26 ·11	23
4	Mon. 25	8 ·22	17 ·81	22	3	Thur. 25	8 ·46	21 ·60	22	2	Tues. 25	10 ·06 / 11 ·96	27 ·04 / 1 ·97	24
5	Tues. 26	9 ·28	18 ·88	23	4	Fri. 26	9 ·44	22 ·60	23	3	Wed. 26	12 ·86	2 ·90	25
6	Wed. 27	10 ·31	19 ·93	24	5	Sat. 27	10 ·38	23 ·58	24	4	Thur. 27	13 ·76	3 ·83	26
7	Thur. 28	11 ·33	20 ·95	25	6	Sun. 28	11 ·32	24 ·54	25	5	Fri. 28	14 ·66	4 ·78	27
8	Fri. 29	12 ·32	21 ·96	26	7	Mon. 29	12 ·24	25 ·49	26	6	Sat. 29	—**A** ·58	5 ·73	28
9	Sat. 30	13 ·29	22 ·94	27	8	Tues. 30	13 ·16	26 ·43	27	7	Sun. 30	1 ·50	6 ·69	29
10	Sun. 31	14 ·24	23 ·91	28	9	Wed. 31	14 ·06 / **A** ·96	27 ·37	28	8	Mon. 31	2 ·43	7 ·66	—30
	Feb.					**April.**					**June.**			
11	Mon. 1	—**A** ·18	24 ·87	29	10	Thur. 1	1 ·86	1 ·30	29	9	Tues. 1	3 ·39	8 ·65	1
12	Tues. 2	1 ·11	25 ·82	—30	11	Fri. 2	2 ·76	2 ·23	—30	10	Wed. 2	4 ·36	9 ·67	2
13	Wed. 3	2 ·03 / 3 ·93	26 ·75	1	12	Sat. 3	3 ·67	3 ·16	1	11	Thur. 3	5 ·36	10 ·70	3
14	Thur. 4	4 ·83	27 ·68	2	13	Sun. 4	4 ·58	4 ·10	2	12	Fri. 4	6 ·38	11 ·75	4
15	Fri. 5	5 ·73	1 ·61	3	14	Mon. 5	5 ·50	5 ·06	3	13	Sat. 5	7 ·43	12 ·82	5
16	Sat. 6	6 ·64	2 ·55	4	15	Tues. 6	6 ·45	6 ·03	4	14	Sun. 6	8 ·48	13 ·91	6
17	Sun. 7	7 ·55	3 ·49	5	16	Wed. 7	7 ·40	7 ·01	5	15	Mon. 7	9 ·54	... ...	7
18	Mon. 8	8 ·46	4 ·43	6	17	Thur. 8	8 ·39	8 ·01	6	16	Tues. 8	10 ·62	14 ·02	8
19	Tues. 9	9 ·38	5 ·39	7	18	Fri. 9	9 ·38	9 ·03	7	17	Wed. 9	11 ·70	15 ·13	9
20	Wed. 10	10 ·34	6 ·36	8	19	Sat. 10	10 ·41	10 ·07	8	18	Thur. 10	12 ·79	16 ·23	10
21	Thur. 11	11 ·30	7 ·86	9	20	Sun. 11	11 ·45	11 ·14	9	19	Fri. 11	13 ·86	17 ·33	11
22	Fri. 12	12 ·29	8 ·37	10	21	Mon. 12	12 ·51	12 ·22	10	20	Sat. 12	14 ·91	18 ·42	12
23	Sat. 13	13 ·28	9 ·40	11	22	Tues. 13	13 ·58	13 ·31	11	21	Sun. 13	**P** ·94	19 ·50	13
24	Sun. 14	14 ·31	10 ·45	12	23	Wed. 14	14 ·66	14 ·42	12	22	Mon. 14	1 ·95	20 ·54	14
25	Mon. 15	**P** ·36	11 ·52	13	24	Thur. 15	**P** ·74	15 ·52	13	23	Tues. 15	2 ·94	21 ·57	15
26	Tues. 16	1 ·42	12 ·62	14	25	Fri. 16	1 ·82	16 ·64	14	24	Wed. 16	3 ·91	22 ·58	16
27	Wed. 17	2 ·50	13 ·72	15	26	Sat. 17	2 ·90	17 ·73	15	25	Thur. 17	4 ·87	23 ·57	17
28	Thur. 18	3 ·58	14 ·82	16	27	Sun. 18	3 ·95	18 ·81	16	26	Fri. 18	5 ·81	24 ·55	18
29	Fri. 19	4 ·67	15 ·93	17	28	Mon. 19	4 ·98	19 ·87	17	27	Sat. 19	6 ·73	25 ·50	19
—30	Sat. 20	5 ·75	.. ...	18	29	Tues. 20	5 ·99	20 ·90	18	28	Sun. 20	7 ·64	26 ·45	20
1	Sun. 21	6 ·81	16 ·03	19	30	Wed. 21	6 ·98	21 ·93	19	29	Mon. 21	8 ·53	27 ·38	21
2	Mon. 22	7 ·87	17 ·12	20	—31	Thur. 22	7 ·95	22 ·93	20	30	Tues. 22	9 ·43	1 ·31	22
3	Tues. 23	8 ·91	18 ·19	21	1	Fri. 23	8 ·90	23 ·91	21	31	Wed. 23	10 ·33	2 ·24	23
4	Wed. 24	9 ·92	19 ·24	22	2	Sat. 24	9 ·84	24 ·87	22	—32	Thur. 24	11 ·23	3 ·18	24
5	Thur. 25	10 ·91	20 ·27	23	3	Sun. 25	10 ·76	25 ·82	23	1	Fri. 25	12 ·13	4 ·12	25
6	Fri. 26	11 ·88	21 ·28	24	4	Mon. 26	11 ·67	26 ·77	24	2	Sat. 26	13 ·05 / 14 ·97	5 ·06	26
7	Sat. 27	12 ·83	22 ·27	25	5	Tues. 27	12 ·57	27 ·71	25					
8	Sun. 28	13 ·77	23 ·25	26	6	Wed. 28	13 ·47	1 ·63	26	3	Sun. 27	—**A** ·92	6 ·02 / 7 ·99	27
					7	Thur. 29	14 ·37	2 ·58	27	4	Mon. 28	1 ·87	8 ·98	28
					8	Fri. 30	—**A** ·27	3 ·50	28	5	Tues. 29	2 ·84	9 ·99	—29
										6	Wed. 30	3 ·84	... ...	1

Rakṭāksha. **Makara—Tai.** *Sukla.* *Bahula.* *H.* 415 *Ṭi-l-ka'da.*

Rakṭāksha. **Kumbha—Māśi.** *Sukla.* *Bahula.* *H.* 415 *Ṭ-l-hijja.*

Rakṭāksha. **Mīna—Panguni.** *Sukla.* *Bahula.* *H.* 416 *Muharram.*

Krodhana. **Mēsha—Chittirai.** *Sukla.* *Bahula.* *H.* 416 *Śafar.*

Krodhana. **Vṛishabha—Vaigāśi.** *Sukla.* *Bahula.* *H.* 416 *Rabi-ul awwal.*

Krodhana. **Mithuna—Āni.** *Sukla.* *Bahula.* *H.* 416 *Rabi-ul ākhir.*

Krodhana. **Kark.—Ādi.**

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1025. **Kollam 201,** {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 416.** **Vikrama 1082.**
A—Amāvāsyā. Commences Commences **March 4.** **Bengal San. 431.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Thur. 1	4 ·86	10 ·01	2	6	Wed. 1	6 ·30	17 ·24	5	7	Mon. 1	8 ·66	23 ·20	7
8	Fri. 2	5 ·90	11 ·06	3	7	Thur. 2	7 ·38	18 ·34	6	8	Tues. 2	9 ·63	24 ·19	8
9	Sat. 3	6 ·94	12 ·13	4	8	Fri. 3	8 ·43	19 ·42	7	9	Wed. 3	10 ·57	25 ·17	9
10	Sun. 4	... ...	13 ·22	5	9	Sat. 4	9 ·47	20 ·48	8	10	Thur. 4	11 ·50	26 ·13	10
11	Mon. 5	7 ·02	14 ·32	6	10	Sun. 5	10 ·48	21 ·52	9	11	Fri. 5	12 ·41	27 ·08	11
12	Tues. 6	8 ·10	15 ·43	7	11	Mon. 6	11 ·48	22 ·55	10	12	Sat. 6	13 ·32	1 ·01 / 2 ·94	12
13	Wed. 7	9 ·18	16 ·53	8	12	Tues. 7	12 ·46	23 ·55	11					
14	Thur. 8	10 ·26	17 ·63	9	13	Wed. 8	13 ·43	24 ·53	12	13	Sun. 7	14 ·23	3 ·87	13
15	Fri. 9	11 ·33	18 ·73	10	14	Thur. 9	14 ·37	25 ·50	13	14	Mon. 8	P ·13	4 ·81	14
16	Sat. 10	12 ·39	19 ·80	11	15	Fri. 10	P ·29	26 ·45	14			1 ·03		
17	Sun. 11	13 ·42	20 ·86	12	16	Sat. 11	1 ·20	27 ·40	15	15	Tues. 9	2 ·93	5 ·75	15
18	Mon. 12	14 ·44	21 ·89	13	17	Sun. 12	2 ·11	1 ·34	16	16	Wed. 10	3 ·85	6 ·69	16
19	Tues. 13	P ·43	22 ·90	14	18	Mon. 13	3 ·01 / 4 ·91	2 ·27	17	17	Thur. 11	4 ·79	7 ·64	17
20	Wed. 14	1 ·41	23 ·89	15						18	Fri. 12	5 ·74	8 ·61	18
21	Thur. 15	2 ·36	24 ·88	16	19	Tues. 14	5 ·81	3 ·20	18	19	Sat. 13	6 ·69	9 ·61	19
22	Fri. 16	3 ·30	25 ·84	17	20	Wed. 15	6 ·72	4 ·13	19	20	Sun. 14	7 ·67	10 ·61	20
23	Sat. 17	4 ·23	26 ·78	18	21	Thur. 16	7 ·63	5 ·08	20	21	Mon. 15	8 ·67	11 ·63	21
24	Sun. 18	5 ·13	27 ·72	19	22	Fri. 17	8 ·57	6 ·02 / 7 ·98	21	22	Tues. 16	9 ·70	12 ·67	22
25	Mon. 19	6 ·03 / 7 ·93	1 ·65	20	23	Sat. 18	9 ·51	8 ·93	22	23	Wed. 17	10 ·75	13 ·74	23
26	Tues. 20	8 ·83	2 ·59	21	24	Sun. 19	10 ·46	9 ·95	23	24	Thur. 18	11 ·81	14 ·83	24
27	Wed. 21	9 ·73	3 ·52	22	25	Mon. 20	11 ·44	10 ·97	24	25	Fri. 19	12 ·90	15 ·93	25
28	Thur. 22	10 ·63	4 ·45	23	26	Tues. 21	12 ·43	... ...	25	26	Sat. 20	13 ·98	... ...	26
29	Fri. 23	11 ·55	5 ·40	24	27	Wed. 22	13 ·45	11 ·00	26	27	Sun. 21	... ...	16 ·03	27
30	Sat. 24	12 ·47	6 ·35	25	28	Thur. 23	14 ·49	12 ·06	27	28	Mon. 22	14 ·06	17 ·14	28
31	Sun. 25	13 ·41	7 ·32	26	29	Fri. 24	A ·55	13 ·13	28	29	Tues. 23	A ·15	18 ·24	29
32	Mon. 26	14 ·36	8 ·31	27	30	Sat. 25	1 ·62	14 ·22	29	1	Wed. 24	1 ·22	19 ·34	30
1	Tues. 27	A ·35	9 ·31	28	1	Sun. 26	2 ·71	15 ·32	30	2	Thur. 25	2 ·28	20 ·42	1
2	Wed. 28	1 ·34	10 ·33	29	2	Mon. 27	3 ·80	16 ·44	1	3	Fri. 26	3 ·31	21 ·47	2
3	Thur. 29	2 ·34	11 ·37	30	3	Tues. 28	4 ·88	17 ·54	2	4	Sat. 27	4 ·34	22 ·51	3
4	Fri. 30	3 ·39	12 ·44	1	4	Wed. 29	5 ·96	18 ·64	3	5	Sun. 28	5 ·33	23 ·52	4
5	Sat. 31	4 ·44	13 ·52	2	5	Thur. 30	... ...	19 ·72	4	6	Mon. 29	6 ·30	24 ·53	5
										7	Tues. 30	7 ·27	25 ·50	6
	Aug.					**Oct.**					**Dec.**			
6	Sun. 1	5 ·52	14 ·62	3	6	Fri. 1	6 ·01	20 ·79	5	8	Wed. 1	8 ·20	26 ·46	7
7	Mon. 2	6 ·60	15 ·72	4	7	Sat. 2	7 ·05	21 ·85	6	9	Thur. 2	9 ·12	27 ·41	8
8	Tues. 3	7 ·69	16 ·83	5	8	Sun. 3	8 ·07	22 ·87	7	10	Fri. 3	10 ·03 / 11 ·95	1 ·35	9
9	Wed. 4	8 ·77	17 ·94	6	9	Mon. 4	9 ·07	23 ·88	8					
10	Thur. 5	9 ·84	... ...	7	10	Tues. 5	10 ·05	24 ·86	9	11	Sat. 4	12 ·85	2 ·28	10
11	Fri. 6	10 ·89	18 ·04	8	11	Wed. 6	11 ·02 / 12 ·95	25 ·83	10	12	Sun. 5	13 ·75	3 ·22	11
12	Sat. 7	11 ·92	19 ·11	9						13	Mon. 6	14 ·65	4 ·15	12
13	Sun. 8	12 ·95	20 ·17	10	12	Thur. 7	13 ·87	26 ·80	11	14	Tues. 7	P ·57	5 ·08	13
14	Mon. 9	13 ·94	21 ·21	11	13	Fri. 8	14 ·79	27 ·74	12	15	Wed. 8	1 ·49	6 ·03 / 7 ·93	14
15	Tues. 10	14 ·92	22 ·22	12	14	Sat. 9	P ·70	1 ·68	13					
16	Wed. 11	P ·88	23 ·23	13	15	Sun. 10	1 ·61	2 ·61	14	16	Thur. 9	2 ·43	8 ·95	15
17	Thur. 12	1 ·82	24 ·21	14	16	Mon. 11	2 ·51	3 ·54	15	17	Fri. 10	3 ·38	9 ·93	16
18	Fri. 13	2 ·74	25 ·17	15	17	Tues. 12	3 ·41	4 ·48	16	18	Sat. 11	4 ·33	10 ·93	17
19	Sat. 14	3 ·65	26 ·12	16	18	Wed. 13	4 ·31	5 ·41	17	19	Sun. 12	5 ·32	11 ·95	18
20	Sun. 15	4 ·55	27 ·06	17	19	Thur. 14	5 ·22	6 ·36	18	20	Mon. 13	6 ·32	12 ·99	19
21	Mon. 16	5 ·45	1 ·00 / 2 ·93	18	20	Fri. 15	6 ·16	7 ·31	19	21	Tues. 14	7 ·34	... ...	20
22	Tues. 17	6 ·35	3 ·86	19	21	Sat. 16	7 ·10	8 ·23	20	22	Wed. 15	8 ·40	13 ·05	21
23	Wed. 18	7 ·25	4 ·79	20	22	Sun. 17	8 ·06	9 ·27	21	23	Thur. 16	9 ·46	14 ·13	22
24	Thur. 19	8 ·16	5 ·73	21	23	Mon. 18	9 ·04	10 ·29	22	24	Fri. 17	10 ·54	15 ·23	23
25	Fri. 20	9 ·08	6 ·69	22	24	Tues. 19	10 ·04	11 ·32	23	25	Sat. 18	11 ·63	16 ·33	24
26	Sat. 21	10 ·01 / 11 ·95	7 ·65	23	25	Wed. 20	11 ·06	12 ·37	24	26	Sun. 19	12 ·72	17 ·44	25
					26	Thur. 21	12 ·10	13 ·43	25	27	Mon. 20	13 ·80	18 ·55	26
27	Sun. 22	12 ·89	8 ·63	24	27	Fri. 22	13 ·17	14 ·52	26	28	Tues. 21	14 ·86	19 ·64	27
28	Mon. 23	13 ·87	9 ·63	25	28	Sat. 23	14 ·24	15 ·63	27	29	Wed. 22	A ·92	20 ·72	28
29	Tues. 24	14 ·86	10 ·64	26	29	Sun. 24	A ·33	16 ·73	28	30	Thur. 23	1 ·96	21 ·78	29
30	Wed. 25	A ·88	11 ·69	27	30	Mon. 25	1 ·42	17 ·84	29	1	Fri. 24	2 ·98	22 ·82	1
31	Thur. 26	1 ·92	12 ·75	28	1	Tues. 26	2 ·51	18 ·94	1	2	Sat. 25	3 ·98	23 ·84	2
1	Fri. 27	2 ·97	13 ·83	29	2	Wed. 27	3 ·57	... ...	2	3	Sun. 26	4 ·96	24 ·85	3
2	Sat. 28	... ...	14 92	1	3	Thur. 28	4 ·63	19 ·03	3	4	Mon. 27	5 ·92	25 ·83	4
3	Sun. 29	3 ·04	... ...	2	4	Fri. 29	5 ·67	20 ·11	4	5	Tues. 28	6 ·85	26 ·80	5
4	Mon. 30	4 ·12	15 ·02	3	5	Sat. 30	6 ·69	21 ·16	5	6	Wed. 29	7 ·77	27 ·75	6
5	Tues. 31	5 ·22	16 ·13	4	6	Sun. 31	7 ·69	22 ·19	6	7	Thur. 30	8 ·68	1 ·69	7
										8	Fri. 31	9 ·59	2 ·63	8

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1026. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·47.** **Śaka 948.** **Kaliyuga 4127.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·43.** **(S. Cycle) Kshaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sat. 1	10 ·49	3 ·56	9	9	Tues. 1	10 ·33	8 ·94	8	9	Sun. 1	12 ·22	14 ·67	10
10	Sun. 2	11 ·39	4 ·49	10	10	Wed. 2	11 ·27	9 ·91	9	10	Mon. 2	13 ·28	15 ·74	11
11	Mon. 3	12 ·30	5 ·42	11	11	Thur. 3	12 ·21	10 ·90	10	11	Tues. 3	14 ·37	16 ·83	12
12	Tues. 4	13 ·21	6 ·36	12	12	Fri. 4	13 ·18	11 ·91	11	12	Wed.○ 4	P ·41	17 ·94	13
13	Wed. 5	14 ·12	7 ·32	13	13	Sat. 5	14 ·16	12 ·93	12	13	Thur. 5	1 ·49	... ...	14
14	Thur. 6	P ·07	8 ·28	14	14	Sun. 6	P ·16	13 ·98	13	14	Fri. 6	2 ·58	18 ·04	15
15	Fri. 7	1 ·02 2 ·97	9 ·25	15	15	Mon. 7	1 ·17	... ...	14	15	Sat. 7	3 ·65	19 ·16	16
16	Sat. 8	3 ·96	10 ·25	16	16	Tues. 8	2 ·23	14 ·04	15	16	Sun. 8	4 ·72	20 ·25	17
17	Sun. 9	4 ·97	11 ·26	17	17	Wed. 9	3 ·30	15 ·13	16	17	Mon. 9	5 ·77	21 ·33	18
18	Mon. 10	...	12 ·31	18	18	Thur. 10	4 ·38	16 ·23	17	18	Tues. 10	6 ·80	22 ·40	19
19	Tues. 11	5 ·00	13 ·36	19	19	Fri. 11	5 ·47	17 ·34	18	19	Wed. 11	7 ·82	23 ·44	20
20	Wed. 12	6 ·04	14 ·44	20	20	Sat. 12	6 ·56	18 ·45	19	20	Thur. 12	8 ·80	24 ·47	21
21	Thur. 13	7 ·10	15 ·53	21	21	Sun. 13	7 ·64	19 ·55	20	21	Fri. 13	9 ·77	25 ·47	22
22	Fri. 14	8 ·18	16 ·63	22	22	Mon. 14	8 ·69	20 ·64	21	22	Sat. 14	10 ·71	26 ·46	23
23	Sat. 15	9 ·27	17 ·74	23	23	Tues. 15	9 ·74	21 ·72	22	23	Sun. 15	11 ·64	27 ·42	24
24	Sun. 16	10 ·26	18 ·85	24	24	Wed. 16	10 ·78	22 ·77	23	24	Mon. 16	12 ·57	1 ·38	25
25	Mon. 17	11 ·44	19 ·95	25	25	Thur. 17	11 ·77	23 ·81	24	25	Tues. 17	13 ·48	2 ·32	26
26	Tues. 18	12 ·51	... ...	26	26	Fri. 18	12 ·76	24 ·82	25	26	Wed. 18	14 ·38	3 ·26	27
27	Wed. 19	13 ·57	20 ·03	27	27	Sat. 19	13 ·73	25 ·81	26	27	Thur● 19	—A ·28	4 ·19	28
28	Thur. 20	14 ·61	21 ·09	28	28	Sun. 20	14 ·69	26 ·80	27	28	Fri. 20	1 ·18	5 ·12	29
—29	Fri. 21	—A ·61	22 ·14	29	29	Mon. 21	—A ·62	27 ·76	28	29	Sat. 21	2 ·08 3 ·98	6 ·05 7 ·99	—30
1	Sat. 22	1 ·60	23 ·17	30	—30	Tues. 22	1 ·55	1 ·71	29	30	Sun. 22	4 ·89	8 ·95	1
2	Sun. 23	2 ·59	24 ·18	1	1	Wed. 23	2 ·46	2 ·65	—30	31	Mon. 23	5 ·81	9 ·91	2
3	Mon. 24	3 ·53	25 ·16	2	2	Thur. 24	3 ·36	3 ·58	1	—32	Tues. 24	6 ·75	10 ·88	3
4	Tues. 25	4 ·47	26 ·13	3	3	Fri. 25	4 ·26	4 ·52	2	1	Wed. 25	7 ·71	11 ·87	4
5	Wed. 26	5 ·39	27 ·08	4	4	Sat. 26	5 ·16	5 ·45	3	2	Thur. 26	8 ·70	12 ·88	5
6	Thur. 27	6 ·31	1 ·03 2 ·97	5	5	Sun. 27	6 ·06 7 ·96	6 ·38	4	3	Fri. 27	9 ·69	13 ·92	6
7	Fri. 28	7 ·22	3 ·90	6	6	Mon. 28	8 ·88	7 ·32	5	4	Sat. 28	10 ·71	14 ·97	7
8	Sat. 29	8 ·12	4 ·83	7	7	Tues. 29	9 ·81	8 ·27	6	5	Sun. 29	11 ·75	... ...	8
9	Sun. 30	9 ·02 10 ·92	5 ·76	8	8	Wed. 30	10 ·75	9 ·24	7	6	Mon. 30	12 ·80	15 ·05	9
10	Mon. 31	11 ·83	6 ·71	9	9	Thur. 31	11 ·72	10 ·28	8	7	Tues. 31	13 ·88	16 ·13	10
	Feb.					**April.**					**June.**			
11	Tues. 1	12 ·74	7 ·65	10	10	Fri. 1	12 ·70	11 ·23	9	8	Wed. 1	14 ·96	17 ·23	11
12	Wed. 2	13 ·68	8 ·61	11	11	Sat. 2	13 ·71	12 ·25	10	9	Thur. 2	... ...	18 ·35	12
13	Thur. 3	14 ·63	9 ·58	12	12	Sun. 3	14 ·73	13 ·29	11	10	Fri. 3	P ·04	19 ·46	13
14	Fri. 4	P ·59	10 ·57	13	13	Mon. 4	P ·77	14 ·35	12	11	Sat. 4	1 ·12	20 ·55	14
15	Sat. 5	1 ·57	11 ·59	14	14	Tues. 5	1 ·83	15 ·44	13	12	Sun. 5	2 ·20	21 ·64	15
16	Sun. 6	2 ·57	12 ·62	15	15	Wed. 6	2 ·90	16 ·53	14	13	Mon. 6	3 ·25	22 ·71	16
17	Mon. 7	3 ·61	13 ·67	16	16	Thur. 7	3 ·99	17 ·64	15	14	Tues. 7	4 ·27	23 ·75	17
18	Tues. 8	4 ·65	14 ·74	17	17	Fri. 8	... ...	18 ·74	16	15	Wed. 8	5 ·29	24 ·79	18
19	Wed. 9	5 ·72	15 ·83	18	18	Sat. 9	4 ·08	19 ·85	17	16	Thur. 9	6 ·27	25 ·80	19
20	Thur. 10	6 ·80	16 ·93	19	19	Sun. 10	5 ·16	20 ·95	18	17	Fri. 10	7 ·24	26 ·79	20
21	Fri. 11	7 ·90	... ...	20	20	Mon. 11	6 ·22	... ...	19	18	Sat. 11	8 ·19	27 ·76	21
22	Sat. 12	8 ·98	17 ·04	21	21	Tues. 12	7 ·27	21 ·03	20	19	Sun. 12	9 ·13	1 ·71	22
23	Sun. 13	... ...	18 ·15	22	22	Wed. 13	8 ·30	22 ·09	21	20	Mon. 13	10 ·04 11 ·95	2 ·67	23
24	Mon. 14	9 ·06	19 ·25	23	23	Thur. 14	9 ·31	23 ·12	22	21	Tues. 14	12 ·86	3 ·60	24
25	Tues. 15	10 ·12	20 ·33	24	24	Fri. 15	10 ·30	24 ·14	23	22	Wed. 15	13 ·76	4 ·53	25
26	Wed. 16	11 ·17	21 ·40	25	25	Sat. 16	11 ·26	25 ·15	24	23	Thur. 16	14 ·66	5 ·46	26
27	Thur. 17	12 ·21	22 ·46	26	26	Sun. 17	12 ·21	26 ·13	25	24	Fri. 17	—A ·56	6 ·39	27
28	Fri. 18	13 ·21	23 ·49	27	27	Mon. 18	13 ·14	27 ·09	26	25	Sat. 18	1 ·46	7 ·34	28
29	Sat. 19	14 ·21	24 ·50	28	28	Tues. 19	14 ·07 A ·98	1 ·04 2 ·98	27	26	Sun. 19	2 ·37	8 ·28	29
—30	Sun. 20	—A ·18	25 ·49	29	29	Wed. 20	1 ·88	3 ·93	28	27	Mon. 20	3 ·29	9 ·24	1
1	Mon. 21	1 ·12	26 ·46	—30	30	Thur. 21	2 ·78	4 ·85	—29	28	Tues. 21	4 ·23	10 ·21	2
2	Tues. 22	2 ·06 3 ·99	27 ·43	1	—31	Fri. 22	3 ·68	5 ·78	1	29	Wed. 22	5 ·18	11 ·19	3
3	Wed. 23	4 ·91	1 ·37	2	1	Sat. 23	4 ·58	6 ·72	2	30	Thur. 23	6 ·17	12 ·21	4
4	Thur. 24	5 ·81	2 ·31	3	2	Sun. 24	5 ·48	7 ·66	3	—31	Fri. 24	7 ·17	13 ·24	5
5	Fri. 25	6 ·71	3 ·24	4	3	Mon. 25	6 ·39	8 ·60	4	1	Sat. 25	8 ·19	14 ·28	6
6	Sat. 26	7 ·61	4 ·17	5	4	Tues. 26	7 ·32	9 ·58	5	2	Sun. 26	9 ·22	15 ·35	7
7	Sun. 27	8 ·51	5 ·11	6	5	Wed. 27	8 ·27	10 ·55	6	3	Mon. 27	10 ·28	16 ·43	8
8	Mon. 28	9 ·42	6 ·04 7 ·99	7	6	Thur. 28	9 ·23	11 ·55	7	4	Tues. 28	11 ·35	17 ·54	9
					7	Fri. 29	10 ·21	12 ·56	8	5	Wed. 29	12 ·42	18 ·65	10
					8	Sat. 30	11 ·21	13 ·60	9	6	Thur. 30	13 ·50	19 ·75	11

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1026. **Kollam 202,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 417.** **Vikrama 1083.**
A—Amāvāsyā. Commences **Bengal San. 432.**
P—Paurnimā. **(N. Cycle) Vibhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Fri.	1	**Ashādha.**			6	Thur.	1			15	7	Tues.	1	**Kārttika.**		17
8	Sat.	2	**P** ·67	21 ·94	13	7	Fri.	2	3 ·66	1 ·72	16	8	Wed.	2	5 ·32	7 ·02 / 8 ·97	18
9	Sun.	3	1 ·71	... ...	14	8	Sat.	3	4 ·59	2 ·67	17						
10	Mon.	4	2 ·75	22 ·01	15	9	Sun.	4	5 ·50	3 ·61	18	9	Thur.	3	6 ·23	9 ·91	19
11	Tues.	5	3 ·77	23 ·08	16	10	Mon.	5	6 ·41	4 ·56	19	10	Fri.	4	7 ·14	10 ·86	20
12	Wed.	6	4 ·76	24 ·11	17	11	Tues.	6	7 ·31	5 ·49	20	11	Sat.	5	8 ·07	11 ·83	21
13	Thur.	7	5 ·72	25 ·12	18	12	Wed.	7	8 ·21	6 ·42	21				9 ·01		
14	Fri.	8	6 ·67	26 ·11	19	13	Thur.	8	9 ·10	7 ·35	22	12	Sun.	6	10 ·97	12 ·81	22
15	Sat.	9	7 ·62	27 ·09	20							13	Mon.	7	11 ·96	13 ·83	23
16	Sun.	10	*Bahula.* 8 ·54	1 ·05	21	14	Fri.	9	10 ·01 / 11 ·93	8 ·29	23	14	Tues.	8	12 ·96	14 ·85	24
				2 ·00								15	Wed.	9	... ...	15 ·90	25
17	Mon.	11	9 ·45	3 ·94	22	15	Sat.	10	12 ·85	9 ·23	24				*Bahula.*		
					H. 417 Jamāda'l awwal.						*H. 417 Rajab.*				13 ·00	16 ·96	26
18	Tues.	12	10 ·35	4 ·87	23	16	Sun.	11	13 ·80	10 ·20	25				14 ·04	... ...	27
19	Wed.	13	11 ·25	5 ·80	24	17	Mon.	12	14 ·75	11 ·18	26	17	Fri.	11			
20	Thur.	14	12 ·15	6 ·74	25	18	Tues.	13	**A** ·73	12 ·17	27	18	Sat. ●	12	**A** ·10	17 ·04	28
						19	Wed.	14	1 ·75	13 ·18	28	19	Sun.	13	1 ·18	18 ·15	29
21	Fri.	15	13 ·05 / 14 ·95	7 ·67	26	20	Thur.	15	2 ·77	14 ·21	29	20	Mon.	14	2 ·26	19 ·25	—30
												21	Tues.	15	3 ·34	20 ·36	1
22	Sat.	16	**A** ·87	8 ·62	27	21	Fri.	16	3 ·81	15 ·28	—30	22	Wed.	16	4 ·43	21 ·46	2
23	Sun.	17	1 ·79	9 ·57	28	22	Sat.	17	4 ·87	16 ·35	1	23	Thur.	17	5 ·50	22 ·55	3
24	Mon.	18	2 ·72	10 ·53	29	23	Sun.	18	5 ·94	17 ·44	2	24	Fri.	18	6 ·57	23 ·64	4
25	Tues.	19	*Sukla.* 3 ·68	11 ·53	—30	24	Mon.	19	*Sukla.*	18 ·54	3	25	Sat.	19	7 ·61	24 ·69	5
26	Wed.	20	4 ·66	12 ·53	1	25	Tues.	20	6 ·02	19 ·65	4	26	Sun.	20	8 ·63	25 ·73	6
27	Thur.	21	5 ·67	13 ·55	2	26	Wed.	21	7 ·10	20 ·76	5	27	Mon.	21	9 ·61	26 ·74	7
28	Fri.	22	6 ·68	14 ·59	3	27	Thur.	22	8 ·18	21 ·86	6	28	Tues.	22	10 ·59	27 ·74	8
29	Sat.	23	7 ·71	15 ·65	4	28	Fri.	23	9 ·26	22 ·94	7	29	Wed.	23	11 ·55	1 ·71	9
30	Sun.	24	8 ·77	16 ·74	5	29	Sat.	24	10 ·32	... ...	8	—30	Thur.	24	12 ·49	2 ·68	10
31	Mon.	25	9 ·84	17 ·84	6	—30	Sun.	25	11 ·35	23 ·01	9	1	Fri.	25	13 ·41	3 ·63	11
—32	Tues.	26	10 ·93	18 ·95	7	1	Mon.	26	12 ·38	24 ·06	10	2	Sat.	26	14 ·32	4 ·57	12
1	Wed.	27	... ...	... ...	8	2	Tues.	27	13 ·36	25 ·09	11	3	Sun.	27	**P** ·23	5 ·50	13
2	Thur.	28	11 ·02	19 ·05	9	3	Wed.	28	14 ·34	26 ·10	12	4	Mon.	28	1 ·13	6 ·43	14
3	Fri.	29	12 ·10	20 ·15	10	4	Thur.	29	**P** ·31	27 ·08	13				2 ·03		
4	Sat.	30	13 ·16	21 ·25	11	5	Fri.	30	1 ·24	1 ·05	14	5	Tues.	29	3 ·94	7 ·37	15
5	Sun.	31	14 ·21	22 ·33	12							6	Wed.	30	4 ·85	8 ·30	16
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	**P** ·25	23 ·39	13	6	Sat.	1	2 ·17	2 ·01 / 3 ·96	15	7	Thur.	1	5 ·77	9 ·24	17
7	Tues.	2	1 ·27	24 ·43	14							8	Fri.	2	6 ·71	10 ·20	18
8	Wed.	3	2 ·26	25 ·44	15	7	Sun.	2	3 ·07 / 4 ·98	4 ·90	16	9	Sat.	3	7 ·65	11 ·16	19
9	Thur.	4	3 ·23	26 ·44	16							10	Sun.	4	8 ·62	12 ·15	20
10	Fri.	5	4 ·19	27 ·43	17	8	Mon.	3	5 ·89	5 ·83	17	11	Mon.	5	9 ·61	13 ·15	21
11	Sat.	6	5 ·12	1 ·39	18	9	Tues.	4	6 ·80	6 ·75	18	12	Tues.	6	10 ·61	14 ·17	22
			6 ·04			10	Wed.	5	7 ·70	7 ·69	19	13	Wed.	7	*Bahula.* 11 ·64	15 ·21	23
12	Sun.	7	7 ·96	2 ·34	19	11	Thur.	6	8 ·60	8 ·62	20	14	Thur.	8	12 ·68	16 ·27	24
			Bahula.						*Bahula.*								
13	Mon.	8	8 ·86	3 ·28	20	12	Fri.	7	9 ·52	9 ·58	21	15	Fri.	9	13 ·76	17 ·35	25
14	Tues.	9	9 ·76	4 ·21	21	13	Sat.	8	10 ·44	10 ·53	22	16	Sat.	10	14 ·84	18 ·45	26
15	Wed.	10	10 ·66	5 ·15	22	14	Sun.	9	11 ·39	11 ·50	23	17	Sun.	11	**A** ·92	19 ·55	27
16	Thur.	11	11 ·56	6 ·08	23	15	Mon.	10	12 ·35	12 ·49	24	18	Mon.	12	... .	20 ·66	28
				7 ·01		16	Tues.	11	13 ·34	13 ·50	25	19	Tues.	13	1 ·01	21 ·76	—29
17	Fri.	12	12 ·46	8 ·95	24	17	Wed.	12	14 ·34	14 ·54	26	20	Wed.	14	2 ·09	22 ·85	1
18	Sat.	13	13 ·38	9 ·90	25	18	Thur.	13	**A** ·36	15 ·59	27	21	Thur.	15	3 ·16	23 ·94	2
19	Sun.	14	14 ·30	10 ·87	26	19	Fri.	14	1 ·40	16 ·65	28	22	Fri.	16	4 ·22	.. ...	3
20	Mon.	15	**A** ·24	11 ·85	27	20	Sat.	15	2 ·46	17 ·74	—29	23	Sat.	17	5 ·26	24 ·00	4
21	Tues.	16	1 ·20	12 ·86	28	21	Sun.	16	3 ·54	18 ·84	1	24	Sun.	18	6 ·27	25 ·04	5
22	Wed.	17	2 ·18	13 ·86	—29	22	Mon.	17	4 ·63	19 ·96	2	25	Mon.	19	7 ·27	26 ·06	6
23	Thur.	18	3 ·19	14 ·90	1	23	Tues.	18	5 ·72	... ..	3	26	Tues.	20	8 ·24	27 ·06	7
24	Fri.	19	4 ·20	15 ·96	2	24	Wed.	19	*Sukla.* 6 ·80	20 ·03	4	27	Wed.	21	9 ·20	1 ·05	8
25	Sat.	20	5 ·25	... ...	3	25	Thur.	20	7 ·88	21 ·16	5					2 ·02	
26	Sun.	21	6 ·29	16 ·05	4	26	Fri.	21	8 ·93	22 ·25	6	28	Thur.	22	10 ·13	3 ·97	9
27	Mon.	22	7 ·36	17 ·14	5	27	Sat.	22	9 ·97	23 ·32	7						
28	Tues.	23	8 ·41	18 ·24	6	28	Sun.	23	10 ·99	24 ·38	8	—29	Fri.	23	11 ·06 / 12 ·97	4 ·91	10
29	Wed.	24	9 ·53	19 ·35	7	29	Mon.	24	11 ·98	25 ·41	9						
30	Thur.	25	10 ·61	20 ·45	8	—30	Tues.	25	12 ·96	26 ·42	10	1	Sat.	24	13 ·87	5 ·84	11
—31	Fri.	26	11 ·69	21 ·56	9	1	Wed.	26	13 ·91	27 ·41	11	2	Sun.	25	14 ·77	6 ·78	12
1	Sat.	27	12 ·75	22 ·64	10	2	Thur.	27	14 ·86	1 ·38	12	3	Mon.	26	**P** ·67	7 ·71	13
2	Sun.	28	13 ·78	23 ·70	11	3	Fri. ○	28	**P** ·79	2 ·34	13	4	Tues.	27	1 ·58	8 ·64	14
3	Mon.	29	14 ·80	24 ·74	12	4	Sat.	29	1 ·69	3 ·30	14	5	Wed.	28	2 ·49	9 ·58	15
4	Tues.	30	**P** ·79	25 ·76	13	5	Sun.	30	2 ·59	4 ·23	15	6	Thur.	29	3 ·40	10 ·53	16
5	Wed.	31	1 ·76	26 ·77	14	6	Mon.	31	3 ·50	5 ·16	16	7	Fri.	30	4 ·33	11 ·50	17
												8	Sat.	31	5 ·29	12 ·47	18

Kshaya. **Karkataka—Ādi.** *Kshaya.* **Kanyā—Purattāsi.** *Kshaya.* **Vriśchika—Kārttigai.**
Kshaya. **Simha—Āvani.** *Kshaya.* **Tulā—Aippasi.** *Kshaya.* **Dhanus—Margali.**
Kshaya. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab-

A.D. 1027. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 27·73.** **Śaka 949.** **Kaliyuga 4128.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·69.** **(S. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	6 ·27	13 ·47	19	9	Wed. 1	6 ·55	17 ·26	19	8	Mon. 1	... ...	23 ·47	21
10	Mon. 2	7 ·25	14 ·48	20	10	Thur. 2	7 ·62	18 ·35	20	9	Tues. 2	8 ·06	24 ·55	22
11	Tues. 3	8 ·26	15 ·52	21	11	Fri. 3	8 ·70	19 ·44	21	10	Wed. 3	9 ·11	25 ·62	23
12	Wed. 4	9 ·28	16 ·57	22	12	Sat. 4	9 ·78	20 ·56	22	11	Thur. 4	10 ·14	26 ·66	24
13	Thur. 5	10 ·34	17 ·66	23	13	Sun. 5	10 ·87	21 ·67	23	12	Fri. 5	11 ·14	27 ·68	25
14	Fri. 6	11 ·41	18 ·75	24	14	Mon. 6	11 ·95	22 ·77	24	13	Sat. 6	12 ·13	1 ·68	26
15	Sat. 7	12 ·48	19 ·85	25	15	Tues. 7	... ...	23 ·86	25	14	Sun. 7	13 ·10	2 ·68	27
16	Sun. 8	13 ·57	20 ·95	26	16	Wed. 8	12 ·00	24 ·93	26	15	Mon. 8	14 ·04	3 ·64	28
17	Mon. 9	14 ·66	... ...	27	17	Thur. 9	13 ·05	25 ·99	27			A ·98		
18	Tues. 10	—A ·75	21 ·06	28	18	Fri. 10	14 ·09	... ...	28	16	Tues. 9	1 ·89	4 ·60	29
19	Wed. 11	1 ·81	22 ·17	29	19	Sat. 11	—A ·10	26 ·08	29	17	Wed. 10	2 ·80	5 ·54	—30
20	Thur. 12	2 ·87	23 ·25	—30	20	Sun. 12	1 ·08	27 ·04	—30	18	Thur. 11	3 ·70	6 ·47	1
21	Fri. 13	3 ·89	24 ·31	1	21	Mon. 13	2 ·06	1 ·03	1	19	Fri. 12	4 ·60	7 ·41	2
22	Sat. 14	4 ·91	25 ·36	2	22	Tues. 14	3 ·00	2 ·01	2	20	Sat. 13	5 ·50	8 ·34	3
23	Sun. 15	5 ·90	26 ·38	3			4 ·94	3 ·98		21	Sun. 14	6 ·40	9 ·27	4
24	Mon. 16	6 ·87	27 ·40	4	23	Wed. 15	5 ·85	4 ·93	3	22	Mon. 15	7 ·31	10 ·21	5
25	Tues. 17	7 ·83	1 ·38	5	24	Thur. 16	6 ·76	5 ·86	4	23	Tues. 16	8 ·22	11 ·16	6
26	Wed. 18	8 ·76	2 ·35	6	25	Fri. 17	7 ·66	6 ·80	5	24	Wed. 17	9 ·15	12 ·13	7
27	Thur. 19	9 ·69	3 ·30	7	26	Sat. 18	8 ·56	7 ·73	6	25	Thur. 18	10 ·09	13 ·10	8
28	Fri. 20	10 ·59	4 ·24	8	27	Sun. 19	9 ·46	8 ·66	7	26	Fri. 19	11 ·05	14 ·09	9
29	Sat. 21	11 ·49	5 ·19	9	28	Mon. 20	10 ·36	9 ·60	8	27	Sat. 20	12 ·03	15 ·10	10
—30	Sun. 22	12 ·39	6 ·12	10	29	Tues. 21	11 ·27	10 ·54	9	28	Sun. 21	13 ·02	16 ·13	11
1	Mon. 23	13 ·30	7 ·05	11	30	Wed. 22	12 ·19	11 ·49	10	29	Mon. 22	14 ·04	17 ·19	12
2	Tues. 24	14 ·21	8 ·98	12	—31	Thur. 23	13 ·11	12 ·46	11	30	Tues. 23	P ·08	18 ·27	13
3	Wed. 25	P ·12	9 ·92	13	1	Fri. 24	14 ·07	13 ·44	12	—31	Wed. 24	1 ·15	19 ·35	14
4	Thur. 26	1 ·04	10 ·87	14	2	Sat. 25	P ·03	14 ·45	13	1	Thur. 25	2 ·22	20 ·45	15
		2 ·96			3	Sun. 26	1 ·02	15 ·47	14	2	Fri. 26	3 ·30	21 ·56	16
5	Fri. 27	3 ·92	11 ·83	15	4	Mon. 27	2 ·02	16 ·51	15	3	Sat. 27	4 ·38	22 ·67	17
6	Sat. 28	4 ·89	12 ·80	16	5	Tues. 28	3 ·06	17 ·57	16	4	Sun. 28	5 ·46	23 ·77	18
7	Sun. 29	5 ·87	13 ·79	17	6	Wed. 29	4 ·10	18 ·65	17	5	Mon. 29	6 ·52	24 ·86	19
8	Mon. 30	6 ·88	14 ·80	18	7	Thur. 30	5 ·17	19 ·75	18	6	Tues. 30	7 ·57	25 ·93	20
9	Tues. 31	7 ·91	15 ·83	19	8	Fri. 31	6 ·25	20 ·86	19	7	Wed. 31	8 ·60	26 ·97	21
	Feb.					**April.**					**June.**			
10	Wed. 1	8 ·96	17 ·96	20	9	Sat. 1	7 ·33	21 ·96	20	8	Thur. 1	9 ·61	... ...	22
11	Thur. 2	... ...	... ...	21	10	Sun. 2	8 ·41	... ...	21	9	Fri. 2	10 ·60	27 ·00	23
12	Fri. 3	9 ·02	18 ·05	22	11	Mon. 3	9 ·48	22 ·07	22	10	Sat. 3	11 ·56	1 ·02	24
13	Sat. 4	10 ·11	19 ·15	23	12	Tues. 4	10 ·55	23 ·16	23	11	Sun. 4	12 ·52	2 ·00	25
14	Sun. 5	11 ·20	20 ·25	24	13	Wed. 5	11 ·60	24 ·25	24				3 ·98	
15	Mon. 6	12 ·28	21 ·37	25	14	Thur. 6	12 ·64	25 ·31	25	12	Mon. 5	13 ·45	4 ·93	26
16	Tues. 7	13 ·36	22 ·47	26	15	Fri. 7	13 ·64	26 ·34	26	13	Tues. 6	14 ·37	5 ·88	27
17	Wed. 8	14 ·42	23 ·55	27	16	Sat. 8	14 ·62	27 ·36	27	14	Wed. 7	—A ·27	6 ·82	28
18	Thur. 9	—A ·48	24 ·62	28	17	Sun. 9	—A ·59	1 ·36	28	15	Thur. 8	1 ·17	7 ·75	—29
19	Fri. 10	1 ·51	25 ·67	—29	18	Mon. 10	1 ·53	2 ·34	—29	16	Fri. 9	2 ·07	8 ·68	1
20	Sat. 11	2 ·53	26 ·71	1	19	Tues. 11	2 ·47	3 ·31	1			3 ·97		
21	Sun. 12	3 ·51	27 ·72	2	20	Wed. 12	3 ·39	4 ·26	2	17	Sat. 10	4 ·87	9 ·61	2
22	Mon. 13	4 ·47	1 ·71	3	21	Thur. 13	4 ·30	5 ·20	3	18	Sun. 11	5 ·77	10 ·55	3
23	Tues. 14	5 ·43	2 ·68	4	22	Fri. 14	5 ·20	6 ·13	4	19	Mon. 12	6 ·68	11 ·50	4
24	Wed. 15	6 ·36	3 ·64	5	23	Sat. 15	6 ·09	7 ·06	5	20	Tues. 13	7 ·61	12 ·46	5
25	Thur. 16	7 ·29	4 ·59	6			7 ·99			21	Wed. 14	8 ·55	13 ·43	6
26	Fri. 17	8 ·20	5 ·53	7				8 ·00		22	Thur. 15	9 ·51	14 ·41	7
27	Sat. 18	9 ·10	6 ·46	8	24	Sun. 16	8 ·90	9 ·94	6	23	Fri. 16	10 ·49	15 ·42	8
28	Sun. 19	10 ·00	7 ·39	9	25	Mon. 17	9 ·81	10 ·87	7	24	Sat. 17	11 ·50	16 ·46	9
		11 ·90			26	Tues. 18	10 ·72	11 ·82	8	25	Sun. 18	12 ·52	17 ·50	10
—29	Mon. 20	12 ·80	8 ·32	10	27	Wed. 19	11 ·65	12 ·79	9	26	Mon. 19	13 ·57	18 ·57	11
1	Tues. 21	13 ·70	9 ·25	11	28	Thur. 20	12 ·59	13 ·77	10	27	Tues. 20	14 ·62	19 ·65	12
2	Wed. 22	14 ·63	10 ·21	12	29	Fri. 21	13 ·56	14 ·77	11	28	Wed. 21	P ·69	20 ·75	13
3	Thur. 23	P ·56	11 ·16	13	30	Sat. 22	14 ·54	15 ·78	12	29	Thur. 22	1 ·76	21 ·86	14
4	Fri. 24	1 ·52	12 ·13	14	—31	Sun. ○ 23	P ·52	16 ·82	13	30	Fri. 23	2 ·84	22 ·97	15
5	Sat. 25	2 ·48	13 ·11	15	1	Mon. 24	1 ·57	17 ·88	14	31	Sat. 24	3 ·93	... ...	16
6	Sun. 26	3 ·47	14 ·12	16	2	Tues. 25	2 ·62	18 ·96	15	—32	Sun. 25	... ...	23 ·07	17
7	Mon. 27	4 ·49	15 ·15	17	3	Wed. 26	3 ·68	... ...	16	1	Mon. 26	4 ·00	24 ·16	18
8	Tues. 28	5 ·51	16 ·20	18	4	Thur. 27	4 ·75	19 ·05	17	2	Tues. 27	5 ·05	25 ·23	19
					5	Fri. 28	5 ·84	20 ·16	18	3	Wed. 28	6 ·08	26 ·29	20
					6	Sat. 29	6 ·92	21 ·26	19	4	Thur. 29	7 ·10	27 ·33	21
					7	Sun. 30	7 ·99	22 ·37	20	5	Fri. 30	8 ·07	1 ·34	22

Kshaya. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *H. 417 Ẓi-l-ḥijja.*

Kshaya. **Kumbha—Māśi.** *Bahula.* *Sukla.* **Phālguna.** *H. 418 Muharram.*

Kshaya. **Mīna—Pāṅguni.** *Bahula.* *Sukla.* **Chaitra.** *H. 418 Ṣafar.*

Prabhava. **Mēsha—Chittirai.** *Bahula.* *Sukla.* **Vaiśākha.** *H. 418 Rabī-ul awwal.*

Prabhava. **Vrishabha—Vaigāśi.** *Bahula.* *Sukla.* **Jyeshṭha.** *H. 418 Rabī-ul ākhir.*

Prabhava. **Mithuna—Āni.** *Bahula.* *Sukla.* **Āshādha.** *H. 418 Jamāda'l awwal.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1027. **Kollam 203,** { **N. Malabar—Aug.** **Hijra 418.** **Vikrama 1084.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 11.** **Bengal San. 433.**
P—Paurnimā. **(N. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			{ 9 ·04												—**A** ·25	16 ·04	
6	Sat.	1	{ 10 ·99	2 ·33	23	6	Fri.	1	13 ·40	10 ·57	26	7	Wed.●	1	1 ·26	17 ·07	28
7	Sun.	2	11 ·93	3 ·31	24	7	Sat.	2	14 ·31	11 ·50	27	8	Thur.	2	2 ·28	18 ·12	29
8	Mon.	3	12 ·85	4 ·26	25	8	Sun.	3	—**A** ·22	12 ·45	28	9	Fri.	3	3 ·32	19 ·18	—30
9	Tues.	4	13 ·75	5 ·22	26	9	Mon.	4	1 ·16	13 ·41	29	10	Sat.	4	4 ·39	20 ·26	1
10	Wed.	5	14 ·65	6 ·16	27	10	Tues.	5	2 ·10	14 ·40	—30	11	Sun.	5	5 ·47	21 ·36	2
11	Thur.	6	—**A** ·55	7 ·09	28	11	Wed.	6	3 ·05	15 ·39	1	12	Mon.	6	6 ·56	22 ·46	3
				{ 8 ·02		12	Thur.	7	4 ·04	16 ·40	2	13	Tues.	7	7 ·65	23 ·58	4
12	Fri.	7	1 ·45	{ 9 ·95	29	13	Fri.	8	5 ·03	17 ·43	3	14	Wed.	8	8 ·73	24 ·68	5
13	Sat.	8	2 ·35	10 ·89	—30	14	Sat.	9	6 ·06	18 ·49	4	15	Thur.	9	9 ·80	25 ·77	6
14	Sun.	9	3 ·26	11 ·83	1	15	Sun.	10	7 ·10	19 ·57	5	16	Fri.	10	10 ·86	26 ·85	7
15	Mon.	10	4 ·17	12 ·79	2	16	Mon.	11	8 ·16	20 ·66	6	17	Sat.	11	11 ·90	27 ·90	8
16	Tues.	11	5 ·10	13 ·75	3	17	Tues.	12	9 ·24	21 ·76	7	18	Sun.	12	12 ·91	1 ·95	9
17	Wed.	12	6 ·04	14 ·74	4	18	Wed.	13	10 ·33	22 ·87	8	19	Mon.	13	13 ·90	2 ·96	10
			{ 7 ·00			19	Thur.	14	11 ·42	23 ·97	9	20	Tues.	14	14 ·87	3 ·96	11
18	Thur.	13	{ 8 ·99	15 ·74	5	20	Fri.	15	12 ·50	... ...	10	21	Wed.	15	1 ·83	4 ·93	12
19	Fri.	14	9 ·98	16 ·77	6	21	Sat.	16	13 ·58	24 ·08	11	22	Thur.	16	**P** ·83	4 ·93	13
20	Sat.	15	10 ·99	17 ·81	7	22	Sun.	17	14 ·62	25 ·16	12	23	Fri.	17	1 ·76	5 ·89	14
21	Sun.	16	... ...	18 ·88	8	23	Mon.	18	**P** ·66	26 ·23	13	24	Sat.	18	2 ·69	6 ·85	15
22	Mon.	17	11 ·04	19 ·96	9	24	Tues.	19	1 ·68	27 ·28	14	25	Sun.	19	3 ·61	7 ·79	16
23	Tues.	18	12 ·10	... ...	10	25	Wed.	20	2 ·67	1 ·30	15	26	Mon.	20	4 ·51	8 ·72	17
24	Wed.	19	13 ·18	20 ·05	11	26	Thur.	21	3 ·64	2 ·31	16	27	Tues.	21	5 ·41	9 ·65	18
25	Thur.	20	14 ·26	21 ·17	12	27	Fri.	22	4 ·59	3 ·30	17	28	Wed.	22	6 ·31	10 ·58	19
26	Fri.	21	**P** ·34	22 ·27	13	28	Sat.	23	5 ·53	4 ·27	18	29	Thur.	23	7 ·22	11 ·52	20
27	Sat.	22	1 ·42	23 ·37	14	29	Sun.	24	6 ·45	5 ·23	19	—30	Fri.	24	8 ·13	12 ·46	21
28	Sun.	23	2 ·48	24 ·47	15	30	Mon.	25	7 ·37	6 ·17	20				{ 9 ·05		
29	Mon.	24	3 ·54	25 ·54	16	—31	Tues.	26	8 ·28	7 ·10	21	1	Sat.	25	{ 10 ·98	13 ·41	22
30	Tues.	25	4 ·56	26 ·61	17					8 ·04		2	Sun.	26	11 ·94	14 ·38	23
—31	Wed.	26	5 ·58	27 ·65	18	1	Wed.	27	9 ·18	9 ·98	22	3	Mon.	27	12 ·90	15 ·36	24
1	Thur.	27	6 ·57	1 ·66	19				{ 10 ·08			4	Tues.	28	13 ·88	16 ·37	25
2	Fri.	28	7 ·55	2 ·66	20	2	Thur.	28	{ 11 ·98	10 ·90	23	5	Wed.	29	14 ·90	17 ·39	26
3	Sat.	29	8 ·50	3 ·64	21	3	Fri.	29	12 ·89	11 ·84	24	6	Thur.	30	—**A** ·92	18 ·43	27
4	Sun.	30	9 ·43	4 ·61	22	4	Sat.	30	13 ·80	12 ·79	25						
5	Mon.	31	10 ·35	5 ·56	23												
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	11 ·26	6 ·50	24	5	Sun.	1	14 ·74	13 ·75	26	7	Fri.	1	1 ·97	19 ·49	28
7	Wed.	2	12 ·17	7 ·43	25	6	Mon.	2	—**A** ·68	14 ·72	27	8	Sat.	2	... ...	20 ·56	—29
			{ 13 ·07			7	Tues.	3	1 ·64	15 ·71	28	9	Sun.	3	2 ·04	21 ·66	1
8	Thur.	3	{ 14 ·97	8 ·36	26	8	Wed.	4	2 ·63	16 ·72	—29	10	Mon.	4	3 ·13	22 ·77	2
9	Fri.	4	—**A** ·87	9 ·29	27	9	Thur.	5	3 ·64	17 ·75	1	11	Tues.	5	4 ·22	23 ·88	3
10	Sat.	5	1 ·77	10 ·23	28	10	Fri.	6	4 ·65	18 ·81	2	12	Wed.	6	5 ·30	24 ·98	4
11	Sun.	6	2 ·68	11 ·17	—29	11	Sat.	7	5 ·69	19 ·88	3	13	Thur.	7	6 ·38	... ...	5
12	Mon.	7	3 ·61	12 ·12	1	12	Sun.	8	6 ·76	20 ·96	4	14	Fri.	8	7 ·45	25 ·07	6
13	Tues.	8	4 ·56	13 ·08	2	13	Mon.	9	7 ·83	... ...	5	15	Sat.	9	8 ·51	26 ·15	7
14	Wed.	9	5 ·51	14 ·06	3	14	Tues.	10	8 ·93	21 ·06	6	16	Sun.	10	9 ·54	27 ·22	8
15	Thur.	10	6 ·50	15 ·07	4	15	Wed.	11	... ...	22 ·17	7	17	Mon.	11	10 ·56	1 ·26	9
16	Fri.	11	7 ·50	16 ·08	5	16	Thur.	12	9 ·02	23 ·28	8	18	Tues.	12	11 ·54	2 ·28	10
17	Sat.	12	8 ·51	17 ·12	6	17	Fri.	13	10 ·10	24 ·38	9	19	Wed.	13	12 ·52	3 ·28	11
18	Sun	13	9 ·55	18 ·18	7	18	Sat.	14	11 ·17	25 ·47	10	20	Thur.	14	13 ·47	4 ·26	12
19	Mon.	14	10 ·60	19 ·26	8	19	Sun.	15	12 ·22	26 ·54	11	21	Fri.	15	14 ·40	5 ·24	13
20	Tues.	15	11 ·68	20 ·36	9	20	Mon.	16	13 ·26	27 ·59	12	22	Sat.	16	**P** ·33	6 ·19	14
21	Wed.	16	12 ·76	21 ·46	10	21	Tues.	17	14 ·28	1 ·62	13	23	Sun.	17	1 ·25	7 ·13	15
22	Thur.	17	13 ·86	22 ·57	11	22	Wed.○	18	**P** ·27	2 ·64	14					{ 8 ·06	
23	Fri.	18	14 ·94	23 ·67	12	23	Thur.	19	1 ·24	3 ·63	15	24	Mon.	18	2 ·16	{ 9 ·99	16
24	Sat.	19	**P** ·: ...	24 ·77	13	24	Fri.	20	2 ·20	4 ·60	16						
25	Sun.	20	**P** ·02	25 ·86	14	25	Sat.	21	3 ·14	5 ·56	17	25	Tues.	19	{ 3 ·06		
26	Mon.	21	1 ·08	26 ·92	15				{ 4 ·06						{ 4 ·96	10 ·92	17
27	Tues.	22	2 ·09	27 ·96	16	26	Sun.	22	{ 5 ·98	6 ·51	18	26	Wed.	20	5 ·86	11 ·86	18
28	Wed.	23	3 ·12	1 ·98	17	27	Mon.	23	6 ·89	7 ·45	19	27	Thur.	21	6 ·77	12 ·80	19
29	Thur.	24	4 ·10	2 ·98	18	28	Tues.	24	7 ·79	8 ·38	20	28	Fri.	22	7 ·70	13 ·75	20
30	Fri.	25	5 ·07	3 ·97	19	—29	Wed.	25	8 ·69	9 ·31	21	—29	Sat.	23	8 ·63	14 ·71	21
			{ 6 ·02			1	Thur.	26	9 ·59	10 ·24	22	1	Sun.	24	9 ·58	15 ·68	22
—31	Sat.	26	{ 7 ·96	4 ·94	20	2	Fri.	27	10 ·50	11 ·18	23	2	Mon.	25	10 ·55	16 ·69	23
1	Sun.	27	8 ·88	5 ·89	21	3	Sat.	28	11 ·43	12 ·13	24	3	Tues.	26	11 ·54	17 ·70	24
2	Mon.	28	9 ·80	6 ·83	22	4	Sun.	29	12 ·36	13 ·08	25	4	Wed.	27	12 ·54	18 ·74	25
3	Tues.	29	10 ·70	7 ·77	23	5	Mon.	30	13 ·29	14 ·05	26	5	Thur.	28	13 ·57	19 ·79	26
4	Wed.	30	11 ·60	8 ·70	24	6	Tues.	31	14 ·26	15 ·03	27	6	Fri.	29	14 ·63	20 ·87	27
5	Thur.	31	12 ·50	9 ·64	25							7	Sat.	30	—**A** ·69	21 ·97	28
												8	Sun.	31	1 ·78	... ...	29

Prabhava. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* *H.* 418 *Jamādal'akhir.*

Prabhava. **Simha—Āvani.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 418 *Rajab*

Prabhava. **Kanyā—Purattāśi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 418 *Sha'bān.*

Prabhava. **Tula—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 418 *Ramazān.*

Prabhava. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 418 *Shawwāl.*

Prabhava. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H.* 418 *Zi l-ka'da.*

Prabhava. **Makara—Tai.** *Śukla.* *Bahula.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1028. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 22·98.** **Śaka 950.** **Kaliyuga 4129.**
Lunar Eclipse. ○ (Arya Sid.) **March 22·94.** **(S. Cycle) Vibhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	2 ·87	22 ·07	—30	9	Fri. 1	2 ·37	27 ·15	1	9	Wed. 1	4 ·27	7 ·82	3
10	Tues. 2	3 ·96	23 ·17	1	10	Sat. 2	3 ·40	1 ·21	2	10	Thur. 2	5 ·18	8 ·76	4
11	Wed. 3	... ...	24 ·28	2	11	Sun. 3	4 ·40	2 ·24	3	11	Fri. 3	6 ·09	9 ·69	5
12	Thur. 4	4 ·04	25 ·38	3	12	Mon. 4	*Sukla.* 5 ·39	3 ·26	4	12	Sat. 4	7 ·00	10 ·62	6
13	Fri. 5	5 ·11	26 ·47	4	13	Tues. 5	6 ·35	4 ·25	5			8 ·90		
14	Sat. 6	6 ·16	27 ·53	5	14	Wed. 6	7 ·30	5 ·23	6	13	Sun. 5	9 ·80	11 ·56	7
15	Sun. 7	*Sukla.* 7 ·18	1 ·58	6	15	Thur. 7	8 ·23	6 ·19	7	14	Mon. 6	10 ·70	12 ·49	8
16	Mon. 8	8 ·20	2 ·60	7	16	Fri. 8	9 ·15	7 ·14	8	15	Tues. 7	11 ·61	13 ·43	9
17	Tues. 9	9 ·18	3 ·61	8	17	Sat. 9	10 ·06	8 ·08	9	16	Wed. 8	*Sukla.* 12 ·53	14 ·38	10
18	Wed. 10	10 ·16	4 ·60	9			11 ·96			17	Thur. 9	13 ·45	15 ·34	11
19	Thur. 11	11 ·10	5 ·57	10	18	Sun. 10	12 ·86	9 ·02	10	18	Fri. 10	14 ·40	16 ·31	12
20	Fri. 12	12 ·04	6 ·52	11				10 ·95		19	Sat. 11	**P** ·36	17 ·31	13
		13 ·96			19	Mon. 11	*Chaitra.* 13 ·76	11 ·87	11	20	Sun. 12	1 ·35	18 ·32	14
21	Sat. 13	*Sukla.* 14 ·88	7 ·46	12	20	Tues. 12	14 ·67	12 ·81	12	21	Mon. 13	2 ·34	19 ·35	15
22	Sun. 14	**P** ·78	8 ·40	13	21	Wed. 13	**P** ·58	13 ·76	13	22	Tues. 14	3 ·36	20 ·40	16
23	Mon. 15	1 ·68	9 ·33	14	22	Thur. 14	1 ·50	14 ·71	14	23	Wed. 15	4 ·42	21 ·48	17
24	Tues. 16	2 ·58	10 ·27	15	23	Fri. 15	2 ·42	15 ·68	15	24	Thur. 16	5 ·48	22 ·57	18
25	Wed. 17	3 ·48	11 ·20	16	24	Sat. 16	3 ·37	16 ·66	16	25	Fri. 17	6 ·55	23 ·67	19
26	Thur. 18	4 ·40	12 ·14	17	25	Sun. 17	4 ·34	17 ·66	17	26	Sat. 18	7 ·63	24 ·78	20
27	Fri. 19	5 ·32	13 ·08	18	26	Mon. 18	5 ·32	18 ·69	18	27	Sun. 19	8 ·71	25 ·89	21
28	Sat. 20	6 ·26	14 ·04	19	27	Tues. 19	*Bahula.* 6 ·33	19 ·73	19	28	Mon. 20	9 ·79	26 ·98	22
29	Sun. 21	7 ·21	15 ·02	20	28	Wed. 20	7 ·36	20 ·79	20	29	Tues. 21	10 ·85	... ...	23
—30	Mon. 22	8 ·17	16 ·01	21	29	Thur. 21	8 ·42	21 ·87	21	30	Wed. 22	11 ·91	27 ·08	24
1	Tues. 23	9 ·17	17 ·02	22	—30	Fri. 22	9 ·49	22 ·96	22	—31	Thur. 23	12 ·93	1 ·15	25
2	Wed. 24	10 ·17	18 ·05	23	1	Sat. 23	10 ·56	... ...	23	1	Fri. 24	13 ·94	2 ·19	26
3	Thur. 25	11 ·21	19 ·10	24	2	Sun. 24	11 ·65	23 ·07	24	2	Sat. 25	14 ·92	3 ·22	27
4	Fri. 26	12 ·26	20 ·18	25	3	Mon. 25	12 ·74	24 ·19	25	3	Sun. 26	—**A** ·89	4 ·23	28
5	Sat. 27	13 ·33	21 ·27	26	4	Tues. 26	13 ·82	25 ·29	26	4	Mon. 27	1 ·83	5 ·22	—29
6	Sun. 28	14 ·40	22 ·37	27	5	Wed. 27	14 ·87	26 ·38	27	5	Tues. 28	2 ·77	6 ·19	1
7	Mon. 29	—**A** ·49	23 ·47	28	6	Thur. 28	—**A** ·92	27 ·46	28	6	Wed. 29	3 ·69	7 ·15	2
8	Tues. 30	1 ·58	24 ·58	—29	7	Fri. 29	1 ·94	1 ·52	—29	7	Thur. 30	4 ·59	8 ·09	3
9	Wed. 31	2 ·66	25 ·69	1	8	Sat. 30	2 ·94	2 ·56	1			*Sukla.*	9 ·03	
					9	Sun. 31	3 ·98	3 ·58	2	8	Fri. 31	5 ·49	10 ·96	4
	Feb.					**April.**					**June.**			
10	Thur. 1	3 ·73	26 ·77	2	10	Mon. 1	4 ·90	4 ·58	3	9	Sat. 1	6 ·39	11 ·90	5
11	Fri. 2	4 ·78	27 ·84	3	11	Tues. 2	5 ·84	5 ·56	4	10	Sun. 2	7 ·29	12 ·83	6
12	Sat. 3	5 ·81	1 ·89	4	12	Wed. 3	6 ·77	6 ·52	5	11	Mon. 3	8 ·19	13 ·77	7
13	Sun. 4	6 ·82	2 ·92	5	13	Thur. 4	*Sukla.* 7 ·69	7 ·48	6	12	Tues. 4	9 ·09	14 ·71	8
14	Mon. 5	*Sukla.* 7 ·80	3 ·93	6	14	Fri. 5	8 ·59	8 ·42	7			10 ·02		
15	Tues. 6	8 ·78	4 ·93	7	15	Sat. 6	9 ·49	9 ·35	8	13	Wed. 5	11 ·93	15 ·67	9
16	Wed. 7	9 ·72	5 ·90	8	16	Sun. 7	10 ·39	10 ·28	9	14	Thur. 6	12 ·88	16 ·65	10
17	Thur. 8	10 ·65	6 ·86	9	17	Mon. 8	11 ·29	11 ·21	10	15	Fri. 7	13 ·84	17 ·63	11
18	Fri. 9	11 ·57	7 ·80	10	18	Tues. 9	12 ·20	12 ·16	11	16	Sat. 8	14 ·83	18 ·64	12
19	Sat. 10	12 ·48	8 ·74	11	19	Wed. 10	13 ·11	13 ·09	12	17	Sun. 9	**P** ·82	19 ·67	13
20	Sun. 11	13 ·39	9 ·68	12			14 ·02			18	Mon. 10	1 ·85	20 ·71	14
21	Mon. 12	14 ·29	10 ·61	13	20	Thur.○11	**P** ·95	14 ·04	13	19	Tues. 11	2 ·89	21 ·79	15
22	Tues. 13	**P** ·19	11 ·54	14			*Vaiśākha.*			20	Wed. 12	3 ·96	22 ·88	16
23	Wed. 14	1 ·09	12 ·47	15	21	Fri. 12	1 ·91	15 ·01		21	Thur. 13	... ...	23 ·97	17
		2 ·00						16 ·98	14					
24	Thur. 15	3 ·92	13 ·41	16	22	Sat. 13	2 ·87	17 ·99	15	22	Fri. 14	4 ·03	... ...	18
					23	Sun. 14	3 ·85	... ...	16	23	Sat. 15	5 ·10	24 ·08	19
25	Fri. 16	4 ·86	14 ·38	17	24	Mon. 15	4 ·85	18 ·00	17	24	Sun. 16	6 ·19	25 ·18	20
26	Sat. 17	5 ·81	15 ·35	18	25	Tues. 16	5 ·88	19 ·04	18	25	Mon. 17	7 ·27	26 ·30	21
27	Sun. 18	6 ·78	16 ·33	19	26	Wed. 17	6 ·94	20 ·10	19	26	Tues. 18	8 ·34	27 ·38	22
28	Mon. 19	7 ·76	17 ·34	20	27	Thur. 18	... ..	21 ·17	20	27	Wed. 19	*Bahula.* 9 ·38	1 ·46	23
29	Tues. 20	8 ·76	18 ·36	21	28	Fri. 19	*Bahula.* 7 ·00	22 ·26	21	28	Thur. 20	10 ·41	2 ·51	24
—30	Wed. 21	*Bahula.* 9 ·80	19 ·42	22	29	Sat. 20	8 ·07	23 ·38	22	29	Fri. 21	11 ·42	3 ·54	25
1	Thur. 22	10 ·85	20 ·49	23	30	Sun. 21	9 ·15	24 ·48	23	30	Sat. 22	12 ·39	4 ·56	26
2	Fri. 23	11 ·94	21 ·57	24	—31	Mon. 22	10 ·23	25 ·59	24	31	Sun. 23	13 ·36	5 ·55	27
3	Sat. 24	...	22 ·67	25	1	Tues. 23	11 ·32	26 ·68	25	—32	Mon. 24	14 ·31	6 ·53	28
4	Sun. 25	12 ·02	23 ·77	26	2	Wed. 24	12 ·38	27 ·76	26	1	Tues. 25	—**A** ·25	7 ·48	29
5	Mon. 26	13 ·10	24 ·89	27	3	Thur. 25	13 ·43	1 ·84	27	2	Wed. 26	1 ·16	8 ·43	—30
6	Tues. 27	14 ·18	25 ·99	28	4	Fri. 26	14 ·44	2 ·88	28	3	Thur. 27	2 ·07	9 ·37	1
7	Wed. 28	—**A** ·26	... ..	29	5	Sat. 27	—**A** ·46	3 ·90	29			3 ·97		
8	Thur. 29	1 ·32	26 ·08	—30	6	Sun. 28	1 ·44	4 ·90	—30	4	Fri. 28	4 ·87	10 ·31	2
					7	Mon. 29	2 ·40	5 ·89	1	5	Sat. 29	5 ·77	11 ·24	3
					8	Tues. 30	3 ·85	6 ·86	2	6	Sun. 30	6 ·67	12 ·17	4

Prabhava. **Makara—Tai.** *Prabhava.* **Kumbha—Māsi.** *Vibhava.* **Mēsha—Chittirai.** *Vibhava.* **Mīna—Paṅguni.** *Vibhava.* **Vrishabha—Vaigāsi.** *Vibhava.* **Mithuna—Āni.** *Vibhava.* **Kark.—Ādi.**

Māgha. *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyeshtha.* *Āshādha.*

H. 418 *Zil-hijja.* *H.* 419 *Muharram.* *H.* 419 *Śafar.* *H.* 419 *Rabi-ul awwal.* *H.* 419 *Rabi-ul ākhir.* *H.* 419 *Jamdā'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1028. **Kollam 204,** { **N. Malabar—Aug.** **Hijra 419.** **Vikrama 1085**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Jan. 31.** **Bengal San**
P—Paurnimā. **(N. Cycle)**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	*Śukla.* 7 ·58	13 ·10	5	7	Sun.	1	10 ·37	21 ·71	8	7	Fri.	1	... ...	27 ·90	10
8	Tues.	2	8 ·49	14 ·04	6	8	Mon	2	11 ·42	22 ·78	9	8	Sat.	2	12 ·02	1 ·99	11
9	Wed.	3	9 ·42	15 ·01 / 16 ·97	7	9	Tues.	3	12 ·47	23 ·87	10	9	Sun.	3	13 ·09	... ...	12
10	Thur.	4	10 ·36	17 ·96	8	10	Wed.	4	13 ·55	24 ·98	11	10	Mon.	4	14 ·11	2 ·07	13
11	Fri.	5	11 ·32	18 ·96	9	11	Thur.	5	14 ·65	... ...	12	11	Tues	5	P ·18	3 ·12	14
12	Sat.	6	12 ·30	19 ·98	10	12	Fri.	6	P ·73	25 ·09	13	12	Wed	6	1 ·20	4 ·16	15
13	Sun.	7	13 ·30	... ...	11	13	Sat.	7	1 ·80	26 ·19	14	13	Thur.	7	2 ·18	5 ·18	16
14	Mon.	8	14 ·33	20 ·03	12	14	Sun.	8	2 ·87	27 ·29	15	14	Fri.	8	3 ·13	6 ·18	17
15	Tues.	9	P ·36	21 ·10	13	15	Mon.	9	3 ·93	1 ·37	16	15	Sat.	9	4 ·11	7 ·15	18
16	Wed.	10	1 ·43	22 ·18	14	16	Tues.	10	4 ·96	2 ·45	17	16	Sun	10	5 ·05 / 6 ·97	8 ·11	19
17	Thur.	11	2 ·50	23 ·27	15	17	Wed.	11	5 ·98	3 ·50	18						
18	Fri.	12	3 ·59	24 ·38	16	18	Thur	12	6 ·96	4 ·52	19	17	Mon.	11	7 ·99	9 ·06	20
19	Sat.	13	4 ·68	25 ·49	17	19	Fri.	13	7 ·94	5 ·53	20	18	Tues	12	8 ·79	10 ·01 / 11 ·94	21
20	Sun.	14	5 ·75	26 ·60	18	20	Sat.	14	8 ·90	6 ·51	21						
21	Mon.	15	6 ·81	27 ·69	19	21	Sun.	15	9 ·83	7 ·49	22	19	Wed.	13	9 ·79	12 ·87	22
22	Tues.	16	7 ·86	1 ·76	20	22	Mon.	16	10 ·75	8 ·45	23	20	Thur	14	10 ·59	13 ·80	23
23	Wed.	17	8 ·90	2 ·82	21	23	Tues.	17	11 ·66	9 ·39	24	21	Fri.	15	11 ·50	14 ·73	24
24	Thur.	18	9 ·90	3 ·86	22	24	Wed.	18	12 ·56	10 ·32	25	22	Sat.	16	12 ·41	15 ·67	25
25	Fri.	19	10 ·89	4 ·88	23	25	Thur.	19	13 ·46	11 ·25	26	23	Sun.	17	13 ·33	16 ·63	26
26	Sat.	23	11 ·86	5 ·88	24	26	Fri.	20	14 ·36	12 ·19	27	24	Mon.	18	14 ·27	17 ·60	27
27	Sun.	21	12 ·81	6 ·86	25	27	Sat.	21	—A ·27	13 ·12	28	25	Tues.	19	—A ·22	18 ·58	28
28	Mon.	22	13 ·75	7 ·82	26	28	Sun.	22	1 ·18	14 ·06	—29	26	Wed.	20	1 ·18	19 ·58	—29
29	Tues.	23	14 ·66	8 ·77	27	29	Mon.	23	2 ·10	15 ·01 / 16 ·96	1	27	Thur.	21	2 ·18	20 ·60	1
30	Wed.	24	—A ·57	9 ·72	28							28	Fri.	22	3 ·18	21 ·65	2
31	Thur.	25	1 ·47	10 ·65	—29	30	Tues.	24	3 ·02 / 4 ·98	17 ·94	2	—29	Sat.	23	4 ·22	22 ·71	3
1	Fri.	26	2 ·37	11 ·58	1	—31	Wed.	25	5 ·94	18 ·93	4	1	Sun.	24	5 ·27	23 ·78	4
2	Sat.	27	3 ·27	12 ·51	2	1	Thur.	26	6 ·93	19 ·94	5	2	Mon.	25	6 ·31	24 ·88	5
3	Sun.	28	4 ·17	13 ·44	3	2	Fri.	27	7 ·93	20 ·97	6	3	Tues.	26	7 ·42	25 ·98	6
4	Mon.	29	5 ·07 / 6 ·99	14 ·39	4	3	Sat.	28	8 ·95	... ...	7	4	Wed.	27	8 ·51	...	7
5	Tues.	30	7 ·92	15 ·34	5	4	Sun.	29	... ...	21 ·02	8	5	Thur.	28	9 ·60	26 ·10	8
6	Wed.	31	8 ·86	16 ·30	6	5	Mon.	30	9 ·00	22 ·09		6	Fri.	29	10 ·67	27 ·20	9
												7	Sat.	30	11 ·74	1 ·30	10
	Aug.						**Oct.**						**Dec.**				
7	Thur.	1	*Śukla.* 9 ·83	17 ·28	7	6	Tues.	1	10 ·08	23 ·18	9	8	Sun.	1	*Śukla.* 12 ·80	2 ·37	11
8	Fri.	2	10 ·81	18 ·28	8	7	Wed.	2	11 ·13	24 ·28	10	9	Mon.	2	13 ·84	3 ·43	12
9	Sat.	3	11 ·82	19 ·31	9	8	Thur.	3	12 ·22	25 ·39	11	10	Tues.	3	14 ·84	4 ·48	13
10	Sun.	4	12 ·84	20 ·34	10	9	Fri.	4	13 ·31	26 ·49	12	11	Wed	4	P ·88	5 ·50	14
11	Mon.	5	13 ·88	21 ·40	11	10	Sat.	5	14 ·40	27 ·59	13	12	Thur.	5	1 ·80	6 ·50	15
12	Tues.	6	14 ·95	22 ·48	12	11	Sun.	6	P ·46	1 ·69	14	13	Fri.	6	2 ·75	7 ·48	16
13	Wed.	7	... ...	23 ·57	13	12	Mon.	7	1 ·52	2 ·76	15	14	Sat.	7	3 ·69	8 ·45	17
14	Thur.	8	P ·04	24 ·68	14	13	Tues.	8	2 ·54	3 ·81	16	15	Sun.	8	4 ·61	9 ·40	18
15	Fri.	9	1 ·10	25 ·79	15	14	Wed.	9	3 ·57	4 ·84	17	16	Mon.	9	5 ·53	10 ·36	19
16	Sat.	10	2 ·18	26 ·89	16	15	Thur.	10	4 ·56	5 ·85	18	17	Tues.	10	6 ·43	11 ·28	20
17	Sun.	11	3 ·27	27 ·99	17	16	Fri.	11	5 ·54	6 ·85	19	18	Wed.	11	7 ·33	12 ·21	21
18	Mon.	12	4 ·32	... ...	18	17	Sat.	12	6 ·48	7 ·82	20	19	Thur.	12	8 ·23	13 ·14	22
19	Tues.	13	5 ·37	1 ·07	19	18	Sun.	13	7 ·42	8 ·78	21	20	Fri.	13	9 ·14	14 ·07	23
20	Wed.	14	6 ·40	2 ·13	20	19	Mon.	14	8 ·34	9 ·73	22	21	Sat.	14	10 ·05 / 11 ·98	15 ·02 / 16 ·97	24
21	Thur.	15	7 ·42	3 ·18	21	20	Tues.	15	9 ·26	10 ·66	23						
22	Fri.	16	8 ·41	4 ·20	22	21	Wed.	16	10 ·17	11 ·60	24	22	Sun.	15	12 ·91	17 ·93	25
23	Sat.	17	9 ·38	5 ·20	23	22	Thur.	17	11 ·07 / 12 ·07	12 ·53	25	23	Mon.	16	13 ·86	18 ·90	26
24	Sun.	18	10 ·34	6 ·18	24							24	Tues	17	14 ·84	19 ·90	27
25	Mon.	19	11 ·27	7 ·15	25	23	Fri.	18	13 ·87	13 ·46	26	25	Wed.	18	—A ·82	20 ·92	28
26	Tues.	20	12 ·19	8 ·11	26	24	Sat.	19	14 ·79	14 ·40	27	26	Thur.	19	1 ·83	21 ·96	29
27	Wed.	21	13 ·10	9 ·05 / 10 ·99	27	25	Sun.	20	—A ·71	15 ·34	28	27	Fri.	20	2 ·86	... ...	30
						26	Mon.	21	1 ·63	16 ·29	29	28	Sat.	21	3 ·91	22 ·01	1
28	Thur.	22	A ·00 / A ·90	11 ·92	28	27	Tues.	22	2 ·58	17 ·27	—30	29	Sun.	22	4 ·99	23 ·09	2
						28	Wed.	23	3 ·55	18 ·25	1	—30	Mon.	23	... ...	24 ·18	3
29	Fri.	23	1 ·80	12 ·84	29	29	Thur.	24	4 ·54	19 ·26	2	1	Tues.	24	*Śukla.* 5 ·07	25 ·29	4
30	Sat.	24	2 ·70	13 ·79	—30	—30	Fri.	25	5 ·54	20 ·28	3	2	Wed.	25	6 ·16	26 ·40	5
31	Sun.	25	3 ·60	14 ·72	1	1	Sat.	26	6 ·57	21 ·33	4	3	Thur.	26	7 ·25	27 ·50	6
1	Mon.	26	4 ·52	15 ·67	2	2	Sun.	27	7 ·61	22 ·40	5	4	Fri.	27	8 ·33	1 ·60	7
2	Tues.	27	5 ·45	16 ·63	3	3	Mon.	28	8 ·68	23 ·48	6	5	Sat.	28	9 ·40	2 ·68	8
3	Wed.	28	6 ·40	17 ·61	4	4	Tues.	29	9 ·77	24 ·58	7	6	Sun.	29	10 ·44	3 ·74	9
4	Thur.	29	7 ·36	18 ·61	5	5	Wed.	30	10 ·86	25 ·68	8	7	Mon.	30	11 ·48	4 ·80	10
5	Fri.	30	8 ·34	19 ·62	6	6	Thur.	31	11 ·94	26 ·79	9	8	Tues.	31	12 ·48	5 ·82	11
6	Sat.	31	9 ·34	20 ·66	7												

Vibhava. **Kan.—Pur.** | *Vibhava.* **Sinha—Āvani.** | *H.* 419 *Śaʿbān* | *Vibhava.* **Karkataka—Ādi.** | *H.* 419 *Jamādu'l ākhir.* | *Vibhava.* **Kanyā—Puraṭṭāśi.** | *H.* 419 *Rajab.* | *Vibhava.* **Tulā—Aippaśi.** | *H.* 419 *Shaʿbān* | *Vibhava.* **Vṛiśchika—Kārttigai.** | *H.* 419 *Ramazān.* | *Vibhava.* **Dhanus—Mārgali.** | *H.* 419 *Shawwāl.* | *Vibhava.* **Makara—Tai.** | *H.* 419 *Zu-l-ḳaʿda* | *H.* 419 *Zu-l-ḥijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatal

A.D. 1029. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·24.** **Śaka 951.** **Kaliyuga 4130.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·20** **(S. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.				
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Jan.								**March.**								**May.**						
9	Wed.	1	13 ·48		6 ·83		12	9	Sat.	1	13 ·45		10 ·36		11	9	Thur.	1	1 ·83		17 ·60		13
10	Thur.	2	14 ·44		7 ·81		13	10	Sun.	2	14 ·36		11 ·29		12	10	Fri.	2	2 ·78		18 ·65		14
11	Fri.	3	P ·40		8 ·78		14	11	Mon.	3	P ·26		12 ·23		13	11	Sat.	3	3 ·73		19 ·53		15
12	Sat.	4	1 ·32		9 ·71		15	12	Tues.	4	1 ·16		13 ·16		14	12	Sun.	4	4 ·69		20 ·52		16
13	Sun.	5	2 ·24		10 ·68		16	13	Wed.	5	2 ·06 3 ·96		14 ·09		15	13	Mon.	5	5 ·67		21 ·54		17
14	Mon.	6	3 ·16		11 ·62		17									14	Tues.	6	6 ·66		22 ·57		18
15	Tues.	7	4 ·06 5 ·96		12 ·55		18	14	Thur.	6	4 ·87		15 ·03 16 ·97		16	15	Wed.	7	7 ·70		23 ·62		19
16	Wed.	8	6 ·86		13 ·48		19	15	Fri.	7	5 ·79		17 ·93		17	16	Thur.	8	8 ·75		24 ·70		20
17	Thur.	9	7 ·77		14 ·42		20	16	Sat.	8	6 ·72		18 ·90		18	17	Fri.	9	9 ·82		25 ·79		21
18	Fri.	10	8 ·68		15 ·35		21	17	Sun.	9	7 ·68		19 ·88		19	18	Sat.	10	10 ·89		26 ·90		22
19	Sat.	11	9 ·60		16 ·30		22	18	Mon.	10	8 ·65		20 ·88		20	19	Sun.	11	11 ·98		.. ..		23
20	Sun.	12	10 ·54		17 ·26		23	19	Tues.	11	9 ·64		21 ·90		21	20	Mon.	12	... ...		27 ·01		24
21	Mon.	13	11 ·50		18 ·23		24	20	Wed.	12	10 ·64		22 ·95		22	21	Tues.	13	12 ·06		1 ·11		25
22	Tues.	14	12 ·47		19 ·23		25	21	Thur.	13	11 ·68		... ..		23	22	Wed.	14	13 ·13		2 ·21		26
23	Wed.	15	13 ·45		20 ·24		26	22	Fri.	14	12 ·73		23 ·01		24	23	Thur.	15	14 ·19		3 ·29		27
24	Thur.	16	14 ·46		21 ·27		27	23	Sat.	15	13 ·80		24 ·09		25	24	Fri.	16	A ·23		4 ·37		28
25	Fri.	17	A ·51		22 ·32		28	24	Sun.	16	14 ·88		25 ·19		26	25	Sat.	17	1 ·27		5 ·41		29
26	Sat.	18	1 ·56		23 ·39		29	25	Mon.	17	A ·96		26 ·29		27	26	Sun.	18	2 ·26		6 ·44		1
27	Sun.	19	2 ·62		24 ·49		–30	26	Tues.	18	... ...		27 ·41		28	27	Mon.	19	3 ·25		7 ·45		2
28	Mon.	20	3 ·70		25 ·59		1	27	Wed.	19	1 ·05		1 ·51		–29	28	Tues.	20	4 ·21		8 ·43		3
–29	Tues.	21	4 ·80		26 ·69		2	28	Thur.	20	2 ·13		2 ·60		1	29	Wed.	21	5 ·16		9 ·41		4
1	Wed.	22	5 ·88		27 ·80		3	29	Fri.	21	3 ·19		3 ·68		2	30	Thur.	22	6 ·08		10 ·37		5
2	Thur.	23	6 ·96		1 ·90		4	–30	Sat.	22	4 ·23		4 ·74		3	31	Fri.	23	7 ·00 8 ·91		11 ·31		6
3	Fri.	24	Sukla.		2 ·98		5	1	Sun.	23	5 ·25		5 ·78		4	–32	Sat.	24	9 ·81		12 ·25		7
4	Sat.	25	7 ·03		... ...		6	2	Mon.	24	Sukla. 6 ·26		6 ·80		5	1	Sun.	25	10 ·71		13 ·18		8
5	Sun.	26	8 ·08		3 ·06		7	3	Tues.	25	7 ·24		7 ·80		6	2	Mon.	26	11 ·61		14 ·12		9
6	Mon.	27	9 ·10		4 ·11		8	4	Wed.	26	8 ·21		8 ·78		7	3	Tues.	27	12 ·51		15 ·05 16 ·99		10
7	Tues.	28	10 ·11		5 ·14		9	5	Thur.	27	9 ·15		9 ·74		8								
8	Wed.	29	11 ·10		6 ·15		10	6	Fri.	28	10 ·09		10 ·69		9	4	Wed.	28	Jyeshtha. 13 ·41		17 ·93		11
9	Thur.	30	12 ·06		7 ·14		11	7	Sat.	29	11 ·00 12 ·90		11 ·64		10	5	Thur.	29	14 ·32		18 ·89		12
10	Fri.	31	13 ·01 14 ·94		8 ·12		12	8	Sun.	30	13 ·80		12 ·57		11	6	Fri.	30	15 ·25		19 ·86		13
								9	Mon.	31	14 ·70		13 ·50		12	7	Sat.	31	16 ·20		20 ·85		14
	Feb.								**April.**								**June.**						
11	Sat.	1	Phal. P ·86		9 ·07		13	10	Tues.	1	Sukla. P ·60		14 ·43		13	8	Sun.	1	2 ·17		21 ·86		15
12	Sun.	2	1 ·78		10 ·02 11 ·96		14	11	Wed.	2	1 ·50		15 ·36		14	9	Mon.	2	3 ·14		22 ·89		16
13	Mon.	3	Magha. 2 ·68		12 ·89		15	12	Thur.	3	2 ·41		16 ·31		15	10	Tues.	3	4 ·15		23 ·93		17
14	Tues.	4	3 ·58		13 ·83		16	13	Fri.	4	3 ·32		17 ·26		16	11	Wed.	4	5 ·18		.. ..		18
15	Wed.	5	4 ·48		14 ·76		17	14	Sat.	5	4 ·26		18 ·22		17	12	Thur.	5	Bahula. 6 ·24		24 ·00		19
16	Thur.	6	5 ·38		15 ·69		18	15	Sun.	6	5 ·22		19 ·20		18	13	Fri.	6	7 ·29		25 ·10		20
17	Fri.	7	6 ·29		16 ·63		19	16	Mon.	7	6 ·18		20 ·20		19	14	Sat.	7	8 ·36		26 ·19		21
18	Sat.	8	7 ·21		17 ·59		20	17	Tues.	8	Bahula. 7 ·17		21 ·22		20	15	Sun.	8	9 ·45		27 ·30		22
19	Sun.	9	8 ·14		18 ·57		21	18	Wed.	9	8 ·17		22 ·26		21	16	Mon.	9	10 ·53		1 ·41		23
20	Mon.	10	9 ·11		19 ·55		22	19	Thur.	10	9 ·22		23 ·32		22	17	Tues.	10	11 ·61		2 ·51		24
21	Tues.	11	10 ·08		20 ·56		23	20	Fri.	11	10 ·25		24 ·39		23	18	Wed.	11	12 ·67		3 ·60		25
22	Wed.	12	11 ·06		21 ·58		24	21	Sat.	12	11 ·32		25 ·49		24	19	Thur.	12	13 ·72		4 ·68		26
23	Thur.	13	12 ·07		22 ·63		25	22	Sun.	13	12 ·40		26 ·59		25	20	Fri.	13	14 ·74		5 ·73		27
24	Fri.	14	13 ·11		23 ·70		26	23	Mon.	14	13 ·48		27 ·70		26	21	Sat.	14	A ·74		6 ·76		28
25	Sat.	15	14 ·16		24 ·79		27	24	Tues.	15	14 ·57		1 ·81		27	22	Sun.	15	1 ·73		7 ·77		29
26	Sun.	16	A ·23		25 ·89		28	25	Wed.	16	A ·66		2 ·90		28	23	Mon.	16	2 ·69		8 ·77		–30
27	Mon.	17	1 ·31		26 ·99		29	26	Thur.	17	1 ·71		3 ·98		29	24	Tues.	17	3 ·64		9 ·75		1
28	Tues.	18	2 ·40		... ...		–30	27	Fri.	18	2 ·75		... ...		30	25	Wed.	18	4 ·56		10 ·70		2
29	Wed.	19	3 ·49		27 ·10		1	28	Sat.	19	3 ·78		4 ·05		1	26	Thur.	19	5 ·48		11 ·65		3
–30	Thur.	20	Sukla. 4 ·56		1 ·21		2	29	Sun.	20	Sukla. 4 ·78		5 ·10		2	27	Fri.	20	Sukla. 6 ·38		12 ·59		4
1	Fri.	21	5 ·62		2 ·30		3	30	Mon	21	5 ·75		6 ·12		3	28	Sat.	21	7 ·28		13 ·52		5
2	Sat.	22	6 ·67		3 ·37		4	–31	Tues.	22	6 ·72		7 ·12		4	29	Sun.	22	8 ·18		14 ·46		6
3	Sun.	23	7 ·71		4 ·43		5	1	Wed.	23	7 ·66		8 ·11		5	30	Mon.	23	9 ·08 10 ·98		15 ·39		7
4	Mon.	24	8 ·71		5 ·46		6	2	Thur.	24	8 ·60		9 ·07		6								
5	Tues.	25	9 ·69		6 ·47		7	3	Fri.	25	Vaisakha. 9 ·51		10 ·04 11 ·98		7	–31	Tues.	24	11 ·89		16 ·32		8
6	Wed.	26	10 ·65		7 ·47		8	4	Sat.	26	10 ·42		12 ·91		8	1	Wed.	25	12 ·81		17 ·26		9
7	Thur.	27	11 ·60		8 ·45		9	5	Sun.	27	11 ·32		13 ·84		9	2	Thur.	26	13 ·73		18 ·22		10
8	Fri.	28	12 ·53		9 ·41		10	6	Mon.	28	12 ·22		14 ·77		10	3	Fri.	27	14 ·69		19 ·19		11
								7	Tues.	29	13 ·12		15 ·71		11	4	Sat.	28	P ·65		20 ·18		12
								8	Wed.	30	14 ·02 P ·92		16 ·65		12	5	Sun.	29	1 ·62		21 ·18		13
																6	Mon.	30	2 ·64		22 ·20		14

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1029. **Kollam 205,** { **N. Malabar—Aug.** **Hijra 420.** **Vikrama 1086.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Jan. 20.** **Bengal San. 435.**
P—Paurnimā. **(N. Cycle) Prajāpati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Tues.	1	3 ·66	23 ·24	15	6	Mon.	1	5 11	3 ·51	18	7	Sat.	1	7 ·43	9 ·40	20
8	Wed.	2	4 ·71	24 ·32	16	7	Tues.	2	6 ·19	4 ·60	19	8	Sun.	2	8 ·38	10 ·37	21
9	Thur.	3	5 ·76	25 ·40	17	8	Wed.	3	*Bahula.* 7 ·23	5 ·66	20	9	Mon.	3	*Bahula.* 9 ·33	11 ·33	22
10	Fri.	4	6 ·84	26 ·49	18	9	Thur.	4	8 ·27	6 ·72	21	10	Tues.	4	10 ·26	12 ·28	23
11	Sat.	5	7 ·92	27 ·59	19	10	Fri.	5	9 ·28	7 ·74	22	11	Wed.	5	11 ·17	13 ·22	24
12	Sun.	6	8 99	1 ·70	20	11	Sat.	6	10 ·26	8 ·75	23	12	Thur.	6	12 ·08	14 ·16	25
13	Mon.	7	...	2 ·82	21	12	Sun.	7	11 ·24	9 ·73	24				13 98		
14	Tues.	8	9 ·07	3 ·91	22	13	Mon.	8	12 ·19	10 ·70	25	13	Fri.	7	14 ·88	15 ·09	26
15	Wed.	9	10 ·14	4 ·98	23	14	Tues.	9	13 ·12	11 ·66	26					16 ·02	
16	Thur.	10	11 ·19	... ...	24	15	Wed ●	10	14 ·04		27	14	Sat.	8	—**A** ·78	17 ·95	27
17	Fri.	11	12 ·22	5 ·04	25				**A** ·95	12 ·61							
18	Sat.	12	13 ·23	6 ·08	26	16	Thur.	11	1 ·86	13 ·51	28	15	Sun.	9	1 ·68	18 ·89	28
19	Sun.	13	14 ·21	7 ·10	27	17	Fri.	12	2 ·76	14 ·47	—29	16	Mon.	10	2 ·61	19 ·84	—29
20	Mon.	14	—**A** ·17	8 ·10	28	18	Sat.	13	3 ·65	15 ·40	1	17	Tues.	11	3 ·54	20 ·82	1
21	Tues.	15	1 ·13	9 ·07	—29	19	Sun.	14	4 ·56	16 ·34	2	18	Wed.	12	4 ·49	21 ·80	2
22	Wed.	16	2 ·05	10 ·04	1	20	Mon.	15	5 ·47	17 ·28	3	19	Thur.	13	5 ·47	22 ·80	3
			3 ·97	11 99		21	Tues.	16	*Sukla.* 6 ·39	18 ·22	4	20	Fri.	14	6 ·45	23 ·82	4
23	Thur.	17	4 ·88	12 ·92	2	22	Wed.	17	7 ·33	19 ·18	5	21	Sat.	15	*Sukla.* 7 ·47	24 ·86	5
24	Fri.	18	5 ·78	13 ·87	3	23	Thur.	18	8 ·27	20 ·15	6	22	Sun.	16	8 ·50	25 ·93	6
25	Sat.	19	6 ·68	14 ·80	4	24	Fri.	19	9 ·24	21 ·15	7	23	Mon.	17	9 ·56	... ...	7
26	Sun.	20	*Sukla.* 7 ·58	15 ·73	5	25	Sat.	20	10 ·22	22 ·16	8	24	Tues.	18	10 ·62	26 ·01	8
27	Mon.	21	8 ·48	16 ·66	6	26	Sun.	21	11 ·24	23 ·19	9	25	Wed.	19	11 ·71	27 ·10	9
28	Tues.	22	9 ·39	17 ·60	7	27	Mon.	22	12 ·26	24 ·24	10	26	Thur.	20	12 ·80	1 ·20	10
29	Wed.	23	10 ·31	18 ·56	8	28	Tues.	23	13 ·30	25 ·31	11	27	Fri.	21	13 ·88	2 ·31	11
30	Thur.	24	11 ·23	19 ·52	9	29	Wed.	24	14 ·36	26 ·39	12	28	Sat.	22	14 ·96	3 ·42	12
31	Fri.	25	12 ·18	20 ·50	10	—30	Thur.	25	**P** ·45	27 ·50	13	29	Sun.	23	... ...	4 ·52	13
—32	Sat.	26	13 15	21 ·50	11	1	Fri.	26	1 ·54	1 ·68	14	—30	Mon.	24	**P** ·03	5 ·59	14
1	Sun.	27	14 ·13	22 ·52	12	2	Sat.	27	2 ·62	2 ·71	15	1	Tues.	25	1 ·09	6 ·65	15
2	Mon.	28	**P** 14	23 ·56	13	3	Sun.	28	3 ·70	3 ·81	16	2	Wed.	26	2 ·12	7 ·69	16
3	Tues.	29	1 ·15	24 ·62	14	4	Mon.	29	4 ·77	4 ·90	17	3	Thur.	27	3 ·13	8 ·72	17
4	Wed.	30	2 ·20	25 ·70	15	5	Tues.	30	5 ·81	5 ·98	18	4	Fri.	28	4 ·11	9 ·72	18
5	Thur.	31	3 ·26	26 ·79	16							5	Sat.	29	5 ·07	10 ·70	19
															6 ·03		
												6	Sun.	30	7 ·96	11 ·66	20
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	4 ·34	27 ·90	17	6	Wed.	1	6 ·85	... .	19	7	Mon.	1	8 ·89	12 ·62	21
7	Sat.	2	5 ·43	.. ..	18	7	Thur.	2	7 ·86	6 ·03	20	8	Tues.	2	9 ·80	13 ·56	22
8	Sun.	3	6 ·52	1 ·01	19	8	Fri.	3	*Bahula.* 8 ·85	7 ·06	21	9	Wed.	3	*Bahula.* 10 ·71	14 ·50	23
9	Mon.	4	7 ·58	2 ·12	20	9	Sat.	4	9 ·82	8 ·07	22	10	Thur.	4	11 ·61	15 ·43	24
10	Tues.	5	8 ·64	3 ·21	21	10	Sun.	5	10 ·78	9 ·05	23	11	Fri.	5	12 ·51	16 ·36	25
11	Wed.	6	9 ·69	4 ·29	22	11	Mon.	6	11 71	10 ·04	24	12	Sat.	6	13 ·42	17 ·29	26
12	Thur.	7	10 ·72	5 ·35	23	12	Tues.	7	12 ·63	11 ·00	25	13	Sun.	7	14 ·33	18 ·23	27
13	Fri.	8	11 ·74	6 ·39	24					12 ·94		14	Mon.	8	—**A** ·25	19 ·19	28
14	Sat.	9	12 ·72	7 ·42	25	13	Wed.	8	13 ·54	13 ·88	26	15	Tues.	9	1 ·19	20 ·15	29
15	Sun.	10	13 ·69	8 ·42	26	14	Thur.	9	14 ·45	14 ·81	27	16	Wed.	10	2 ·14	21 ·12	—30
16	Mon.	11	14 ·65	9 ·40	27	15	Fri.	10	—**A** ·36	15 ·75	28	17	Thur.	11	3 ·11	22 ·12	1
17	Tues.	12	—**A** ·58	10 37	28	16	Sat.	11	1 26	16 ·68	29	18	Fri.	12	4 ·11	23 ·13	2
18	Wed.	13	1 49	11 ·32	29	17	Sun.	12	2 ·16	17 ·62	—30	19	Sat.	13	5 ·12	24 ·18	3
19	Thur.	14	2 ·40	12 ·27	—30				*Sukla.* 3 ·06			20	Sun.	14	6 ·14	25 ·23	4
20	Fri.	15	3 ·30	13 ·21	1	18	Mon.	13	4 98	18 ·56	1	21	Mon.	15	7 ·20	26 ·31	5
21	Sat.	16	*Sukla.* 4 ·20	14 ·13	2	19	Tues.	14	*Sukla.* 5 ·92	19 ·51	2	22	Tues.	16	8 ·27	27 ·40	6
22	Sun.	17	5 ·10	15 ·06	3	20	Wed.	15	6 ·86	20 ·49	3	23	Wed.	17	9 ·36	1 ·50	7
23	Mon.	18	6 ·00	16 ·00	4	21	Thur.	16	7 ·84	21 ·47	4	24	Thur.	18	10 ·45	2 ·62	8
			7 ·91	17 ·94		22	Fri.	17	8 ·82	22 ·48	5	25	Fri.	19	11 ·54	3 72	9
24	Tues.	19	8 83	18 89	5	23	Sat.	18	9 ·81	23 ·50	6	26	Sat.	20	12 ·61	4 ·82	10
25	Wed.	20	9 76	19 ·85	6	24	Sun.	19	10 ·86	24 ·55	7	27	Sun.	21	13 ·67	5 ·90	11
26	Thur.	21	10 ·70	20 ·83	7	25	Mon.	20	11 ·91	25 ·61	8	28	Mon.	22	14 73	6 ·96	12
27	Fri.	22	11 ·67	21 ·82	8	26	Tues.	21	12 ·98	26 ·70	9	—29	Tues.	23	**P** ·76	... ...	13
28	Sat.	23	12 ·66	22 ·84	9	27	Wed.	22	... ...	27 ·80	10	1	Wed.	24	1 ·77	7 ·02	14
29	Sun.	24	13 ·67	23 ·87	10	28	Thur.	23	13 ·06	1 ·91	11	2	Thur.	25	2 ·75	8 ·04	15
30	Mon.	25	14 ·68	24 ·93	11	29	Fri.	24	14 ·15	... ...	12	3	Fri.	26	3 ·73	9 ·05	16
—31	Tues.	26	**P** ·73	.. ...	12	—30	Sat.	25	**P** 24	2 ·01	13	4	Sat.	27	4 ·67	10 ·03	17
1	Wed.	27	1 ·79	25 ·00	13	1	Sun.	26	1 ·32	3 ·11	14					11 ·00	
2	Thur.	28	2 ·86	26 ·09	14	2	Mon.	27	2 ·38	4 ·21	15	5	Sun.	28	5 ·60	12 ·95	18
3	Fri.	29	3 ·94	27 ·20	15	3	Tues.	28	3 ·43	5 ·29	16	6	Mon.	29	*Bahula.* 6 ·53	13 ·90	19
4	Sat.	30	... ...	1 ·31	16	4	Wed.	29	4 ·48	6 ·34	17	7	Tues.	30	7 ·43	14 ·84	20
5	Sun.	31	4 ·03	2 ·41	17	5	Thur.	30	5 48	7 ·38	18	8	Wed.	31	8 ·33	15 ·77	21
						6	Fri.	31	6 ·47	8 ·39	19						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1030.
Solar Eclipse. ●
Lunar Eclipse. ○

Mésha Sankrānti (Commencement of Indian Sidereal year.)
(Surya Sid.) March 23·50. **Śaka 952.** **Kaliyuga 4131.**
(Arya Sid.) March 23·46. **(S. Cycle) Pramoda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Śukla. **Makara—Tai.**	9 Thur. 1	9 ·23	16 ·70	22
	10 Fri. 2	10 ·14	17 ·63	23
	11 Sat. 3	11 ·05 / 12 ·96	18 ·57	24
	12 Sun. 4	13 ·89	19 ·52	25
	13 Mon. 5	14 ·83	20 ·48	26
	14 Tues. 6	—A ·78	21 ·45	27
	15 Wed. 7	1 ·75	22 ·44	28
	16 Thur. 8	2 ·74	23 ·46	—29
	17 Fri. 9	3 ·76	24 ·49	1
	18 Sat. 10	4 ·80	25 ·54	2
	19 Sun. 11	5 ·85	26 ·61	3
	20 Mon. 12	6 ·91	27 ·70	4
	21 Tues. 13	...	1 ·81	5
	22 Wed. 14	7 ·01	2 ·91	6
	23 Thur. 15	8 ·10	... ...	7
	24 Fri. 16	9 ·18	3 ·02	8
	25 Sat. 17	10 ·25	4 ·12	9
	26 Sun. 18	11 ·32	5 ·21	10
	27 Mon. 19	12 ·37	6 ·27	11
	28 Tues. 20	13 ·41	7 ·33	12
	29 Wed. 21	14 ·38	8 ·36	13
	30 Thur. 22	P ·37	9 ·37	14
	31 Fri. 23	1 ·36	10 ·36	15
	Feb.			
	1 Sat. 24	2 ·29	11 ·33	16
	2 Sun. 25	3 ·22	12 ·29	17
	3 Mon. 26	4 ·15	13 ·24	18
	4 Tues. 27	5 ·06 / 6 ·96	14 ·18	19
	5 Wed. 28	7 ·86	15 ·11	20
	6 Thur. 29	8 ·76	16 ·04 / 17 ·98	21
	7 Fri. 30	9 ·67	18 ·91	22
	8 Sat. 31	10 ·58	19 ·85	23
Śukla. **Kumbha—Māsi.**	9 Sun. 1	11 ·50	20 ·81	24
	10 Mon. 2	12 ·44	21 ·78	25
	11 Tues. 3	13 ·40	22 ·77	26
	12 Wed. 4	14 ·37	23 ·78	27
	13 Thur. 5	A ·36	24 ·80	28
	14 Fri. 6	1 ·37	25 ·85	29
	15 Sat. 7	2 ·41	26 ·92	30
	16 Sun. 8	3 ·46	... ...	1
	17 Mon.	... ·53	27 ·01	2
	18 Tues. 10	... ·62	1 ·11	3
	19 Wed. 11	... ·72	2 ·22	4
	20 Thur. 12	7 ·80	3 ·32	5
	21 Fri. 13	8 ·87	4 ·42	6
	22 Sat. 14	9 ·93	5 ·51	7
	23 Sun. 15	10 ·96	6 ·59	8
	24 Mon. 16	... ...	7 ·65	9
	25 Tues. 17	11 ·00	8 ·68	10
	26 Wed. 18	12 ·00 / 13 ·99	9 ·69	11
	27 Thur. 19	14 ·95	10 ·68	12
	28 Fri. ○ 20	P ·88	11 ·67	13
Śukla. **Phālguna.**	1 Sat. 21	1 ·82	12 ·65	14
	2 Sun. 22	2 ·74	13 ·57	15
	3 Mon. 23	3 ·65	14 ·51	16
	4 Tues. 24	4 ·55	15 ·44	17
	5 Wed. 25	5 ·45	16 ·38	18
	6 Thur. 26	6 ·35	17 ·31	19
	7 Fri. 27	7 ·26	18 ·25	20
	8 Sat. 28	8 ·17	19 ·19	21

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Śukla. **Mīna—Pāngguni.**	9 Sun. 1	9 ·09	20 ·14	22
	10 Mon. 2	10 ·03 / 11 ·98	21 ·12	23
	11 Tues. 3	12 ·96	22 ·10	24
	12 Wed. 4	13 ·94	23 ·10	25
	13 Thur. 5	14 ·97	24 ·12	26
	14 Fri. 6	...	25 ·16	27
	15 Sat. 7	—A ·00	26 ·22	28
	16 Sun. 8	1 ·05	27 ·31	—29
	17 Mon. 9	2 ·12	1 ·41	1
	18 Tues. 10	3 ·20	2 ·51	2
	19 Wed. 11	4 ·29	3 ·62	3
	20 Thur. 12	5 ·37	4 ·72	4
	21 Fri. 13	6 ·45	5 ·82	5
	22 Sat. 14	7 ·50	6 ·90	6
	23 Sun. 15	8 ·55	7 ·96	7
	24 Mon. 16	9 ·56	... ...	8
	25 Tues. 17	10 ·56	8 ·00	9
	26 Wed. 18	11 ·55	9 ·01	10
	27 Thur. 19	12 ·51	10 ·02	11
	28 Fri. 20	13 ·45	11 ·00 / 12 ·96	12
	29 Sat. 21	14 ·38	13 ·91	13
	30 Sun. 22	P ·30	14 ·85	14
	31 Mon. 23	1 ·21	15 ·79	15
	April.			
Pramoda. **Mēsha—Chittirai.**	1 Tues. 24	2 ·11	16 ·72	16
	2 Wed. 25	3 ·01 / 4 ·91	17 ·65	17
	3 Thur. 26	5 ·82	18 ·58	18
	4 Fri. 27	6 ·73	19 ·52	19
	5 Sat. 28	7 ·64	20 ·48	20
	6 Sun. 29	8 ·57	21 ·44	21
	7 Mon. 30	9 ·52	22 ·42	22
	8 Tues. 31	10 ·50	23 ·42	23
Śukla.	9 Wed. 1	11 ·48	24 ·43	24
	10 Thur. 2	12 ·50	25 ·47	25
	11 Fri. 3	13 ·53	26 ·54	26
	12 Sat. 4	14 ·58	27 ·61	27
	13 Sun. 5	—A ·64	1 ·71	28
	14 Mon. 6	1 ·72	2 ·81	29
	15 Tues. 7	2 ·82	3 ·91	—30
	16 Wed. 8	3 ·91	... ...	1
	17 Thur. 9	4 ·97	4 ·03	2
	18 Fri. 10	... ...	5 ·12	3
	19 Sat. 11	5 ·02	6 ·21	4
	20 Sun. 12	6 ·08	7 ·27	5
	21 Mon. 13	7 ·10	8 ·31	6
	22 Tues. 14	8 ·10	9 ·34	7
	23 Wed. 15	9 ·09	10 ·34	8
	24 Thur. 16	10 ·05 / 11 ·98	11 ·33	9
	25 Fri. 17	12 ·96	12 ·29	10
	26 Sat. 18	13 ·82	13 ·25	11
Vaisākha.	27 Sun. 19	14 ·73	14 ·20	12
	28 Mon. 20	P ·63	15 ·13	13
	29 Tues. 21	1 ·53	16 ·06 / 17 ·99	14
	30 Wed. 22	2 ·42	18 ·92	15
Pramoda. **Vrish.—Vaigāsi.**	1 Thur. 23	3 ·33	19 ·86	16
	2 Fri. 24	4 ·24	20 ·82	17
	3 Sat. 25	5 ·15	21 ·77	18
	4 Sun. 26	6 ·09	22 ·75	19
	5 Mon. 27	7 ·04	23 ·74	20
	6 Tues. 28	8 ·01 / 9 ·99	24 ·75	21
	7 Wed. 29	... ...	25 ·79	22
	8 Thur. 30	10 ·00	26 ·85	23

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Pramoda. **Vrishabha—Vaigāsi.**	9 Fri. 1	11 ·03	27 ·92	24
	10 Sat. 2	12 ·09	... ...	25
	11 Sun. 3	13 ·15	1 ·01	26
	12 Mon. 4	14 ·23	2 ·11	27
	13 Tues. 5	—A ·31	3 ·22	28
	14 Wed. 6	1 ·40	4 ·33	—29
	15 Thur. 7	2 ·47	5 ·43	1
	16 Fri. 8	3 ·53	6 ·51	2
	17 Sat. 9	4 ·57	7 ·58	3
	18 Sun. 10	5 ·59	8 ·63	4
	19 Mon. 11	6 ·59	9 ·66	5
	20 Tues. 12	7 ·57	10 ·67	6
	21 Wed. 13	8 ·54	11 ·65	7
	22 Thur. 14	9 ·48	12 ·62	8
	23 Fri. 15	10 ·40	13 ·59	9
	24 Sat. 16	11 ·32	14 ·53	10
	25 Sun. 17	12 ·22	15 ·47	11
	26 Mon. 18	13 ·12	16 ·40	12
	27 Tues. 19	14 ·02 / P ·92	17 ·33	13
	28 Wed. 20	1 ·81	18 ·26	14
	29 Thur. 21	2 ·72	19 ·20	15
	30 Fri. 22	3 ·65	20 ·15	16
	31 Sat. 23	4 ·58	21 ·10	17
	June.			
	1 Sun. 24	5 ·52	22 ·07	18
	2 Mon. 25	6 ·49	23 ·06	19
	3 Tues. 26	7 ·48	24 ·08	20
	4 Wed. 27	8 ·48	25 ·11	21
	5 Thur. 28	9 ·52	26 ·15	22
	6 Fri. 29	10 ·56	27 ·22	23
	7 Sat. 30	11 ·62	1 ·31	24
	8 Sun. 31	12 ·70	2 ·41	25
Pramoda. **Mithuna—Āni.**	9 Mon. 1	13 ·78	3 ·52	26
	10 Tues. 2	14 ·86	4 ·63	27
	11 Wed. 3	—A ·94	5 ·73	28
	12 Thur. 4	... ..	6 ·81	29
	13 Fri. 5	1 ·01	7 ·90	—30
	14 Sat. 6	2 ·05	8 ·95	1
	15 Sun. 7	3 ·06	9 ·98	2
	16 Mon. 8	4 ·07	10 ·99	3
	17 Tues. 9	5 ·05	11 ·98	4
	18 Wed. 10	6 ·01 / 7 ·95	12 ·95	5
	19 Thur. 11	8 ·89	13 ·92	6
	20 Fri. 12	9 ·80	14 ·87	7
	21 Sat. 13	10 ·70	15 ·81	8
	22 Sun. 14	11 ·60	16 ·74	9
	23 Mon. 15	12 ·49	17 ·67	10
	24 Tues. 16	13 ·39	18 ·61	11
	25 Wed. 17	14 ·29	19 ·54	12
	26 Thur. 18	P ·20	20 ·48	13
	27 Fri. 19	1 ·12	21 ·44	14
	28 Sat. 20	2 ·06	22 ·40	15
Śukla. **Āshādha.**	29 Sun. 21	3 ·00 / 4 ·97	23 ·40	16
	30 Mon. 22	5 ·95	24 ·40	17
	31 Tues. 23	6 ·96	25 ·42	18
Pramoda. **Kark.—Āni.**	1 Wed. 24	...	26 ·46	19
	2 Thur. 25	7 ·00	27 ·53	20
	3 Fri. 26	8 ·04	1 ·62	21
	4 Sat. 27	9 ·09	2 ·71	22
	5 Sun. 28	10 ·17	3 ·82	23
	6 Mon. 29	11 ·25	4 ·92	24
	7 Tues. 30	12 ·33	... ...	25

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vis. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashād. 21. U. Ashād. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1030. **Kollam 206,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra** { **421,** Commences **Jan. 9.** / **422** **Dec. 29.** **Vikrama 1087.** **Bengal San. 436.** **(N. Cycle) Aṅgiras.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	13 41	5 03	26	6	Tues.	1	1 49	13 92	—29	7	Sun.	1	3 15	19 24	2
8	Thur.	2	14 48	6 12	27	7	Wed.	2	2 42	14 87	1	8	Mon.	2	4 03	20 17	3
9	Fri.	3	—A 53	7 20	28	8	Thur.	3	3 34	15 83	2				5 98		
10	Sat.	4	1 55	8 26	—29	9	Fri.	4	4 24	16 76	3	9	Tues.	3	6 90	21 11	4
11	Sun.	5	2 55	9 30	1	10	Sat.	5	5 14	17 69	4	10	Wed.	4	7 82	22 06	5
12	Mon.	6	3 53	10 31	2				6 04			11	Thur.	5	8 78	23 03	6
13	Tues.	7	4 49	11 31	3	11	Sun.	6	7 94	18 62	5	12	Fri.	6	9 75	24 02	7
14	Wed.	8	5 43	12 29	4	12	Mon.	7	8 85	19 55	6	13	Sat.	7	10 74	25 02	8
15	Thur.	9	6 37	13 26	5	13	Tues.	8	9 76	20 50	7	14	Sun.	8	11 75	26 04	9
16	Fri.	10	7 29	14 20	6	14	Wed.	9	10 69	21 44	8	15	Mon.	9	12 80	27 08	10
17	Sat.	11	8 20	15 14	7	15	Thur.	10	11 62	22 40	9	16	Tues.	10	13 85	1 14	11
18	Sun.	12	9 10	16 08	8	16	Fri.	11	12 56	23 37	10	17	Wed.	11	14 91	2 23	12
19	Mon.	13	10 00	17 02	9	17	Sat.	12	13 53	24 36	11	18	Thur.	12	P 99	3 32	13
			11 90	18 95		18	Sun.	13	14 51	25 37	12	19	Fri.	13	.. ...	4 42	14
20	Tues.	14	12 80	19 88	10	19	Mon.	14	P 53	26 41	13	20	Sat.	14	1 08	5 52	15
21	Wed.	15	13 70	20 82	11	20	Tues.	15	1 56	27 46	14	21	Sun.	15	2 17	6 62	16
22	Thur.	16	14 62	21 77	12	21	Wed.	16	2 61	1 53	15	22	Mon.	16	3 24	7 74	17
23	Fri.	17	P 56	22 74	13	22	Thur.	17	3 67	2 61	16	23	Tues.	17	4 31	8 81	18
24	Sat.	18	1 51	23 72	14	23	Fri.	18	4 75	3 71	17	24	Wed.	18	5 37	9 87	19
25	Sun.	19	2 46	24 72	15	24	Sat.	19	5 84	4 83	18	25	Thur.	19	6 40	10 91	20
26	Mon.	20	3 44	25 74	16	25	Sun.	20	6 92	5 93	19	26	Fri.	20	7 41	11 93	21
27	Tues.	21	4 45	26 77	17	26	Mon.	21	.. ...	.. ...	20	27	Sat.	21	8 39	12 93	22
28	Wed.	22	5 48	27 84	18	27	Tues.	22	7 00	6 03	21	28	Sun.	22	9 36	13 92	23
29	Thur.	23	6 52	1 92	19	28	Wed.	23	8 07	7 12	22	29	Mon.	23	10 31	14 88	24
30	Fri.	24	7 59	.. ...	20	29	Thur.	24	9 12	8 19	23	—30	Tues.	24	11 25	15 84	25
31	Sat.	25	8 66	2 03	21	—30	Fri.	25	10 15	9 25	24	1	Wed.	25	12 17	16 78	26
—32	Sun.	26	9 75	3 12	22	1	Sat.	26	11 16	10 28	25	2	Thur.	26	13 08	17 71	27
1	Mon.	27	10 83	4 22	23	2	Sun.	27	12 15	11 29	26				14 98		
2	Tues.	28	11 91	5 33	24	3	Mon.	28	13 11	12 28	27	3	Fri.	27	—A 88	18 65	28
3	Wed.	29	12 97	6 43	25	4	Tues.	29	14 07	13 25	28	4	Sat.	28	1 78	19 58	29
4	Thur.	30	... ...	7 51	26	5	Wed.	30	A 00	14 22	29	5	Sun.	29	2 69	20 51	—30
5	Fri.	31	13 01	8 57	27				1 92			6	Mon.	30	3 61	21 45	1
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	14 04	9 61	28	6	Thur.	1	2 83	15 16	— 30	7	Tues.	1	4 53	22 40	2
7	Sun.	2	—A 05	10 63	29	7	Fri.	2	3 73	16 10	1	8	Wed.	2	5 47	23 37	3
8	Mon.	3	1 04	11 64	—30					17 03		9	Thur.	3	6 42	24 34	4
			2 00			8	Sat.	3	4 63	18 96	2	10	Fri.	4	7 40	25 31	5
9	Tues.	4	3 95	12 62	1	9	Sun.	4	5 53	19 89	3	11	Sat.	5	8 39	26 35	6
10	Wed.	5	4 88	13 59	2	10	Mon.	5	6 44	20 84	4	12	Sun.	6	9 40	27 39	7
11	Thur.	6	5 79	14 54	3	11	Tues.	6	7 35	21 78	5	13	Mon.	7	10 44	1 45	8
12	Fri.	7	6 70	15 48	4	12	Wed.	7	8 27	22 73	6	14	Tues.	8	11 49	2 53	9
13	Sat.	8	7 60	16 42	5	13	Thur.	8	9 21	23 70	7	15	Wed.	9	12 57	3 62	10
14	Sun.	9	8 50	17 35	6	14	Fri.	9	10 15	24 68	8	16	Thur.	10	13 65	4 72	11
15	Mon.	10	9 40	18 28	7	15	Sat.	10	11 13	25 70	9	17	Fri.	11	14 74	5 83	12
16	Tues.	11	10 31	19 22	8	16	Sun.	11	12 12	26 72	10	18	Sat.	12	P 83	6 94	13
17	Wed.	12	11 22	20 15	9	17	Mon.	12	13 13	27 77	11	19	Sun.	13	1 90	.. ..	14
18	Thur.	13	12 13	21 11	10	18	Tues.	13	14 15	1 83	12	20	Mon.	14	2 97	7 04	15
19	Fri.	14	13 07	22 07	11	19	Wed.	14	P 21	2 91	13	21	Tues.	15	.. ....	8 12	16
			14 01			20	Thur.	15	1 28	.. ..	14	22	Wed.	16	3 02	9 18	17
20	Sat. ○	15	P 98	23 05	12	21	Fri.	16	2 37	3 01	15	23	Thur.	17	4 05	10 23	18
21	Sun.	16	1 96	24 04	13	22	Sat.	17	3 46	4 13	16	24	Fri.	18	5 05	11 25	19
22	Mon.	17	2 93	25 05	14	23	Sun.	18	4 54	5 23	17	25	Sat.	19	6 05	12 27	20
23	Tues.	18	.. ...	26 09	15	24	Mon.	19	5 61	6 33	18				7 01		
24	Wed.	19	3 00	27 15	16	25	Tues.	20	6 68	7 42	19	26	Sun.	20	8 95	13 25	21
25	Thur.	20	4 05	1 22	17	26	Wed.	21	7 73	8 51	20	27	Mon.	21	9 89	14 22	22
26	Fri.	21	5 11	2 31	18	27	Thur.	22	8 76	9 56	21	28	Tues.	22	10 81	15 17	23
27	Sat.	22	6 18	3 41	19	28	Fri.	23	9 77	10 60	22	—29	Wed.	23	11 72	16 11	24
28	Sun.	23	7 27	4 52	20	29	Sat.	24	10 76	11 61	23	1	Thur.	24	12 62	17 06	25
29	Mon.	24	8 35	5 64	21	—30	Sun.	25	11 73	12 61	24					18 99	
30	Tues.	25	9 44	6 73	22	1	Mon.	26	12 68	13 59	25	2	Fri.	25	13 52	19 92	26
—31	Wed.	26	10 51	7 82	23	2	Tues.	27	13 62	14 55	26	3	Sat.	26	14 42	20 85	27
1	Thur.	27	11 55	8 88	24	3	Wed.	28	14 53	15 50	27	4	Sun.	27	—A 33	21 78	28
2	Fri.	28	12 57	9 93	25	4	Thur.	29	—A 44	16 44	28	5	Mon.	28	1 25	22 74	—29
3	Sat.	29	13 58	10 96	26	5	Fri.	30	1 35	17 37	—29	6	Tues.	29	2 16	23 70	1
4	Sun.	30	14 57	11 97	27	6	Sat.	31	2 25	18 30	1	7	Wed.	30	3 11	24 67	2
5	Mon.	31	—A 54	12 95	28							8	Thur.	31	4 06	25 65	3

Pramoda. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H. 421 Rajab.*

Pramoda. **Simha—Avaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H. 421 Sha'bān.*

Pramoda. **Kanyā—Puraṭṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *H. 421 Ramazān.*

Pramoda. **Tulā—Aippasi.** *Śukla.* **Kārttika.** *Bahula.* *H. 421 Shawwāl.*

Pramoda. **Vṛiśchika—Kārtigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H. 421 Zi-l-ka'da.*

Pramoda. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H. 421 Zi-l-hijja.*

Pramoda. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1031. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·76.** **Śaka 953.** **Kaliyuga 4132.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·72.** **(S. Cycle) Prajāpati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Fri.	1	5 ·04	26 ·67	4	9	Mon.	1	5 ·36	3 ·52	4	8	Sat.	1	7 ·86	9 ·73	6
10	Sat.	2	6 ·03	27 ·71	5	10	Tues.	2	6 ·43	4 ·63	5	9	Sun.	2	8 ·90	10 ·80	7
11	Sun.	3	7 ·06	1 ·76	6	11	Wed.	3	7 ·52	5 ·73	6	10	Mon.	3	9 ·92	11 ·85	8
12	Mon.	4	8 ·09	2 ·83	7	12	Thur.	4	8 ·61	6 ·84	7	11	Tues.	4	10 ·91	13 ·87	9
13	Tues.	5	9 ·15	3 ·92	8	13	Fri.	5	9 ·69	7 ·94	8	12	Wed.	5	11 ·90	13 ·89	10
14	Wed.	6	10 ·22	... ...	9	14	Sat.	6	10 ·76	... ..	9	13	Thur.	6	12 ·86	14 ·87	11
15	Thur.	7	11 ·30	4 ·02	10	15	Sun.	7	11 ·81	8 ·03	10	14	Fri.	7	13 ·79	15 ·84	12
16	Fri.	8	12 ·39	5 ·13	11	16	Mon.	8	12 ·86	9 ·12	11	15	Sat.	8	14 ·71	16 ·80	13
17	Sat.	9	13 ·48	6 ·24	12	17	Tues.	9	13 ·88	10 ·18	12	16	Sun.	9	P ·63	17 ·74	14
18	Sun.	10	14 ·56	7 ·34	13	18	Wed.	10	14 ·88	11 ·22	13	17	Mon.	10	1 ·54	18 ·69	15
19	Mon.	11	P ·62	8 ·43	14	19	Thur.	11	P ·86	12 ·23	14	18	Tues.	11	2 ·43	19 ·62	16
20	Tues.	12	1 ·67	9 ·49	15	20	Fri.	12	1 ·82	13 ·23	15	19	Wed.	12	3 ·33	20 ·55	17
21	Wed.	13	2 ·68	10 ·54	16	21	Sat.	13	2 ·76	14 ·22	16	20	Thur.	13	4 ·23	21 ·48	18
22	Thur.	14	3 ·69	11 ·58	17	22	Sun.	14	3 ·68	15 ·18	17	21	Fri.	14	5 ·13	22 ·41	19
23	Fri.	15	4 ·68	12 ·59	18	23	Mon.	15	4 ·60	16 ·13	18	22	Sat.	15	6 ·04	23 ·37	20
24	Sat.	16	5 ·64	13 ·58	19	24	Tues.	16	5 ·51	17 ·07	19				7 ·96		
25	Sun.	17	6 ·58	14 ·55	20	25	Wed.	17	6 ·41	18 ·00	20	23	Sun.	16	8 ·90	24 ·32	21
26	Mon.	18	7 ·51	15 ·50	21					19 ·93		24	Mon.	17	9 ·84	25 ·29	22
27	Tues.	19	8 ·44	16 ·46	22	26	Thur.	18	7 ·31	20 ·87	21	25	Tues.	18	10 ·82	26 ·28	23
28	Wed.	20	9 ·34	17 ·39	23	27	Fri.	19	8 ·21	21 ·80	22	26	Wed.	19	11 ·80	27 ·29	24
29	Thur.	21	10 ·24	18 ·32	24	28	Sat.	20	9 ·11	22 ·74	23	27	Thur.	20	12 ·82	1 ·33	25
30	Fri.	22	11 ·14	19 ·25	25	29	Sun.	21	10 ·02	23 ·69	24	28	Fri.	21	13 ·85	2 ·37	26
1	Sat.	23	12 ·05	20 ·18	26				11 ·94			29	Sat.	22	14 ·90	3 ·44	27
			13 ·96			30	Mon.	22	12 ·87	24 ·65	25	30	Sun.	23	—A ·97	4 ·53	28
2	Sun.	24	14 ·87	21 ·13	27	31	Tues.	23	13 ·84	25 ·64	26	31	Mon.	24	... ...	5 ·63	29
3	Mon.	25	—A ·79	22 ·07	28	1	Wed.	24	14 ·81	26 ·64	27	1	Tues.	25	1 ·04	6 ·74	—30
4	Tues.	26	1 ·72	23 ·03	29	2	Thur.	25	—A ·80	27 ·65	28	2	Wed.	26	2 ·13	7 ·85	1
5	Wed.	27	2 ·68	24 ·00	—30	3	Fri.	26	—1 ·82	1 ·69	29	3	Thur.	27	3 ·21	8 ·95	2
				25 ·98		4	Sat.	27	2 ·85	2 ·75	—30	4	Fri.	28	4 ·28	... ...	3
6	Thur.	28	3 ·67	26 ·99	1	5	Sun.	28	3 ·90	3 ·83	1	5	Sat.	29	5 ·34	9 ·04	4
7	Fri.	29	4 ·66	... ...	2	6	Mon.	29	4 ·96	4 ·93	2	6	Sun.	30	6 ·39	10 ·11	5
8	Sat.	30	5 ·67	27 ·02	3	7	Tues.	30	... ...	... ...	3	7	Mon.	31	7 ·40	11 ·16	6
9	Sun.	31	6 ·71	1 ·07	4	8	Wed.	31	5 ·05	5 ·03	4						
		Feb.						**April.**						**June.**			
10	Mon.	1	7 ·77	2 ·14	5	9	Thur.	1	6 ·14	6 ·14	5	8	Tues.	1	8 ·39	12 ·20	7
11	Tues.	2	8 ·83	3 ·22	6	10	Fri.	2	7 ·23	7 ·24	6	9	Wed.	2	9 ·38	13 ·21	8
12	Wed.	3	9 ·93	4 ·32	7	11	Sat.	3	8 ·31	8 ·35	7	10	Thur.	3	10 ·33	14 ·20	9
13	Thur.	4	... ...	5 ·43	8	12	Sun.	4	9 ·36	9 ·43	8	11	Fri.	4	11 ·28	15 ·17	10
14	Fri.	5	10 ·02	6 ·54	9	13	Mon.	5	10 ·39	10 ·49	9	12	Sat.	5	12 ·20	16 ·13	11
15	Sat.	6	11 ·10	7 ·64	10	14	Tues.	6	11 ·40	11 ·53	10	13	Sun.	6	13 ·12	17 ·09	12
16	Sun.	7	12 ·17	8 ·73	11	15	Wed.	7	12 ·41	12 ·55	11	14	Mon.	7	14 ·02	18 ·03	13
17	Mon.	8	13 ·23	9 ·80	12	16	Thur.	8	13 ·39	13 ·56	12				P ·92	19 ·96	
18	Tues.	9	14 ·28	10 ·87	13	17	Fri.	9	14 ·36	14 ·55	13	15	Tues.	8	1 ·82	20 ·89	14
19	Wed.○	10	P ·30	11 ·90	14	18	Sat.	10	P ·29	15 ·51	14	16	Wed.	9	2 ·72	21 ·82	15
20	Thur.	11	1 ·31	12 ·91	15	19	Sun.	11	1 ·21	16 ·46	15	17	Thur.	10	3 ·62	22 ·76	16
21	Fri.	12	2 ·29	13 ·90	16	20	Mon.	12	2 ·13	17 ·41	16	18	Fri.	11	4 ·52	23 ·70	17
22	Sat.	13	3 ·25	14 ·88	17	21	Tues.	13	3 ·04	18 ·34	17	19	Sat.	12	5 ·41	24 ·66	18
23	Sun.	14	4 ·19	15 ·85	18				4 ·94			20	Sun.	13	6 ·37	25 ·62	19
24	Mon.	15	5 ·12	16 ·79	19	22	Wed.	14	5 ·83	19 ·28	18	21	Mon.	14	7 ·32	26 ·61	20
25	Tues.	16	6 ·04	17 ·73	20	23	Thur.	15	6 ·73	20 ·21	19	22	Tues.	15	8 ·29	27 ·61	21
			7 ·94			24	Fri.	16	7 ·63	21 ·14	20	23	Wed.	16	9 ·27	1 ·64	22
26	Wed.	17	8 ·84	18 ·66	21	25	Sat.	17	8 ·51	22 ·08	21	24	Thur.	17	10 ·29	2 ·68	23
27	Thur.	18	9 ·74	19 ·59	22					23 ·02		25	Fri.	18	11 ·32	3 ·75	24
28	Fri.	19	10 ·64	20 ·53	23	26	Sun.	18	9 ·46	24 ·99	22	26	Sat.	19	12 ·38	4 ·83	25
—29	Sat.	20	11 ·55	21 ·47	24	27	Mon.	19	10 ·40	25 ·97	23	27	Sun.	20	13 ·44	5 ·92	26
1	Sun.	21	12 ·46	22 ·41	25	28	Tues.	20	11 ·35	26 ·96	24	28	Mon.	21	14 ·51	... ...	27
2	Mon.	22	13 ·39	23 ·36	26	29	Wed	21	12 ·32	27 ·97	25	29	Tues	22	A ·58	6 ·04	28
3	Tues.	23	14 ·32	24 ·33	27	30	Thur.	22	13 ·31	... ...	26	30	Wed.	23	1 ·66	7 ·15	29
4	Wed.	24	—A ·29	25 ·31	28	—31	Fri.	23	14 ·32	1 ·00	27	31	Thur.	24	2 ·75	8 ·25	1
5	Thur.	25	1 ·26	26 ·22	—29	1	Sat.	24	A ·36	2 ·07	28	32	Fri	25	3 ·81	9 ·34	2
6	Fri.	26	2 ·25	27 ·34	1	2	Sun.	25	1 ·41	3 ·14	—29	1	Sat.	26	4 ·85	10 ·41	3
7	Sat.	27	3 ·27	1 ·38	2	3	Mon.	26	2 ·48	4 ·23	1	2	Sun.	27	5 ·87	11 ·48	4
8	Sun.	28	4 ·30	2 ·44	3	4	Tues.	27	3 ·56	5 ·33	2	3	Mon.	28	6 ·87	12 ·52	5
						5	Wed.	28	4 ·65	6 ·43	3	4	Tues.	29	7 ·85	13 ·53	6
						6	Thur.	29	5 ·73	7 ·55	4	5	Wed.	30	8 ·81	14 ·53	7
						7	Fri.	30	6 ·79	8 ·65	5						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh 10. Magh. 11. P. Phal. 12 U. Phal 25. P. Bhad. 26. U. Bhad 27 Rev.

A.D. 1031. **Kollam 207,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 423.** Commences **Dec. 19.** **Vikrama 1088.** **Bengal San. 437.** **(N. Cycle) Śrīmukha.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Prajāpati.						*Prajāpati.*						*Prajāpati.*					
Karkaṭaka—Ādi.						**Kanyā—Puraṭṭāśi.**						**Vṛśchika—Kārttigai.**					
6	Thur.	1	9 ·76	15 ·50	8	6	Wed.	1	12 ·15	23 ·71	11	6	Mon.	1	14 ·03	2 ·26	13
7	Fri.	2	10 ·69	16 ·48	9	7	Thur.	2	13 ·06	24 ·65	12	7	Tues.	2	P ·05	3 ·30	14
8	Sat.	3	11 ·61	17 ·42	10				14 ·98			8	Wed.	3	1· 07	4 ·36	15
9	Sun.	4	12 ·51	18 ·36	11	8	Fri.	3	P ·92	25 ·62	13	9	Thur.	4	2 ·13	5 ·44	16
10	Mon.	5	13 ·41	19 ·30	12	9	Sat.	4	1 ·86	26 ·59	14	10	Fri.	5	3 ·21	6 ·53	17
11	Tues.	6	14 ·31	20 ·23	13	10	Sun.	5	2 ·83	27 58	15	11	Sat.	6	4 ·29	7 ·64	18
12	Wed.	7	P ·21	21 ·16	14	11	Mon.	6	3 ·82	1 ·59	16	12	Sun.	7	5 ·38	8 ·75	19
13	Thur.	8	1 ·11	22 ·10	15	12	Tues.	7	4 ·84	2 ·62	17	13	Mon.	8	6 ·46	9 ·85	20
14	Fri.	9	2 ·01	23 ·04	16	13	Wed.	8	5 ·86	3 ·68	18	14	Tues.	9	7 ·54	10 ·95	21
			3 ·93	24 ·99													
15	Sat.	10	4 ·85	25 ·95	17	14	Thur.	9	6 ·91	4 ·75	19	15	Wed.	10	8 ·62	... ...	22
16	Sun.	11	5 ·81	26 ·93	18	15	Fri.	10	7 ·98	5 ·83	20	16	Thur.	11	9 ·67	11 ·03	23
17	Mon.	12	6 ·78	27 ·94	19	16	Sat.	11	... ...	6 ·93	21	17	Fri.	12	10 ·68	12 ·09	24
18	Tues.	13	7 ·76	1 ·96	20	17	Sun.	12	8 ·05	... ...	22	18	Sat.	13	11 ·69	13 ·13	25
19	Wed.	14	8 ·78	2 ·99	21	18	Mon.	13	9 ·13	7 ·04	23	19	Sun.	14	12 ·68	14 ·15	26
20	Thur.	15	9 ·79	... ...	22	19	Tues.	14	10 ·23	8 ·15	24	20	Mon.	15	13 ·64	15 ·15	27
21	Fri.	16	10 ·85	3 ·05	23	20	Wed.	15	11 ·31	9 ·25	25	21	Tues.	16	14 ·59	16 ·13	28
22	Sat.	17	11 92	4 ·13	24	21	Thur.	16	12 ·38	10 ·34	26	22	Wed.	17	—A ·52	17 ·10	29
23	Sun.	18	12 ·99	5 ·23	25	22	Fri.	17	13 ·42	11 ·41	27	23	Thur.	18	1 ·44	18 ·05	—30
24	Mon.	19	... ...	6 ·34	26	23	Sat.	18	14 ·45	12 ·46	28					19 ·99	
25	Tues.	20	13 ·07	7 ·45	27	24	Sun.	19	—A ·46	13 ·46	29	24	Fri.	19	2 ·35	20 ·93	1
26	Wed.	21	14 ·16	8 ·55	28	25	Mon.	20	1 ·44	14 ·51	30	25	Sat.	20	3 ·25	21 ·86	2
27	Thur.	22	—A ·24	9 ·64	29	26	Tues.	21	2 ·42	15 ·50	— 1	26	Sun.	21	4 ·15	22 ·80	3
28	Fri.	23	1 ·29	10 ·73	—30	27	Wed	22	3 ·36	16 ·47	2	27	Mon.	22	5 ·05	23 ·73	4
29	Sat.	24	2 ·34	11 ·79	1	28	Thur.	23	4 ·29	17 ·43	3				6 ·96		
30	Sun.	25	3 ·36	12 ·83	2	29	Fri.	24	5 20	18 ·37	4	28	Tues.	23	7 ·88	24 ·67	5
—31	Mon.	26	4 ·37	13 ·85	3	30	Sat.	25	6 ·12	19 ·32	5	—29	Wed.	24	8 ·81	25 ·62	6
1	Tues.	27	5 ·35	14 ·85	4	—31	Sun.	26	7 ·02	20 ·25	6	1	Thur.	25	9 ·75	26 ·58	7
2	Wed.	28	6 ·32	15 ·84	5	1	Mon.	27	8 ·92	21 ·18	7	2	Fri.	26	10 ·71	27 ·55	8
3	Thur.	29	7 ·27	16 ·81	6	2	Tues.	28	9 ·82	22 ·11	8	3	Sat.	27	11 ·68	1 ·56	9
4	Fri.	30	8 ·19	17 ·76	7	3	Wed.	29	10 ·72	23 ·04	9	4	Sun.	28	12 ·66	2 ·57	10
5	Sat.	31	9 ·10	18 ·70	8	4	Thur.	30	11 ·64	24 ·00	10	5	Mon.	29	13 ·69	3 ·61	11
									12 ·56	25 ·95		6	Tues.	30	14 ·72	4 ·66	12
	Aug.						**Oct.**						**Dec.**				
Prajāpati.						*Prajāpati.*						*Prajāpati.*					
Siṁha—Āvaṇi.						**Tulā—Aippaśi.**						**Dhanus—Mārgali.**					
6	Sun.	1	10 ·01	19 ·63	9	5	Fri.	1	13 ·50	26 ·92	11	7	Wed.	1	P ·78	5 ·74	13
			11 ·91			6	Sat.	2	14 ·44	27 ·90	12	8	Thur.	2	1 ·85	6 ·84	14
7	Mon.	2	12 ·81	20 ·56	10	7	Sun.	3	P ·42	1 ·91	13	9	Fri.	3	2 ·93	7 ·94	15
8	Tues.	3	13 ·71	21 ·50	11	8	Mon.	4	1 ·41	2 ·94	14	10	Sat.	4	... ...	... ...	16
9	Wed.	4	14 ·61	22 ·43	12	9	Tues.	5	2 ·41	3 ·99	15	11	Sun.	5	3 ·02	8 ·05	17
10	Thur.	5	P ·51	23 ·37	13	10	Wed.	6	3 ·45	... ...	16	12	Mon.	6	4 ·12	9 ·15	18
11	Fri.	6	1 ·44	24 ·32	14	11	Thur.	7	4 ·50	4 ·05	17	13	Tues.	7	5 ·20	10 ·25	19
12	Sat.	7	2 ·37	25 ·28	15	12	Fri.	8	5 ·58	5 ·13	18	14	Wed.	8	6 ·26	11 ·34	20
13	Sun.	8	3 ·32	26 ·27	16	13	Sat.	9	6 ·66	6 ·23	19	15	Thur.	9	7 ·31	12 ·41	21
14	Mon.	9	4 ·29	27 ·26	17	14	Sun.	10	7 ·75	7 ·35	20	16	Fri.	10	8 ·33	13 ·45	22
15	Tues.	10	5 ·28	1 ·27	18	15	Mon.	11	8 ·81	8 ·45	21	17	Sat.	11	9 ·34	14 ·47	23
16	Wed.	11	6 ·29	2 ·31	19	16	Tues.	12	9 ·92	9 ·55	22	18	Sun.	12	10 ·32	15 ·47	24
17	Thur.	12	7 ·31	3 ·36	20	17	Wed.	13	10 ·98	10 ·64	23	19	Mon.	13	11 ·29	16 47	25
18	Fri.	13	8 ·36	4 ·44	21	18	Thur.	14	... ...	11 ·72	24	20	Tues.	14	12 ·24	17 ·44	26
19	Sat.	14	9 ·42	5 ·53	22	19	Fri.	15	11 ·02	12 ·77	25	21	Wed.	15	13 ·17	18 ·39	27
20	Sun.	15	10 ·50	6 ·63	23	20	Sat.	16	12 ·06	13 ·82	26	22	Thur.	16	14 ·08	19 ·33	28
21	Mon.	16	11 ·58	7 ·74	24	21	Sun.	17	13 ·06	14 ·83	27				A ·99		
22	Tues.	17	12 ·67	8 ·85	25	22	Mon.	18	14 ·05	15 ·82	28	23	Fri.	17	1 ·90	20 ·27	29
23	Wed.	18	13 ·75	9 ·95	26	23	Tues.	19	A ·01	16 ·80	—29	24	Sat.	18	2 ·81	21 ·21	—30
24	Thur.	19	14 ·82	... ...	27				1 ·97			25	Sun.	19	3 ·71	22 ·14	1
25	Fri.	20	—A ·86	10 ·04	28	24	Wed.	20	2 ·90	17 ·76	1	26	Mon.	20	4 ·61	23 ·07	2
26	Sat.	21	1 ·88	11 ·10	—29	25	Thur.	21	3 ·81	18 ·72	2	27	Tues.	21	5 ·52	24 ·00	3
27	Sun.	22	2 ·90	12 ·15	1	26	Fri.	22	4 ·72	19 ·66	3					25 ·95	
28	Mon.	23	3 ·88	13 ·17	2	27	Sat.	23	5 ·62	20 ·59	4	28	Wed.	22	6 ·46	26 ·91	4
29	Tues.	24	4 ·85	14 ·19	3	28	Sun.	24	6 ·52	21 ·52	5	—29	Thur.	23	7 ·39	27 ·89	5
30	Wed.	25	5 ·79	15 ·17	4	29	Mon.	25	7 ·42	22 ·45	6	1	Fri.	24	8 ·35	1 ·88	6
—31	Thur.	26	6 ·72	16 ·14	5	—30	Tues.	26	8 ·33	23 ·39	7	2	Sat.	25	9 ·33	2 ·89	7
1	Fri.	27	7 ·63	17 ·09	6	1	Wed.	27	9 ·25	24 ·33	8	3	Sun.	26	10 ·32	3 ·92	8
				18 ·04		2	Thur.	28	10 ·18	25 ·28	9	4	Mon.	27	11 ·33	4 ·97	9
2	Sat.	28	8 ·54	19 ·97		3	Fri.	29	11 ·11	26 ·25	10	5	Tues.	28	12 ·36	... ...	10
3	Sun.	29	9 ·45	20 ·91	8	4	Sat.	30	12 ·06	27 ·23	11	6	Wed.	29	13 ·43	5 ·05	11
4	Mon.	30	10 ·35	21 ·84	9	5	Sun.	31	13 ·04	1 ·24	12	7	Thur.	30	14 ·51	6 ·14	12
5	Tues.	31	11 ·25	22 ·77	10							8	Fri.	31	P ·61	7 ·24	13

H. 422 Rajab. *H. 422 Sha'bān.* *H. 422 Ramazān.* *H. 422 Shawwāl.* *H. 422 Zi-l-ka'da.* *H. 422 Zi-l-hijja.* *H. 423 Muharram.*

Bahula. *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Bhād. **Kart.** **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1032. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·02.** **Śaka 954.** **Kaliyuga 4133.**
Lunar Eclipse. ○ **(Arya Sid.) March 22·98.** **(S. Cycle) Aṅgiras.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Sat.	1	1 ·70	8 ·35	14	9	Wed.	1	1 ·17	13 ·39	15	9	Mon.	1	3 ·04	19 ·02	17
10	Sun.	2	2 ·78	9 ·45	15	10	Thur	2	2 ·19	14 ·44	16				4 ·05	20 ·96	
11	Mon.	3	3 ·85	10 ·56	16	11	Fri.	3	3 ·18	15 ·45	17	10	Tues.	2	5 ·86	21 ·90	18
12	Tues.	4	4 ·92	11 ·65	17	12	Sat.	4	4 ·17	16 ·55	18	11	Wed.	3	6 ·77	22 ·84	19
13	Wed.	5	5 ·96	12 ·11	18	13	Sun.	5	5 ·12	17 ·43	19	12	Thur.	4	7 ·66	23 ·77	20
14	Thur.	6	6 ·97	13 ·76	19	14	Mon.	6	6 ·06	18 ·39	20	13	Fri.	5	8 ·55	24 ·70	21
15	Fri.	7	7 ·98	14 ·79	20				7 ·99			14	Sat.	6	9 ·44	25 ·63	22
16	Sat.	8	8 ·96	15 ·81	21	15	Tues.	7	8 ·90	19 ·35	21	15	Sun.	7	10 ·34	26 ·58	23
17	Sun.	9	9 ·93	16 ·80	22	16	Wed.	8	9 ·81	20 ·29	22	16	Mon.	8	11 ·28	27 ·54	24
18	Mon.	10	10 ·87	17 ·77	23	17	Thur.	9	10 ·71	21 ·22	23	17	Tues.	9	12 ·23	1 ·51	25
19	Tues.	11	11 ·8	18 ·72	24	18	Fri.	10	11 ·61	22 ·15	24	18	Wed.	10	13 ·19	2 ·50	26
20	Wed.	12	12 ·71	19 ·67	25	19	Sat.	11	12 ·51	23 ·08	25	19	Thur.	11	14 ·15	3 ·51	27
21	Thur.	13	13 ·62	20 ·60	26					24 ·02		20	Fri.	12	A ·16	4 ·54	28
22	Fri.	14	14 ·53	21 ·54	27	20	Sun.	12	13 ·42	25 ·96	26	21	Sat.	13	1 ·16	5 ·58	29
23	Sat. ●	15	A ·43	22 ·47	28	21	Mon.	13	14 ·33	26 ·91	27	22	Sun.	14	2 ·19	6 ·66	30
24	Sun.	16	1 ·33	23 ·40	29	22	Tues.	14	A ·25	27 ·87	28	23	Mon.	15	3 ·25	7 ·75	1
25	Mon.	17	2 ·23	24 ·34	30	23	Wed.	15	1 ·13	1 ·85	29	24	Tues.	16	4 ·32	8 ·85	2
26	Tues.	18	3 ·15	25 ·28	1	24	Thur.	16	2 ·14	2 ·86	30	25	Wed.	17	5 ·39	9 ·95	3
27	Wed.	19	4 ·08	26 ·25	2	25	Fri.	17	3 ·12	3 ·87	1	26	Thur.	18	6 ·46	... ...	4
28	Thur.	20	5 ·02	27 ·22	3	26	Sat.	18	4 ·11	4 ·91	2	27	Fri.	19	7 ·54	10 ·06	5
			6 ·98			27	Sun.	19	5 ·14	5 ·97	3	28	Sat.	20	8 ·60	11 ·17	6
29	Fri.	21	7 ·95	1 ·20	4	28	Mon.	20	6 ·17	.. ..	4	29	Sun.	21	9 ·66	12 ·26	7
30	Sat.	22	8 ·95	2 ·21	5	29	Tues.	21	7 ·22	6 ·05	5	30	Mon.	22	10 ·71	13 ·33	8
1	Sun.	23	9 ·96	3 ·23	6	30	Wed.	22	8 ·30	7 ·15	6	31	Tues.	23	11 ·72	14 ·38	9
2	Mon.	24	... .	4 ·29	7	1	Thur.	23	9 ·38	8 ·25	7	1	Wed.	24	12 ·72	15 ·41	10
3	Tues.	25	10 ·00	5 ·36	8	2	Fri.	24	10 ·47	9 ·36	8	2	Thur.	25	13 ·70	16 ·43	11
4	Wed.	26	11 ·06	6 ·44	9	3	Sat.	25	11 ·55	10 ·46	9	3	Fri.	26	14 ·66	17 ·42	12
5	Thur.	27	12 ·14	7 ·54	10	4	Sun.	26	12 ·62	11 ·56	10	4	Sat.	27	P ·59	18 ·39	13
6	Fri.	28	13 ·23	8 ·64	11	5	Mon.	27	13 ·67	12 ·64	11	5	Sun.	28	1 ·52	19 ·35	14
7	Sat.	29	14 ·32	9 ·76	12	6	Tues.	28	14 ·72	13 ·71	12	6	Mon.	29	2 ·44	20 ·30	15
8	Sun.	30	P ·40	10 ·86	13	7	Wed.	29	P ·73	14 ·75	13	7	Tues.	30	3 ·35	21 ·25	16
9	Mon.	31	1 ·47	11 ·95	14	8	Thur.	30	1 ·72	15 ·77	14	8	Wed.	31	4 ·26	22 ·18	17
	Feb.					9	Fri.	31	2 ·70	16 ·77	15						
							April.						**June.**				
10	Tues.	1	2 ·54	... ...	15	10	Sat.	1	3 ·65	17 ·76	16	9	Thur.	1	5 ·15	23 ·11	18
11	Wed.	2	3 ·58	12 ·02	16	11	Sun.	2	4 ·60	18 ·73	17	10	Fri.	2	6 ·05	24 ·04	19
12	Thur.	3	4 ·59	13 ·08	17	12	Mon.	3	5 ·53	19 ·63	18				7 ·95	25 ·97	
13	Fri.	4	5 ·60	14 ·12	18	13	Tues.	4	6 ·45	20 ·63	19	11	Sat.	3	8 ·85	26 ·91	20
14	Sat.	5	6 ·58	15 ·13	19	14	Wed.	5	7 ·35	21 ·56	20	12	Sun.	4	9 ·78	27 ·88	21
15	Sun.	6	7 ·55	16 ·12	20	15	Thur.	6	8 ·24	22 ·49	21	13	Mon.	5	10 ·71	1 ·84	22
16	Mon.	7	8 ·48	17 ·10	21	16	Fri.	7	9 ·14	23 ·43	22	14	Tues.	6	11 ·66	2 ·83	23
17	Tues.	8	9 ·40	18 ·06	22				10 ·04			15	Wed.	7	12 ·62	3 ·83	24
				19 ·00		17	Sat.	8	11 ·95	24 ·36	23	16	Thur.	8	13 ·62	4 ·85	25
18	Wed.	9	10 ·32	20 ·95	23	18	Sun.	9	12 ·86	25 ·30	24	17	Fri.	9	14 ·62	5 ·90	26
19	Thur.	10	11 ·23	21 ·88	24	19	Mon.	10	13 ·78	26 ·24	25	18	Sat.	10	A ·66	6 ·97	27
20	Fri.	11	12 ·14	22 ·81	25	20	Tues.	11	14 ·71	27 ·20	26	19	Sun.	11	1 ·70	... ...	28
			13 ·04			21	Wed.	12	A ·67	1 ·19	27	20	Mon.	12	2 ·76	7 ·05	29
21	Sat.	12	14 ·94	23 ·74	26	22	Thur.	13	1 ·65	2 ·18	28	21	Tues.	13	3 ·85	8 ·14	1
22	Sun.	13	A ·84	24 ·68	27	23	Fri.	14	2 ·63	3 ·19	29	22	Wed.	14	4 ·93	9 ·25	2
23	Mon.	14	1 ·76	25 ·63	28	24	Sat.	15	3 ·66	4 ·22	1	23	Thur.	15	.. ..	10 ·37	3
24	Tues.	15	2 ·68	26 ·58	29	25	Sun.	16	4 ·61	5 ·28	2	24	Fri.	16	5 ·01	11 ·47	4
25	Wed.	16	3 ·62	27 ·54	1	26	Mon.	17	5 ·75	6 ·35	3	25	Sat.	17	6 ·09	12 ·56	5
26	Thur.	17	4 ·58	1 ·53	2	27	Tues.	18	6 ·81	7 ·45	4	26	Sun.	18	7 ·16	13 ·63	6
27	Fri.	18	5 ·56	2 ·53	3	28	Wed.	19	7 ·90	8 ·55	5	27	Mon.	19	8 ·18	14 ·69	7
28	Sat.	19	6 ·55	3 ·56	4	29	Thur.	20	8 ·99	9 ·65	6	28	Tues	20	9 ·21	15 ·74	8
29	Sun.	20	7 ·56	4 ·60	5	30	Fri.	21	.. ..	10 ·76	7	29	Wed.	21	10 ·20	16 ·75	9
30	Mon.	21	8 ·61	5 ·66	6	31	Sat.	22	9 ·06	11 ·86	8	30	Thur.	22	11 ·17	17 ·75	10
1	Tues.	22	9 ·66	6 ·71	7	1	Sun.	23	10 ·13	12 ·95	9	31	Fri.	23	12 ·13	18 ·72	11
2	Wed.	23	10 ·74	7 ·84	8	2	Mon.	24	11 ·18	..	10	32	Sat.	24	13 ·07	19 ·69	12
3	Thur.	24	11 ·83	8 ·95	9	3	Tues.	25	12 ·22	13 ·02	11				14 ·01		
4	Fri.	25	12 ·92	.. ...	10	4	Wed.	26	13 ·24	14 ·07	12	1	Sun.	25	P ·93	20 ·63	13
5	Sat.	26	.. ...	9 ·06	11	5	Thur.	27	14 ·24	15 ·09	13	2	Mon.	26	1 ·88	21 ·58	14
6	Sun.	27	13 ·00	10 ·16	12	6	Fri.	28	P ·22	16 ·10	14	3	Tues.	27	2 ·73	22 ·52	15
7	Mon.	28	14 ·07	11 ·25	13	7	Sat.	29	1 ·18	17 ·09	15	4	Wed.	28	3 ·63	23 ·44	16
8	Tues	29	P ·13	12 ·33	14	8	Sun.	30	2 ·12	18 ·06	16	5	Thur.	29	4 ·54	24 ·37	17
												6	Fri.	30	5 ·43	25 ·31	18

Prajāpati. **Makara—Tai.** *Bahula.* *Śukla.* **Pausha.** *Bahula.* *Śukla.* **Māgha.** *Bahula.* *Śukla.* **Phālguna.** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* **Jyeshṭha.** *Bahula.* *Śukla.* **Āshāḍha.** *Bahula.* *Śukla.* *Aṅgiras.* **Śrāvaṇa—Bhādrapada.** *Bahula.* *Śukla.* **Āśvina—Kārtika.** *Bahula.* *Śukla.* **Mārgaśīrsha—Pausha.** *Bahula.* *Śukla.* **Māgha—Phālguna.** *Bahula.* *Śukla.* *Prajāpati.* **Kumbha—Māsi.** *Aṅgiras.* **Mēsha—Chittirai.** *Aṅgiras.* **Mithuna—Āni.** *Aṅgiras.* **Kark.—Ādi.**

H. 423 Muharram. *H. 423 Safar.* *H. 423 Rabī-ul awwal.* *H. 423 Rabī-ul ākhir.* *H. 423 Jamāda'l awwal.* *H. 423 Jamāda'l ākhir.* *H. 423 Rajab.*

Naksh:—1 Aśvin 2 Bhar 3 Krit 4 Rohi 5 Mrig. 6 Ardrā 7. Punar. 8 Push. 9 Aślesh. 10 Magh. 11. P. Phal 12. U Phal. 25 P Bhad 27 U Bhad 27 Rev.

A.D. 1032. **Kollam 208,** { **N. Malabar—Aug.** **Hijra 424.** **Vikrama 1089.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Dec. 7.** **Bengal San. 438.**
P—Paurnimā. **(N. Cycle) Bhāva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sat. 1	6 ·34	26 ·26	19	7	Fri. 1	Bahula. 9 ·17	7 ·97	22	7	Wed. 1	11 ·84	12 ·07	24
8	Sun. 2	7 ·26	27 ·21	20	8	Sat. 2	10 ·23	... ...	23	8	Thur. 2	12 ·90	13 ·17	25
9	Mon. 3	8 ·18	1 ·17	21	9	Sun. 3	11 ·29	8 ·05	24	9	Fri. 3	13 ·95	14 ·25	26
10	Tues. 4	Bahula. 9 ·13	2 ·15	22	10	Mon. 4	12 ·36	9 ·15	25	10	Sat. 4	14 ·98	15 ·31	27
11	Wed. 5	10 ·09	3 ·15	23	11	Tues. 5	13 ·45	10 ·26	26	11	Sun. 5	—A ·98	16 ·35	28
12	Thur. 6	11 ·09	4 ·18	24	12	Wed. 6	14 ·54	11 ·37	27	12	Mon. 6	1 ·96	17 ·37	29
13	Fri. 7	12 ·10	5 ·21	25	13	Thur. 7	—A ·62	12 ·46	28	13	Tues. 7	2 ·92	18 ·37	—30
14	Sat. 8	13 ·13	6 ·27	26	14	Fri. 8	1 ·68	13 ·56	29	14	Wed. 8	3 ·87	19 ·35	1
15	Sun. 9	14 ·17	7 ·35	27	15	Sat. 9	2 ·73	14 ·63	—30	15	Thur. 9	4 ·80	20 ·31	2
16	Mon. ● 10	—A ·24	8 ·44	28	16	Sun. 10	3 ·75	15 ·68	1	16	Fri. 10	5 ·72	21 ·27	3
17	Tues. 11	1 ·32	9 ·56	29	17	Mon. 11	4 ·76	16 ·71	2	17	Sat. 11	6 ·63	22 ·21	4
18	Wed. 12	2 ·41	10 ·66	—30	18	Tues. 12	Sukla. 5 ·74	17 ·72	3	18	Sun. 12	7 ·53	23 ·15	5
19	Thur. 13	3 ·49	11 ·77	1	19	Wed. 13	6 ·70	18 ·72	4	19	Mon. 13	8 ·43	24 ·08	6
20	Fri. 14	4 ·55	12 ·86	2	20	Thur. 14	7 ·66	19 ·69	5	20	Tues. 14	9 ·33	25 ·01 / 26 ·94	7
21	Sat. 15	5 ·62	13 ·94	3	21	Fri. 15	8 ·58	20 ·65	6	21	Wed. 15	10 ·24	27 ·89	8
22	Sun. 16	6 ·66	... ...	4	22	Sat. 16	9 ·50	21 ·59	7	22	Thur. 16	11 ·16	1 ·84	9
23	Mon. 17	7 ·70	14 ·01	5	23	Sun. 17	10 ·42	22 ·53	8	23	Fri. 17	12 ·08	2 ·80	10
24	Tues. 18	8 ·69	15 ·05	6	24	Mon. 18	11 ·32	23 ·47	9	24	Sat. 18	13 ·03 / 14 ·99	3 ·77	11
25	Wed. 19	9 ·67	16 ·07	7	25	Tues. 19	12 ·22	24 ·40	10	25	Sun. 19	P ·96	4 ·77	12
26	Thur. 20	10 ·62	17 ·07	8	26	Wed. 20	13 ·12	25 ·33	11	26	Mon. 20	1 ·95	5 ·79	13
27	Fri. 21	11 ·57	18 ·05	9	27	Thur. 21	Āśvina. 14 ·02	26 ·26	12	27	Tues. 21	2 ·98	6 ·83	14
28	Sat. 22	12 ·51	19 ·02 / 20 ·98	10	28	Fri. 22	P ·92	27 ·21	13	28	Wed. 22	... ...	7 ·88	15
29	Sun. 23	13 ·42	21 ·92	11	29	Sat. 23	1 ·85	28 ·17	14	29	Thur. 23	3 ·02	8 ·96	16
30	Mon. 24	14 ·32	22 ·85	12	30	Sun. 24	2 ·79	1 ·17	15	—29				
—31	Tues. ○ 25	P ·22	23 ·78	13	—31	Mon. 25	3 ·74	2 ·14	16	1	Fri. 24	4 ·07	.. ...	17
1	Wed. 26	1 ·12	24 ·71	14	1	Tues. 26	Bhadra. 5 ·71	4 ·13	17	2	Sat. 25	5 ·14	9 ·05	18
2	Thur. 27	2 ·03 / 3 ·93	25 ·65	15	2	Wed. 27	6 ·72	5 ·15	18	3	Sun. 26	6 ·24	10 ·16	19
3	Fri. 28	4 ·83	26 ·59	16	3	Thur. 28	7 ·75	6 ·20	19	4	Mon. 27	7 ·33	11 ·27	20
4	Sat. 29	5 ·75	27 ·54	17	4	Fri. 29	8 ·81	7 ·27	20	5	Tues. 28	8 ·41	12 ·37	21
5	Sun. 30	6 ·69	1 ·50	18	5	Sat. 30	9 ·88	8 ·36	21	6	Wed. 29	9 ·49	13 ·47	22
6	Mon. 31	7 ·63	2 ·48	19						7	Thur. 30	10 ·55	14 ·55	23
	Aug.					**Oct.**					**Dec.**			
7	Tues. 1	Pratha. 8 ·61	3 ·48	20	6	Sun. 1	10 ·05	9 ·45	22	8	Fri. 1	11 ·59	15 ·63	24
8	Wed. 2	9 ·60	4 ·49	21	7	Mon. 2	... ...	10 ·56	23	9	Sat. 2	12 ·63	16 ·67	25
9	Thur. 3	10 ·60	5 ·53	22	8	Tues. 3	11 ·05	11 ·66	24	10	Sun. 3	13 ·62	17 ·69	26
10	Fri. 4	11 ·63	6 ·58	23	9	Wed. 4	12 ·15	12 ·77	25	11	Mon. 4	14 ·61	18 ·69	27
11	Sat. 5	12 ·68	7 ·65	24	10	Thur. 5	13 ·22	13 ·86	26	12	Tues. 5	—A ·57	19 ·68	28
12	Sun. 6	13 ·74	8 ·75	25	11	Fri. 6	14 ·27	14 ·94	27	13	Wed. 6	1 ·51	20 ·66	—29
13	Mon. 7	14 ·8 ·	9 ·86	26	12	Sat. 7	—A ·32	15 ·99	28	14	Thur. 7	2 ·44	21 ·61	1
14	Tues. 8	—A ·91	10 ·96	27	13	Sun. 8	1 ·35	... ...	—29	15	Fri. 8	3 ·27	22 ·55	2
15	Wed. 9	... ...	...	28	14	Mon. 9	2 ·35	16 ·03	1	16	Sat. 9	4 ·28	23 ·49	3
16	Thur. 10	1 ·00	11 ·07	—29	15	Tues. 10	3 ·34	17 ·05	2	17	Sun. 10	5 ·18	24 ·41	4
17	Fri. 11	2 ·08	12 ·16	1	16	Wed. 11	Sukla. 4 ·30	18 ·04	3	18	Mon. 11	6 ·08 / 7 ·98	25 ·34	5
18	Sat. 12	3 ·13	13 ·25	2	17	Thur. 12	5 ·25	19 ·02 / 20 ·98	4	19	Tues. 12	8 ·88	26 ·29	6
19	Sun. 13	4 ·17	14 ·32	3						20	Wed. 13	9 ·80	27 ·22	7
20	Mon. 14	5 ·21	15 ·37	4	18	Fri. 13	6 ·18	21 ·93	5	21	Thur. 14	10 ·73	1 ·17	8
21	Tues. 15	6 ·20	16 ·39	5	19	Sat. 14	7 ·10	22 ·88	6	22	Fri. 15	11 ·68	2 ·13	9
22	Wed. 16	Sukla. 7 ·19	17 ·40	6	20	Sun. 15	8 ·01 / 9 ·91	23 ·81	7	23	Sat. 16	12 ·63	3 ·10	10
23	Thur. 17	8 ·15	18 ·38	7						24	Sun. 17	13 ·62	4 ·10	11
24	Fri. 18	9 ·10	19 ·36	8	21	Mon. 16	10 ·8 ·	24 ·74	8	25	Mon. 18	14 ·61	5 ·11	12
25	Sat. 19	10 ·03 / 11 ·94	20 ·31	9	22	Tues. 17	11 ·71	25 ·67	9	26	Tues. 19	P ·62	6 ·14	13
26	Sun. 20	12 ·85	21 ·26	10	23	Wed. 18	12 ·61	26 ·60	10	27	Wed. 20	1 ·66	7 ·19	14
27	Mon. 21	13 ·75	22 ·19	11	24	Thur. 19	13 ·52	27 ·55	11	28	Thur. 21	2 ·72	8 ·26	15
28	Tues. 22	14 ·65	23 ·12	12	25	Fri. 20	14 ·46	1 ·50	12	29	Fri. 22	3 ·80	9 ·36	16
29	Wed. 23	P ·55	24 ·06 / 25 ·99	13	26	Sat. 21	Kārttika. P ·41	2 ·47	13	—30	Sat. 23	4 ·89	10 ·46	17
30	Thur. 24	1 ·45	26 ·93	14	27	Sun 22	1 ·37	3 ·45	14	1	Sun. 24	5 ·99	11 ·57	18
—31	Fri. 25	2 ·36	27 ·87	15	28	Mon. 23	2 ·33	4 ·45	15	2	Mon. 25	... ...	12 ·67	19
1	Sat. 26	3 ·28	1 ·83	16	29	Tues. 24	3 ·33	5 ·47	16	3	Tues. 26	6 ·07	13 ·77	20
2	Sun. 27	4 ·22	2 ·81	17	—30	Wed. 25	4 ·33	6 ·52	17	4	Wed. 27	7 ·15	14 ·87	21
3	Mon. 28	5 ·16	3 ·80	18	1	Thur. 26	Bahula. 5 ·37	7 ·58	18	5	Thur. 28	8 ·20	15 ·93	22
4	Tues. 29	6 ·14	4 ·81	19	2	Fri. 27	6 ·43	8 ·66	19	6	Fri. 29	9 ·24	16 ·98	23
5	Wed. 30	7 ·12	5 ·84	20	3	Sat. 28	7 ·51	9 ·75	20	7	Sat. 30	10 ·27	... ...	24
6	Thur. 31	8 ·14	6 ·89	21	4	Sun. 29	8 ·58	10 ·85	21	8	Sun. 31	11 ·27	17 ·01	25
					5	Mon. 30	9 ·67	11 ·97	22					
					6	Tues. 31	10 ·77	... ...	23					

Āngiras. **Karkaṭaka—Ādi.** *Āngiras.* **Kanyā—Purattāśi.** *Āngiras.* **Vṛśchika—Kārttigai.**

Āngiras. **Siṁha—Āvani.** *Āngiras.* **Tulā—Aippaśi.** *Āngiras.* **Dhanus—Mārgali.**

Āngiras. **Makara—Tai.**

Bahula. Śrāvaṇa. *Sukla.* Bhādrapada. *Bahula.* Āśvina. *Sukla.* Kārttika. *Bahula.* Mārgaśirsha. *Sukla.* Pausha. *Bahula.*

Āngiras. **Kumbha—Māgha.** *Āngiras.* **Mīna—Phālguna.**

9	Wed. 1	11 ·84	12 ·07	24	8	Fri. 1	11 ·59	15 ·63	24	7	Sun. 1	11 ·27	16 ·97	25
10	Thur. 2	12 ·90	13 ·17	25	9	Sat. 2	12 ·63	16 ·67	25	8	Mon. 2	12 ·32	18 ·03	26
11	Fri. 3	13 ·95	14 ·25	26	10	Sun. 3	13 ·62	17 ·69	26	9	Tues. 3	13 ·36	19 ·08	27
12	Sat. 4	14 ·98	15 ·31	27	11	Mon. 4	14 ·61	18 ·69	27	10	Wed. 4	14 ·39	20 ·12	28
13	Sun. 5	—A ·98	16 ·35	28	12	Tues. 5	—A ·57	19 ·68	28	11	Thur. 5	15 ·41	21 ·15	—29
14	Mon. 6	1 ·96	17 ·37	29	13	Wed. 6	1 ·51	20 ·66	—29	12	Fri. 6	16 ·42	22 ·17	1
15	Tues. 7	2 ·92	18 ·37	—30	14	Thur. 7	2 ·44	21 ·61	1	13	Sat. 7	17 ·41	23 ·17	2
16	Wed. 8	3 ·87	19 ·35	1	15	Fri. 8	3 ·27	22 ·55	2	14	Sun. 8	18 ·38	24 ·15	3
17	Thur. 9	4 ·80	20 ·31	2	16	Sat. 9	4 ·28	23 ·49	3	15	Mon. 9	19 ·34	25 ·12	4
18	Fri. 10	5 ·72	21 ·27	3	17	Sun. 10	5 ·18	24 ·41	4	16	Tues. 10	20 ·29	26 ·08	5
19	Sat. 11	6 ·63	22 ·21	4	18	Mon. 11	6 ·08 / 7 ·98	25 ·34	5	17	Wed. 11	21 ·23	27 ·03	6
20	Sun. 12	7 ·53	23 ·15	5	19	Tues. 12	8 ·88	26 ·29	6	18	Thur. 12	22 ·16	27 ·97	7
21	Mon. 13	8 ·43	24 ·08	6	20	Wed. 13	9 ·80	27 ·22	7	19	Fri. 13	23 ·09	28 ·91	8
22	Tues. 14	9 ·33	25 ·01 / 26 ·94	7	21	Thur. 14	10 ·73	1 ·17	8	20	Sat. 14	24 ·02	29 ·85	9
23	Wed. 15	10 ·24	27 ·89	8	22	Fri. 15	11 ·68	2 ·13	9	21	Sun. 15	24 ·96	30 ·80	10
24	Thur. 16	11 ·16	1 ·84	9	23	Sat. 16	12 ·63	3 ·10	10	22	Mon. 16	25 ·91	31 ·76	11
25	Fri. 17	12 ·08	2 ·80	10	24	Sun. 17	13 ·62	4 ·10	11	23	Tues. 17	26 ·87	32 ·74	12
26	Sat. 18	13 ·03 / 14 ·99	3 ·77	11	25	Mon. 18	14 ·61	5 ·11	12	24	Wed. 18	27 ·85	33 ·74	13
27	Sun. 19	P ·96	4 ·77	12	26	Tues. 19	P ·62	6 ·14	13	25	Thur. 19	28 ·85	34 ·76	14
28	Mon. 20	1 ·95	5 ·79	13	27	Wed. 20	1 ·66	7 ·19	14	26	Fri. 20	29 ·87	35 ·81	15
29	Tues. 21	2 ·98	6 ·83	14	28	Thur. 21	2 ·72	8 ·26	15	27	Sat. 21	30 ·92	36 ·89	16
30	Wed. 22	... ...	7 ·88	15	29	Fri. 22	3 ·80	9 ·36	16	28	Sun. 22	31 ·99	37 ·99	17
—29	Thur. 23	3 ·02	8 ·96	16	—30	Sat. 23	4 ·89	10 ·46	17	29	Mon. 23	33 ·08	39 ·11	18
1	Fri. 24	4 ·07	.. ...	17	1	Sun. 24	5 ·99	11 ·57	18	30	Tues. 24	34 ·19	40 ·25	19
2	Sat. 25	5 ·14	9 ·05	18	2	Mon. 25	... ...	12 ·67	19	—31	Wed. 25	35 ·32	41 ·41	20
3	Sun. 26	6 ·24	10 ·16	19	3	Tues. 26	6 ·07	13 ·77	20	1	Thur. 26	36 ·46	42 ·58	21
4	Mon. 27	7 ·33	11 ·27	20	4	Wed. 27	7 ·15	14 ·87	21	2	Fri. 27	37 ·61	43 ·76	22
5	Tues. 28	8 ·41	12 ·37	21	5	Thur. 28	8 ·20	15 ·93	22	3	Sat. 28	38 ·77	44 ·94	23
6	Wed. 29	9 ·49	13 ·47	22	6	Fri. 29	9 ·24	16 ·98	23	4	Sun. 29	39 ·93	46 ·12	24
7	Thur. 30	10 ·55	14 ·55	23	7	Sat. 30	10 ·27	... ...	24	5	Mon. 30	41 ·09	47 ·29	25
					8	Sun. 31	11 ·27	17 ·01	25	6	Tues. 31	42 ·24	48 ·45	26

Āngiras. **Kumbha—Māgha.** *Āngiras.* **Mīna—Phālguna.**

Bahula. Phālguna. *Sukla.* Chaitra. *Bahula.* Vaiśākha. *Sukla.* Jyaishṭha. *Bahula.* Āshāḍha. *Sukla.* Śrāvaṇa. *Bahula.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1033. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Sūrya Sid.) March 23·28. **Śaka 955.** **Kaliyuga 4134.**
Lunar Eclipse. ○ (Arya Sid.) March 23·24. **(S. Cycle) Śrīmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	12 ·26	18 ·02	26	9	Thur. 1	12 ·20	23 ·51	26	9	Tues. 1	—**A** ·59	3 ·75	28
10	Tues. 2	13 ·21	19 ·01 / 20 ·99	27	10	Fri. 2	13 ·11	24 ·44	27	10	Wed. 2	1 ·53	4 ·72	29
11	Wed. 3	14 ·16	21 ·94	28	11	Sat. 3	14 ·01 / —**A** ·91	25 ·37	28	11	Thur. 3	2 ·49	5 ·72	—30
12	Thur. ● 4	—**A** ·08 / 1 ·90	22 ·89	29	12	Sun. 4	1 ·81	26 ·30	29	12	Fri. 4	3 ·47	6 ·73	1
13	Fri. 5	2 ·90	23 ·82	—30	13	Mon. 5	2 ·71	27 ·23	—30	13	Sat. 5	4 ·46	7 ·76	2
14	Sat. 6	3 ·81	24 ·75	1	14	Tues. 6	3 ·62	1 ·18	1	14	Sun. 6	5 ·46	8 ·81	3
15	Sun. 7	4 ·71	25 ·69	2	15	Wed. 7	4 ·55	2 ·13	2	15	Mon. 7	6 ·50	9 ·87	4
16	Mon. 8	5 ·61	26 ·62	3	16	Thur. 8	5 ·49	3 ·09	3	16	Tues. 8	7 ·56	10 ·97	5
17	Tues. 9	6 ·52	27 ·56	4	17	Fri. 9	6 ·46	4 ·07	4	17	Wed. 9	8 ·63	... ...	6
18	Wed. 10	7 ·43	1 ·50	5	18	Sat. 10	7 ·43	5 ·07	5	18	Thur. 10	9 ·71	11 ·07	7
19	Thur. 11	8 ·35	2 ·46	6	19	Sun. 11	8 ·43	6 ·08	6	19	Fri. 11	10 ·80	12 ·17	8
20	Fri. 12	9 ·30	3 ·44	7	20	Mon. 12	9 ·45	7 ·13	7	20	Sat. 12	11 ·88	13 ·28	9
21	Sat. 13	10 ·27	4 ·42	8	21	Tues. 13	10 ·48	8 ·19	8	21	Sun. 13	12 ·95	14 ·38	10
22	Sun. 14	11 ·25	5 ·43	9	22	Wed. 14	11 ·53	9 ·27	9	22	Mon. 14	.. ...	15 ·48	11
23	Mon. 15	12 ·24	6 ·45	10	23	Thur. 15	12 ·61	10 ·36	10	23	Tues. 15	13 ·00	16 ·55	12
24	Tues. 16	13 ·26	7 ·50	11	24	Fri. 16	13 ·70	11 ·46	11	24	Wed. 16	14 ·03	17 ·60	13
25	Wed. 17	14 ·31	8 ·58	12	25	Sat. 17	14 ·79	12 ·58	12	25	Thur. 17	**P** ·06	18 ·63	14
26	Thur. 18	**P** ·36	9 ·66	13	26	Sun. 18	**P** ·87	13 ·68	13	26	Fri. 18	1 ·05	19 ·64	15
27	Fri. 19	1 ·44	10 ·76	14	27	Mon. 19	1 ·93	14 ·78	14	27	Sat. 19	2 ·03 / 3 ·98	20 ·64	16
28	Sat. 20	2 ·52	11 ·87	15	28	Tues. 20	2 ·99	15 ·86	15	28	Sun. 20	4 ·91	21 ·61	17
—29	Sun. 21	3 ·61	12 ·97	16	29	Wed. 21	... ...	16 ·92	16	29	Mon. 21	5 ·84	22 ·57	18
1	Mon. 22	4 ·70	... ...	17	—30	Thur. 22	3 ·03	17 ·97	17	30	Tues. 22	6 ·75	23 ·52	19
2	Tues. 23	5 ·78	13 ·07	18	1	Fri. 23	4 ·04	18 ·99	18	31	Wed. 23	7 ·66	24 ·45	20
3	Wed. 24	6 ·83	14 ·17	19	2	Sat 24	5 ·04	19 ·99	19	—32	Thur. 24	8 ·56	25 ·39	21
4	Thur. 25	7 ·88	15 ·24	20	3	Sun. 25	6 ·02 / 7 ·97	20 ·98	20	1	Fri. 25	9 ·46	26 ·33	22
5	Fri. 26	8 ·89	16 ·30	21	4	Mon. 26	8 ·91	21 ·94	21	2	Sat. 26	10 ·36	27 ·25	23
6	Sat. 27	9 ·88	17 ·33	22	5	Tues. 27	9 ·83	22 ·90	22	3	Sun. 27	11 ·26	1 ·19	24
7	Sun. 28	10 ·86	18 ·34	23	6	Wed. 28	10 ·74	23 ·84	23	4	Mon. 28	12 ·16	2 ·13	25
8	Mon. 29	11 ·82	19 ·34	24	7	Thur. 29	11 ·65	24 ·78	24	5	Tues. 29	13 ·08	3 ·08	26
9	Tues. 30	12 ·77	20 ·32	25	8	Fri. 30	12 ·55	25 ·71	25	6	Wed. 30	14 ·02 / **A** ·97	4 ·06	27
10	Wed. 31	13 ·69	21 ·28	26	9	Sat. 31	13 ·45	26 ·64	26	7	Thur. 31	1 ·95	5 ·05	28
	Feb.					**April.**					**June.**			
11	Thur. 1	14 ·61	22 ·22	27	10	Sun. 1	14 ·35	27 ·58	27	8	Fri. 1	2 ·94	6 ·05	—29
12	Fri. 2	—**A** ·52	23 ·16	28	11	Mon. 2	—**A** ·25	1 ·52	28	9	Sat. 2	3 ·95	7 ·07	1
13	Sat. 3	1 ·42	24 ·10	—29	12	Tues. 3	1 ·17	2 ·46	—29	10	Sun. 3	4 ·98	8 ·11	2
14	Sun. 4	2 ·32	25 ·03 / 25 ·96	1	13	Wed. 4	2 ·09 / 3 02	3 ·42	1	11	Mon. 4	... ...	9 ·19	3
15	Mon. 5	3 ·22	27 ·80	2	14	Thur. 5	4 ·99	4 ·40	2	12	Tues. 5	5 ·04	10 ·27	4
16	Tues. 6	4 ·13	1 ·84	3	15	Fri. 6	5 ·96	5 ·39	3	13	Wed. 6	6 ·11	11 ·37	5
17	Wed. 7	5 ·04 / 6 ·97	2 ·80	4	16	Sat. 7	6 ·96	6 ·41	4	14	Thur. 7	7 ·18	12 ·47	6
18	Thur. 8	7 ·91	3 ·76	5	17	Sun. 8	7 ·98	7 ·44	5	15	Fri. 8	8 ·27	13 ·58	7
19	Fri. 9	8 ·88	4 ·75	6	18	Mon. 9	.. ...	8 ·50	6	16	Sat. 9	9 ·35	14 ·69	8
20	Sat. 10	9 ·86	5 ·75	7	19	Tues. 10	8 ·02	9 ·57	7	17	Sun. 10	10 ·42	15 ·78	9
21	Sun. 11	10 ·85	6 ·77	8	20	Wed. 11	9 ·06	10 ·66	8	18	Mon. 11	11 ·48	16 ·86	10
22	Mon. 12	11 ·87	7 ·82	9	21	Thur. 12	10 ·14	11 ·76	9	19	Tues. 12	12 ·52	17 ·91	11
23	Tues. 13	12 ·91	8 ·88	10	22	Fri. 13	11 ·22	12 ·87	10	20	Wed. 13	13 ·53	18 ·95	12
24	Wed. 14	13 ·97	9 ·96	11	23	Sat. 14	12 ·30	13 ·98	11	21	Thur 14	14 ·52	19 ·96	13
25	Thur. 15	... ...	... ...	12	24	Sun. 15	13 ·39	... ...	12	22	Fri. ○ 15	**P** ·51	20 ·97	14
26	Fri. 16	14 ·05	10 ·06	13	25	Mon. 16	14 ·47	14 ·08	13	23	Sat. 16	1 ·45	21 ·94	15
27	Sat. 17	**P** ·14	11 ·16	14	26	Tues. 17	**P** ·52	15 ·16	14	24	Sun. 17	2 39	22 ·90	16
28	Sun. 18	1 ·22	12 ·27	15	27	Wed. 18	1 ·55	16 ·24	15	25	Mon. 18	3 ·32	23 ·85	17
29	Mon. 19	2 ·30	13 ·38	16	28	Thur. 19	2 ·57	17 ·29	16	26	Tues. 19	4 ·24	24 ·79	18
30	Tues 20	3 37	14 ·47	17	29	Fri. 20	3 ·56	18 ·31	17	27	Wed. 20	5 ·13	25 ·73	19
1	Wed. 21	4 ·42	15 ·55	18	30	Sat. 21	4 ·53	19 ·32	18	28	Thur. 21	6 ·03 / 7 ·93	26 66	20
2	Thur. 22	5 ·47	16 ·61	19	31	Sun. 22	5 ·49	20 ·30	19	29	Fri. 22	8 83	27 ·59	21
3	Fri. 23	6 ·49	17 ·65	20	1	Mon. 23	6 ·42	21 ·28	20	30	Sat. 23	9 ·73	1 ·53	22
4	Sat. 24	7 ·49	18 ·67	21	2	Tues. 24	7 35	22 ·24	21	31	Sun. 24	10 ·64	2 ·47	23
5	Sun. 25	8 ·47	19 ·67	22	3	Wed. 25	8 ·26	23 ·18	22	1	Mon. 25	11 ·56	3 43	24
6	Mon. 26	9 42	20 ·65	23	4	Thur. 26	9 ·16	24 ·12	23	2	Tues 26	12 ·49	4 39	25
7	Tues 27	10 ·36	21 ·61	24	5	Fri. 27	10 ·06 / 11 ·96	25 ·05 / 26 ·98	24	3	Wed. 27	13 ·45	5 ·37	26
8	Wed. 28	11 ·28	22 ·56	25	6	Sat. 28	12 86	27 ·92	25	4	Thur. 28	14 ·43	6 ·37	27
					7	Sun. 29	13 76	1 ·85	26	5	Fri. ● 29	—**A** ·41	7 ·39	28
					8	Mon. 30	14 ·67	2 ·80	27	6	Sat. 30	1 ·43	8 ·43	29

Āṅgiras. Makara—Tai. | Āṅgiras. Kumbha—Māśi. | Āṅgiras. Mīna—Paṅguni. | Śrīmukha. Vṛish.—Vaigāśi. | Śrīmukha. Mēsha—Chittirai. | Āṅgiras. Mīna—Paṅguni. | Śrīmukha. Mithuna—Āni. | Śrīmukha. Kark.—Ādi. | Śrīmukha. Vṛishabha—Vaigāśi.

Māgha. Sukla. | Phalguna. Sukla. Bahula. | Vaiśākha. Sukla. Bahula. | Chaitra. Sukla. Bahula. | Jyeshtha. Sukla. Bahula. | Āshādha. Sukla. Bahula.

H. 424 Safar. | H. 424 Rabī-ul awwal. | H. 424 Jamīda l awwal. | H. 424 Rabī-ul akhir. | H. 424 Jamīda'l akhir. | H. 424 Rajab.

Nakṣh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1033. **Kollam 209,** { **N. Malabar—Aug.** / **S. Malabar— July.** } **Hijra 425.** **Vikrama 1090.**
A—Amāvāsyā. Commences Commences **Nov. 26.** **Bengal San. 439.**
P—Paurnimā. **(N. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sun.	1	2 ·45	9 ·49	−30	6	Sat.	1	5 ·99	16 ·77	3	7	Thur.	1	*Sukla.* 6 ·21	22 ·58	5
8	Mon.	2	3 ·50	10 ·57	1	7	Sun.	2	... ...	17 ·85	4	8	Fri.	2	7 ·16	23 ·53	6
9	Tues.	3	4 ·57	11 ·67	2	8	Mon.	3	*Sukla.* 6 ·03	18 ·90	5	9	Sat.	3	8 ·09	24 ·48	7
10	Wed.	4	5 ·67	12 ·77	3	9	Tues.	4	7 ·06	19 ·93	6				9 ·00		
11	Thur.	5	6 ·77	13 ·88	4	10	Wed.	5	8 ·06	20 ·94	7	10	Sun.	4	10 ·91	25 ·42	8
12	Fri.	6	7 ·85	14 ·99	5	11	Thur.	6	9 ·04	21 ·93	8	11	Mon.	5	11 ·82	26 ·37	9
13	Sat.	7	8 ·92	... ...	6				10 ·01			12	Tues.	6	12 ·72	27 ·30	10
14	Sun.	8	*Sukla.* 9 ·97	15 ·08	7	12	Fri.	7	11 ·95	22 ·91	9	13	Wed.	7	13 ·62	1 ·23	11
15	Mon.	9	... ...	16 ·16	8	13	Sat.	8	12 ·88	23 ·87	10	14	Thur.	8	14 ·53	2 ·16	12
16	Tues.	10	10 ·01	17 ·22	9	14	Sun.	9	13 ·79	24 ·81	11	15	Fri.	9	P ·44	3 ·10	13
17	Wed.	11	11 ·03	18 ·26	10	15	Mon.	10	*Āśvina.* 14 ·70	25 ·75	12	16	Sat.	10	1 ·37	4 ·05	14
18	Thur.	12	12 ·01	19 ·29	11	16	Tues.	11	P ·61	26 ·68	13	17	Sun.	11	2 ·30	5 ·02	15
			13 ·99			17	Wed.	12	1 ·51	27 ·62	14					6 ·99	
19	Fri.	13	14 ·96	20 ·29	12	18	Thur.	13	2 ·41	1 ·55	15	18	Mon.	12	3 ·27	7 ·99	16
20	Sat.	14	P ·90	21 ·27	13	19	Fri.	14	3 ·31	2 ·48	16	19	Tues.	13	4 ·25	... ...	17
21	Sun.	15	1 ·81	22 ·24	14	20	Sat.	15	4 ·23	3 ·43	17	20	Wed.	14	5 ·24	8 ·00	18
22	Mon.	16	2 ·72	23 ·19	15	21	Sun.	16	5 ·15	4 ·38	18	21	Thur.	15	6 ·26	9 ·05	19
23	Tues.	17	3 ·63	24 ·14	16	22	Mon.	17	6 ·09	5 ·35	19	22	Fri.	16	7 ·31	10 ·11	20
24	Wed.	18	4 ·53	25 ·07	17	23	Tues.	18	*Bahula.* 7 ·04	6 ·34	20	23	Sat.	17	8 ·37	11 ·18	21
				26 ·00		24	Wed.	19	8 ·01	7 ·35	21	24	Sun.	18	9 ·44	12 ·27	22
25	Thur.	19	5 ·43	27 ·93	18	25	Thur.	20	9 ·01	8 ·37	22	25	Mon.	19	*Bahula.* 10 ·53	13 ·37	23
26	Fri.	20	6 ·33	1 ·86	19	26	Fri.	21	10 ·01	9 ·42	23	26	Tues.	20	11 ·62	14 ·49	24
27	Sat.	21	7 ·23	2 ·81	20	27	Sat.	22	11 ·06	10 ·48	24	27	Wed.	21	12 ·70	15 ·59	25
28	Sun.	22	8 ·14	3 ·76	21	28	Sun.	23	12 ·11	11 ·58	25	28	Thur.	22	13 ·78	16 ·69	26
			9 ·06			29	Mon.	24	13 ·18	12 ·67	26	29	Fri.	23	14 ·84	17 ·77	27
29	Mon.	23	10 ·99	4 ·72	22	30	Tues.	25	14 ·25	13 ·78	27	30	Sat.	24	−A ·88	18 ·84	28
30	Tues.	24	11 ·95	5 ·70	23	1	Wed.	26	−A ·34	14 ·88	28	1	Sun.	25	1 ·91	19 ·88	−29
31	Wed.	25	12 ·92	6 ·69	24	2	Thur.	27	1 ·43	15 ·99	−29	2	Mon.	26	2 ·91	20 ·91	1
−32	Thur.	26	13 ·92	7 ·71	25	3	Fri.	28	2 ·51	... ...	1	3	Tues.	27	3 ·89	21 ·91	2
1	Fri.	27	14 ·92	8 ·75	26	4	Sat.	29	3 ·58	16 ·09	2	4	Wed.	28	4 ·85	22 ·90	3
2	Sat.	28	−A ·95	9 ·80	27	5	Sun.	30	4 ·63	17 ·16	3	5	Thur.	29	5 ·80	23 ·87	4
3	Sun.	29	.. ...	10 ·87	28							6	Fri.	30	6 ·72	24 ·82	5
4	Mon.	30	1 ·01	11 ·96	−29												
5	Tues.	31	2 ·07	... ...	1												
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	3 ·14	12 ·07	2	6	Mon.	1	5 ·65	18 ·21	4	7	Sat.	1	7 ·64	25 ·77	6
7	Thur.	2	4 ·23	13 ·18	3	7	Tues.	2	*Sukla.* 6 ·61	19 ·25	5	8	Sun.	2	*Sukla.* 8 ·55	26 ·70	7
8	Fri.	3	*Sukla.* 5 ·33	14 ·29	4	8	Wed.	3	7 ·63	20 ·26	6	9	Mon.	3	9 ·45	27 ·63	8
9	Sat.	4	6 ·40	15 ·38	5	9	Thur.	4	8 ·59	21 ·26	7	10	Tues.	4	10 ·35	1 ·56	9
10	Sun.	5	7 ·45	16 ·47	6	10	Fri.	5	9 ·54	22 ·24	8	11	Wed.	5	11 ·25	2 ·49	10
11	Mon.	6	8 ·49	17 ·53	7	11	Sat.	6	10 ·47	23 ·20	9	12	Thur.	6	12 ·15	3 ·44	11
12	Tues.	7	9 ·52	18 ·59	8	12	Sun.	7	11 ·38	24 ·15	10	13	Fri.	7	13 ·08	4 ·39	12
13	Wed.	8	10 ·52	19 ·61	9	13	Mon.	8	12 ·29	25 ·09	11				14 ·01		
14	Thur.	9	11 ·50	20 ·62	10	14	Tues.	9	13 ·19	26 ·02	12	14	Sat. ○	8	P ·96	5 ·35	13
15	Fri.	10	12 ·46	21 ·60	11					27 ·96		15	Sun.	9	1 ·92	6 ·32	14
16	Sat.	11	13 ·41	22 ·57	12	15	Wed.	10	14 ·09	1 ·89	13	16	Mon.	10	2 ·89	7 ·31	15
17	Sun.	12	14 ·33	23 ·53	13				P ·99			17	Tues.	11	3 ·88	8 ·33	16
18	Mon.	13	P ·24	24 ·48	14	16	Thur.	11	*Kārttika.* 1 ·90	2 ·82	14	18	Wed.	12	4 ·91	9 ·36	17
19	Tues.	14	1 ·14	25 ·41	15	17	Fri.	12	2 ·82	3 ·76	15	19	Thur.	13	5 ·95	10 ·41	18
			2 ·04			18	Sat.	13	3 ·74	4 ·71	16	20	Fri.	14	.. ..	11 ·48	19
20	Wed.	15	3 ·94	26 ·34	16	19	Sun.	14	4 ·68	5 ·69	17	21	Sat.	15	6 ·01	12 ·57	20
21	Thur.	16	4 ·85	27 ·27	17	20	Mon.	15	5 ·64	6 ·67	18	22	Sun.	16	7 ·09	13 ·68	21
22	Fri.	17	5 ·76	1 ·21	18	21	Tues.	16	6 ·62	7 ·67	19	23	Mon.	17	8 ·17	14 ·79	22
23	Sat.	18	6 ·67	2 ·15	19	22	Wed.	17	7 ·61	8 ·69	20	24	Tues.	18	9 ·26	15 ·89	23
24	Sun.	19	7 ·59	3 ·09	20	23	Thur.	18	8 ·62	9 ·73	21	25	Wed.	19	10 ·36	16 ·99	24
25	Mon.	20	*Bahula.* 8 ·52	4 ·05	21	24	Fri.	19	9 ·66	10 ·80	22	26	Thur.	20	*Bahula.* 11 ·43	... ..	25
26	Tues.	21	9 ·43	5 ·02	22	25	Sat.	20	*Bahula.* 10 ·72	11 ·88	23	27	Fri.	21	12 ·48	17 ·08	26
27	Wed.	22	10 ·45	6 ·01	23	26	Sun.	21	11 ·80	12 ·97	24	28	Sat.	22	13 ·52	18 ·15	27
28	Thur.	23	11 ·45	7 ·03	24	27	Mon.	22	12 ·84	.. ..	25	29	Sun.	23	14 ·55	19 ·20	28
29	Fri.	24	12 ·46	8 ·06	25	28	Tues.	23	13 ·97	13 ·08	26	1	Mon.	24	−A ·55	20 ·23	29
30	Sat.	25	13 ·48	9 ·11	26	29	Wed.	24	... ...	14 ·18	27	2	Tues.	25	1 ·53	21 ·24	−30
−31	Sun.	26	14 ·51	10 ·18	27	−30	Thur.	25	14 ·06	15 ·30	28	3	Wed.	26	2 ·50	22 ·23	1
1	Mon.	27	−A ·60	11 ·27	28	1	Fri.	26	−A ·13	16 ·39	29	4	Thur.	27	3 ·44	23 ·20	2
2	Tues.	28	1 ·68	12 ·37	29	2	Sat.	27	1 ·19	17 ·47	−30	5	Fri.	28	4 ·36	24 ·16	3
3	Wed.	29	2 ·76	13 ·48	−30	3	Sun.	28	2 ·23	18 ·53	1	6	Sat.	29	*Sukla.* 5 ·27	25 ·11	4
4	Thur.	30	3 ·85	14 ·59	1	4	Mon.	29	3 ·23	19 ·57	2	7	Sun.	30	6 ·18	26 ·04	
5	Fri.	31	4 ·92	15 ·69	2	5	Tues.	30	4 ·26	20 ·59	3					27 ·97	5
						6	Wed.	31	5 ·25	21 ·59	4	8	Mon.	31	7 ·08	1 ·90	6
															8 ·98		

Śrīmukha. **Karkataka—Ādi.** *Śrīmukha.* **Kanyā—Purattāśi.** *Śrīmukha.* **Vṛiśchika—Kārttigai.** *Śrīmukha.* **Dhanus—Mārgali.** *Śrīmukha.* **Makara—Tai.**
Śrīmukha. **Simha—Āvani.** *Śrīmukha.* **Tulā—Aippasi.** *Śrīmukha.* **Dhanus—Mārgali.**

H. 424 Sha'bān. *H. 424 Shawwāl.* *H. 424 Z-l-ka'da.* *H. 424 Z-l-hijja.* *H. 425 Muharram.* *H. 425 Ṣafar.*
H. 424 Ramazān.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1034. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·54.** **Śaka 956.** **Kaliyuga 4135.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·50.** **(S. Cycle) Bhāva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Tues. 1	9 ·89	2 ·84	7	9	Fri. 1	9 ·79	6 ·31	7	9	Wed. 1	11 ·90	12 ·09	9
10	Wed. 2	10 ·80	3 ·78	8	10	Sat. 2	10 ·75	7 ·29	8	10	Thur. 2	12 ·97	13 ·18	10
11	Thur. 3	11 ·71	4 ·72	9	11	Sun. 3	11 ·74	8 ·29	9	11	Fri. 3	... ...	14 ·29	11
12	Fri. 4	12 ·65	5 ·68	10	12	Mon. 4	12 ·73	9 ·30	10	12	Sat. 4	13 ·05	15 ·39	12
13	Sat. 5	13 ·59	6 ·65	11	13	Tues. 5	13 ·75	10 ·34	11	13	Sun. 5	14 ·13	16 ·50	13
14	Sun. 6	14 ·56	7 ·64	12	14	Wed. 6	14 ·80	11 ·41	12	14	Mon. 6	P ·21	17 ·60	14
15	Mon. 7	14 ·53	8 ·65	13	15	Thur. 7	P ·85	12 ·49	13	15	Tues. 7	1 ·28	18 ·69	15
16	Tues. 8	1 ·53	9 ·67	14	16	Fri. 8	1 ·94	13 ·58	14	16	Wed. 8	2 ·33	19 ·76	16
17	Wed. 9	2 ·55	10 ·72	15	17	Sat. 9	... ..	14 ·68	15	17	Thur. 9	3 ·37	20 ·82	17
18	Thur. 10	3 ·59	11 ·79	16	18	Sun. 10	2 ·02	15 ·79	16	18	Fri. 10	4 ·38	21 ·85	18
19	Fri. 11	4 ·64	12 ·87	17	19	Mon. 11	3 ·11	16 ·90	17	19	Sat. 11	5 ·37	22 ·86	19
20	Sat. 12	5 ·71	13 ·98	18	20	Tues. 12	4 ·19	... ...	18	20	Sun. 12	6 ·35	23 ·85	20
21	Sun. 13	6 ·80	. ...	19	21	Wed. 13	5 ·26	17 ·00	19	21	Mon. 13	7 ·31	24 ·82	21
22	Mon. 14	7 ·91	14 ·09	20	22	Thur. 14	6 ·31	18 ·08	20	22	Tues. 14	8 ·23	25 ·79	22
23	Tues. 15	... .	15 ·19	21	23	Fri. 15	7 ·35	19 ·14	21	23	Wed. 15	9 ·15	26 ·74	23
24	Wed. 16	8 ·00	16 ·29	22	24	Sat. 16	8 ·35	20 ·18	22	24	Thur. 16	10 ·07	27 ·67	24
25	Thur. 17	9 ·07	17 ·38	23	25	Sun. 17	9 ·34	21 ·21	23			11 ·97		
26	Fri. 18	10 ·13	18 ·46	24	26	Mon. 18	10 ·33	22 ·21	24	25	Fri. 17	12 ·87	1 ·61	25
27	Sat. 19	11 ·18	19 ·52	25	27	Tues. 19	11 ·27	23 ·20	25	26	Sat. 18	13 ·77	2 ·54	26
28	Sun. 20	12 ·1[illegible]	20 ·55	26	28	Wed. 20	12 ·21	24 ·16	26	27	Sun. 19	14 ·67	3 ·47	27
—29	Mon. 21	13 ·1[illegible]	21 ·56	27	29	Thur. 21	13 ·14	25 ·11	27	28	Mon. 20	—A ·57	4 ·41	28
1	Tues. 22	14 ·1[illegible]	23 ·55	28	—30	Fri. 22	14 ·05	26 ·05	28	29	Tues. 21	1 ·47	5 ·35	—29
2	Wed. 23	—A ·12	23 ·54	—29			A ·96			30	Wed. 22	2 ·40	6 ·30	1
3	Thur. 24	1 07	24 ·50	1	1	Sat. 23	1 ·86	27 ·00	—29	31	Thur. 23	3 ·34	7 ·27	2
		2 ·99						1 ·93		—32	Fri. 24	4 ·29	8 ·27	3
4	Fri. 25	3 ·90	25 ·44	2	2	Sun. 24	2 ·76	2 ·86	1	1	Sat. 25	5 ·27	9 ·27	4
5	Sat. 26	4 ·81	26 ·38	3	3	Mon. 25	3 ·68	3 ·79	2	2	Sun. 26	6 ·27	10 ·29	5
6	Sun. 27	5 ·71	27 ·31	4	4	Tues. 26	4 ·56	4 ·73	3	3	Mon. 27	7 ·27	11 ·33	6
7	Mon. 28	6 ·61	1 ·25	5	5	Wed. 27	5 ·46	5 ·68	4	4	Tues. 28	8 ·31	12 ·40	7
8	Tues. 29	7 ·51	2 ·18	6	6	Thur. 28	6 ·39	6 ·64	5	5	Wed. 29	9 ·37	13 ·49	8
9	Wed. 30	8 ·42	3 ·11	7	7	Fri. 29	7 ·33	7 ·62	6	6	Thur. 30	10 ·43	14 ·59	9
10	Thur. 31	9 ·34	4 ·06	8	8	Sat. 30	8 ·29	8 ·61	7	7	Fri. 31	11 ·52	15 ·69	10
					9	Sun. 31	9 ·28	9 ·62	8					
	Feb.					**April.**					**June.**			
11	Fri. 1		5 ·01	9	10	Mon. 1	10 ·27	10 ·66	9	8	Sat. 1	12 ·60	16 ·80	11
			6 ·98											
12	Sat. 2	11 ·21	7 ·97	10	11	Tues. 2	11 ·30	11 ·72	10	9	Sun. 2	13 ·68	17 ·90	12
13	Sun. 3	12 ·17	8 ·97	11	12	Wed. 3	12 ·34	12 ·79	11	10	Mon. 3	14 ·75	18 ·99	13
14	Mon. 4	13 ·16	9 ·99	12	13	Thur. 4	13 ·39	13 ·88	12	11	Tues.○ 4	P ·81	... ...	14
15	Tues. 5	14 ·15	... ...	13	14	Fri. 5	14 ·46	14 ·98	13	12	Wed. 5	1 ·85	19 ·08	15
16	Wed. 6	P ·17	10 ·03	14	15	Sat. 6	P ·55	... ...	14	13	Thur. 6	2 ·85	20 ·13	16
17	Thur. 7	1 ·21	11 ·09	15	16	Sun. 7	1 ·63	15 ·09	15	14	Fri. 7	3 ·85	21 ·17	17
18	Fri. 8	2 ·27	12 ·18	16	17	Mon. 8	2 ·71	16 ·20	16	15	Sat. 8	4 ·83	22 ·18	18
19	Sat. 9	3 ·34	13 ·28	17	18	Tues. 9	3 ·79	17 ·30	17	16	Sun. 9	5 ·79	23 ·18	19
20	Sun. 10	4 ·42	14 ·38	18	19	Wed. 10	4 ·84	18 ·38	18	17	Mon. 10	6 ·73	24 ·16	20
21	Mon. 11	5 ·52	15 ·49	19	20	Thur. 11	5 ·88	19 ·45	19	18	Tues. 11	7 ·66	25 ·12	21
22	Tues. 12	6 ·62	16 ·59	20	21	Fri. 12	6 ·88	20 ·51	20	19	Wed. 12	8 ·56	26 ·07	22
23	Wed. 13	7 ·68	17 ·69	21	22	Sat. 13	7 ·87	21 ·53	21	20	Thur. 13	9 ·46	27 ·01	23
24	Thur. 14	8 ·74	18 ·77	22	23	Sun. 14	8 ·86	22 ·54	22				1 ·94	
25	Fri. 15	9 ·78	19 ·83	23	24	Mon. 15	9 ·80	23 ·52	23	21	Fri. 14	10 ·36	2 ·88	24
26	Sat. 16	10 ·79	20 ·87	24	25	Tues. 16	10 ·73	24 ·49	24	22	Sat. 15	11 ·26	3 ·81	25
27	Sun. 17	11 ·78	21 ·88	25	26	Wed. 17	11 ·65	25 ·45	25	23	Sun. 16	12 ·16	4 ·75	26
28	Mon. 18	12 ·77	22 ·89	26	27	Thur. 18	12 ·57	26 ·40	26	24	Mon. 17	13 ·05	5 ·69	27
29	Tues. 19	13 ·71	23 ·87	27	28	Fri. 19	13 ·47	27 ·34	27			14 ·97		
—30	Wed. 20	14 ·64	24 ·83	28	29	Sat. 20	14 ·37	1 ·27	28	25	Tues.● 18	—A ·89	6 ·64	28
1	Thur. 21	—A ·57	25 ·78	29	30	Sun. 21	—A ·27	2 ·20	29	26	Wed. 19	1 ·81	7 ·61	29
2	Fri. 22	1 ·50	26 ·72	—30	—31	Mon. 22	1 ·17	3 ·13		27	Thur. 20	2 ·77	8 ·59	—30
3	Sat. 23	2 ·40	27 ·66	1	1	Tues. 23	2 ·07	4 ·07	—30	28	Fri. 21	3 ·75	9 ·59	1
4	Sun. 24	3 ·30	1 ·59	2			3 ·18			29	Sat. 22	4 ·74	10 ·61	2
5	Mon. 25	4 ·20	2 ·52	3	2	Wed. 24	4 ·91	5 ·02	1	30	Sun. 23	5 ·75	11 ·64	3
6	Tues. 26	5 ·10	3 ·45	4	3	Thur. 25	5 ·85	6 ·97	2	—31	Mon. 24	6 ·80	12 ·70	4
7	Wed. 27	6 ·01	4 ·39	5	4	Fri. 26	6 ·81	7 ·94	3	1	Tues. 25	7 ·85	13 ·79	5
		7 ·93			5	Sat. 27	7 ·79	8 ·93	4	2	Wed. 26	8 ·91	14 ·89	6
8	Thur. 28	8 ·85	5 ·34	6	6	Sun. 28	8 ·78	9 ·95	5	3	Thur. 27	9 ·99	15 ·99	7
					7	Mon. 29	9 ·79	10 ·98	6	4	Fri. 28	.. ..	16 ·09	8
					8	Tues. 30	10 ·84	... ...	7	5	Sat. 29	10 ·07	... ...	9
								11 ·03	8	6	Sun. 30	11 ·15	17 ·20	10

Śrīmukha. **Makara—Tal.** *Bahula.* *Śukla.* *Śrīmukha.* **Kumbha—Māsi.** *Bahula.* *Śukla.* *Śrīmukha.* **Mīna—Pāṅguni.** *Bahula.* *Śukla.*

Māgha. **Phālguna.** *H. 425 Rabī-ul awwal.* *H. 425 Jamādu'l ākhir.*

Śrīmukha. **Mīna—Pāṅguni.** *Śukla.* *Bhāva.* **Mēsha—Chittirai.** *Bahula.* *Śukla.* *Bhāva.* **Vrish.—Vaigāsi.** *Bahula.* *Śukla.*

Adhika Chaitra. **Nija Chaitra.** *H. 425 Jamādu'l awwal.* *H. 425 Rajab*

Bhāva. **Vrishabha—Vaigāsi.** *Bahula.* *Śukla.* *Bhāva.* **Mithuna—Āni.** *Bahula.* *Śukla.* *Śrīmukha.* **Kark.—Ādi.** *Bahula.* *Śukla.*

Vaiśākha. **Jyeshtha.** **Āshādha.** *H. 425 Jamādu'l ākhir* *H. 425 Sha'bān.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. bhad. 26. U. Bhad. 27. Rev.

08342

A.D. 1034. **Kollam 210,** { **N. Malabar—Aug.** **Hijra 426.** **Vikrama 1091.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 16.** **Bengal San. 440.**
P—Paurnimā. **(N. Cycle) Dhātri.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	12 ·22	18 ·30	11	6	Sun.	1	P ·25	25 ·12	14	7	Fri.	1	3 ·81	5 ·38	16
8	Tues.	2	13 ·23	19 ·38	12	7	Mon.	2	1 ·17	26 ·09	15	8	Sat.	2	4 ·72	6 ·32	17
9	Wed.	3	14 ·33	20 ·44	13	8	Tues.	3	2 08	27 ·03	16	9	Sun.	3	5 ·64	7 ·26	18
10	Thur.	4	P ·31	21 ·48	14				3 ·99	1 ·97		10	Mon.	4	6 ·58	8 ·24	19
11	Fri.	5	1 ·33	22 ·50	15	9	Wed.	4	4 ·90	2 ·90	17	11	Tues.	5	7 ·55	9 ·21	20
12	Sat.	6	2 ·30	23 ·51	16	10	Thur.	5	5 ·80	3 ·83	18	12	Wed.	6	8 ·53	10 ·21	21
13	Sun.	7	3 ·26	24 ·49	17	11	Fri.	6	6 ·70	4 ·76	19	13	Thur.	7	9 ·53	11 ·22	22
14	Mon.	8	4 ·20	25 ·43	18	12	Sat.	7	7 ·60	5 ·70	20	14	Fri.	8	10 ·55	12 ·26	23
15	Tues.	9	5 ·13	26 ·41	19	13	Sun.	8	8 ·51	6 ·65	21	15	Sat.	9	11 ·58	13 ·33	24
16	Wed.	10	6 ·04	27 ·35	20	14	Mon.	9	9 ·41	7 ·60	22	16	Sun.	10	12 ·64	14 ·40	25
			7 ·94			15	Tues.	10	10 ·38	8 ·57	23	17	Mon.	11	13 ·72	15 ·49	26
17	Thur.	11	8 ·84	1 ·29	21	16	Wed.	11	11 ·32	9 ·55	24	18	Tues.	12	14 ·82	16 ·59	27
18	Fri.	12	9 ·74	2 ·22	22	17	Thur.	12	12 ·31	10 ·57	25	19	Wed.	13	A ·90	17 70	28
19	Sat.	13	10 64	3 ·15	23	18	Fri.	13	13 ·31	11 ·59	26	20	Thur.	14	1 ·98	18 ·80	29
20	Sun.	14	11 ·54	4 ·08	24	19	Sat.	14	14 ·32	12 ·64	27	21	Fri.	15	... ...	19 ·91	—30
				5 ·02		20	Sun.	15	—A ·36	13 ·70	28	22	Sat.	16	2 ·06	20 ·99	1
21	Mon.	15	12 ·45	6 ·98	25	21	Mon.	16	1 ·42	14 ·79	—29	23	Sun.	17	3 ·14	.. ...	2
22	Tues.	16	13 ·37	7 ·91	26	22	Tues.	17	2 ·48	15 ·89	1	24	Mon.	18	4 ·17	21 ·06	3
23	Wed.	17	14 ·31	8 ·92	27	23	Wed.	18	3 ·57	... ...	2	25	Tues.	19	5 ·19	22 ·10	4
24	Thur.	18	—A ·26	9 ·91	28	24	Thur.	19	4 ·63	16 ·00	3	26	Wed.	20	6 ·19	23 ·12	5
25	Fri.	19	1 ·24	10 ·92	—29	25	Fri.	20	5 ·75	17 ·10	4	27	Thur.	21	7 ·16	24 ·13	6
26	Sat.	20	2 ·23	11 ·96	1	26	Sat.	21	6 ·82	18 ·21	5	28	Fri.	22	8 ·13	25 ·12	7
27	Sun.	21	3 ·24	... ...	2	27	Sun.	22	7 ·87	19 ·30	6	29	Sat.	23	9 07	26 ·09	8
28	Mon.	22	4 ·28	12 ·02	3	28	Mon.	23	8 ·92	20 ·38	7				10 ·00	27 ·04	
29	Tues.	23	5 ·33	13 ·09	4	29	Tues.	24	9 ·94	21 ·43	8	—30	Sun.	24	11 ·92	1 ·98	9
30	Wed.	24	6 ·40	14 ·18	5	—30	Wed.	25	10 ·94	22 ·47	9	1	Mon.	25	12 ·83	2 ·92	10
31	Thur.	25	7 ·48	15 ·29	6	1	Thur.	26	11 ·92	23 ·48	10	2	Tues.	26	13 ·73	3 ·85	11
—32	Fri.	26	8 ·56	16 ·39	7	2	Fri.	27	12 ·88	24 ·47	11	3	Wed.	27	14 ·63	4 ·78	12
1	Sat.	27	9 ·65	17 ·51	8	3	Sat.	28	13 ·83	25 ·45	12	4	Thur.	28	P ·53	5 ·71	13
2	Sun.	28	10 ·72	18 ·60	9	4	Sun.	29	14 ·75	26 ·42	13	5	Fri.	29	1 ·44	6 ·65	14
3	Mon.	29	11 ·77	19 ·69	10	5	Mon.	30	P ·67	27 ·37	14	6	Sat.	30	2 ·36	7 ·61	15
4	Tues.	30	12 ·81	20 ·75	11												
5	Wed.	31	13 ·84	21 ·80	12												
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	14 ·83	22 ·83	13	6	Tues.	1	1 ·58	1 ·31	15	7	Sun.	1	3 ·28	8 ·57	16
7	Fri.	2	P ·81	23 ·84	14	7	Wed.	2	2 ·48	2 ·24	16	8	Mon.	2	4 ·23	9 ·54	17
8	Sat.	3	1 ·77	24 ·82	15	8	Thur.	3	3 ·38	3 ·17	17	9	Tues.	3	5 ·19	10 ·53	18
9	Sun.	4	2 ·71	25 ·79	16	9	Fri.	4	4 ·28	4 ·11	18	10	Wed.	4	6 ·17	11 ·54	9
10	Mon.	5	3 ·63	26 ·74	17	10	Sat.	5	5 ·19	5 ·04	19	11	Thur.	5	7 ·18	12 ·57	20
11	Tues.	6	4 ·54	27 ·70	18					6 ·98		12	Fri.	6	8 ·20	13 ·63	21
12	Wed.	7	5 ·45	1 ·63	19	11	Sun.	6	6 ·10	7 ·93	20	13	Sat.	7	9 ·24	14 70	22
13	Thur.	8	6 ·35	2 ·56	20	12	Mon.	7	7 ·03	8 ·90	21	14	Sun.	8	10 ·30	15 ·79	23
14	Fri.	9	7 ·25	3 ·49	21				8 ·97			15	Mon.	9	11 ·39	16 ·89	24
15	Sat.	10	8 ·15	4 ·42	22	13	Tues.	8	9 ·93	9 ·89	22	16	Tues.	10	12 ·48	.. ...	25
16	Sun.	11	9 ·03	5 ·33	23	14	Wed.	9	10 ·91	10 ·89	23	17	Wed.	11	13 ·56	17 ·00	26
			10 ·97			15	Thur.	10	11 ·91	11 ·91	24	18	Thur.	12	14 ·64	18 11	27
17	Mon.	12	11 ·88	6 ·31	24	16	Fri.	11	12 ·92	12 ·95	25	19	Fri.	13	—A ·71	19 ·21	28
18	Tues.	13	12 ·82	7 ·27	25	17	Sat.	12	13 ·95	.. ...	26	20	Sat.	14	1 ·78	20 ·30	29
19	Wed.	14	13 ·77	8 ·24	26	18	Sun.	13	...	13 ·01	27	21	Sun.	15	2 ·81	21 ·37	—30
20	Thur.	15	14 ·76	9 ·23	27	19	Mon.	14	14 ·02	14 ·10	28	22	Mon.	16	3 ·84	22 ·41	1
21	Fri.	16	—A ·75	10 ·24	28	20	Tues.	15	—A ·09	15 ·19	29	23	Tues.	17	4 ·83	23 ·45	2
22	Sat.	17	1 ·77	11 ·23	29	21	Wed.	16	1 ·18	16 ·30	—30	24	Wed.	18	5 ·81	24 ·46	3
23	Sun.	18	2 ·80	12 33	—30	22	Thur.	17	2 ·27	17 ·40	1	25	Thur.	19	6 ·78	25 45	4
24	Mon.	19	3 ·86	13 ·40	1	23	Fri.	18	3 ·35	18 ·51	2	26	Fri.	20	7 ·71	26 ·42	5
25	Tues.	20	4 ·92	14 ·49	2	24	Sat.	19	4 ·42	19 ·60	3	27	Sat.	21	8 ·64	27 ·37	6
26	Wed.	21	... ...	15 ·58	3	25	Sun.	20	5 ·48	20 ·69	4	28	Sun.	22	9 ·55	1 ·33	7
27	Thur.	22	5 ·02	16 ·70	4	26	Mon.	21	6 ·53	21 ·75	5	—29	Mon.	23	10 ·46	2 ·26	8
28	Fri.	23	6 ·09	17 ·81	5	27	Tues.	22	7 ·55	22 ·78	6	1	Tues.	24	11 ·37	3 ·19	9
29	Sat.	24	7 ·17	18 ·91	6	28	Wed.	23	8 ·55	23 ·80	7	2	Wed	25	12 ·27	4 ·12	10
30	Sun.	25	8 ·24	19 ·99	7	29	Thur.	24	9 ·53	24 ·80	8	3	Thur.	26	13 ·17	5 05	11
—31	Mon.	26	9 ·30	... ...	8	—30	Fri.	25	10 ·50	25 ·79	9					6 ·00	
1	Tues.	27	10 ·35	20 ·06	9	1	Sat.	26	11 ·44	26 ·75	10	4	Fri.	27	14 ·08	7 ·94	12
2	Wed.	28	11 ·36	21 ·12	10	2	Sun.	27	12 ·37	27 ·70	11				P ·00		
3	Thur.	29	12 ·36	22 .15	11	3	Mon.	28	13 ·23	1 ·64	12	5	Sat.	28	1 ·92	8 ·90	13
4	Fri.	30	13 ·34	23 ·16	12	4	Tues.	29	14 ·19	2 ·58	13	6	Sun.	29	2 ·88	9 ·87	14
5	Sat.	31	14 ·31	24 ·15	13	5	Wed.	30	P ·10	3 ·52	14	7	Mon.	30	3 83	10 ·85	15
									1 ·00			8	Tues.	31	4 ·82	11 86	16
						6	Thur.	31	2 ·90	4 ·45	15						

Bhūta. **Karkataka—Ādi.** *Bhāva.* **Simha—Āyani.** *Bhāva.* **Kanyā—Puratṭāsi.** *Bhāva.* **Tulā—Aippasi.** *Bhāva.* **Vṛśchika—Kārttigai.** *Bhāva.* **Dhanus—Mārgali.** *Bhāva.* **Makara—Tai.**

Śaka 1956. *Śaka* 1957. *Śaka* 1958. *Śaka* 1959. *Śaka* 1960. *Śaka* 1961. *Śaka* 1962. *Śaka* 1963. *Śaka* 1964. *Śaka* 1965. *Śaka* 1966. *Śaka* 1967.

H. 425 *Shawwāl.* *H.* 425 *Zi-l-ḳa'da.* *H.* 425 *Zi-l-ḥijja.* *H.* 426 *Muharram.* *H.* 426 *Ṣafar.*

Ashādha. *Śrāvana.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśīrsha.* *Pausha.*

Bahula. *Śukla.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1035. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·80.** **Śaka 957.** **Kaliyuga 4136.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·76.** **(S. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Wed.	1	5 ·82	12 ·89	17	9	Sat.	1	4 ·17	16 ·80	17	8	Thur.	1	6 ·67	22 ·98	19
10	Thur.	2	6 ·85	13 ·94	18	10	Sun.	2	5 ·25	17 ·90	18	9	Fri.	2	7 ·69	... ...	20
11	Fri.	3	7 ·89	... ...	19	11	Mon.	3	6 ·34	... ..	19	10	Sat.	3	8 ·70	23 ·03	21
12	Sat.	4	8 ·95	14 ·01	20	12	Tues.	4	7 ·43	18 ·01	20	11	Sun.	4	9 ·69	24 ·07	22
13	Sun.	5	... ..	15 ·09	21	13	Wed.	5	8 ·51	19 ·11	21	12	Mon.	5	10 ·67	25 ·08	23
14	Mon.	6	9 ·04	16 ·19	22	14	Thur.	6	9 ·57	20 ·21	22	13	Tues.	6	11 ·62	26 ·07	24
15	Tues.	7	10 ·12	17 ·31	23	15	Fri.	7	10 ·62	21 ·30	23	14	Wed.	7	12 ·55	27 ·04	25
16	Wed.	8	11 ·21	18 ·41	24	16	Sat.	8	11 ·66	22 ·36	24	15	Thur.	8	13 ·47	1 ·00	26
17	Thur.	9	12 ·29	19 ·51	25	17	Sun.	9	12 ·66	23 ·40	25					2 ·96	
18	Fri.	10	13 ·37	20 ·60	26	18	Mon.	10	13 ·66	24 ·42	26	16	Fri.	9	14 ·38	3 ·89	27
19	Sat.	11	14 ·43	21 ·67	27	19	Tues.	11	14 ·62	25 ·42	27	17	Sat. ●10		—A ·28	4 ·83	28
20	Sun.	12	—A ·45	22 ·74	28	20	Wed.	12	—A ·58	26 ·41	28	18	Sun.	11	1 ·18	5 ·75	—29
21	Mon.	13	1 ·47	23 ·77	--29	21	Thur.	13	1 ·52	27 ·38	—29	19	Mon.	12	2 ·08	6 ·68	1
22	Tues.	14	2 ·47	24 ·78	1	22	Fri.	14	2 ·44	1 ·33	1				3 ·98		
23	Wed.	15	3 ·45	25 ·77	2	23	Sat.	15	3 ·36	2 ·27	2	20	Tues.	13	4 ·88	7 ·63	2
24	Thur.	16	4 ·41	26 ·75	3	24	Sun.	16	4 ·25	3 ·21	3	21	Wed.	14	5 ·80	8 ·57	3
25	Fri.	17	5 ·34	27 ·72	4	25	Mon.	17	5 ·15	4 ·15	4	22	Thur.	15	6 ·72	9 ·52	4
26	Sat.	18	6 ·26	1 ·66	5	26	Tues.	18	6 ·05	5 ·08	5	23	Fri.	16	7 ·65	10 ·49	5
27	Sun.	19	7 ·18	2 ·60	6				7 ·95			24	Sat.	17	8 ·62	11 ·48	6
28	Mon.	20	8 ·09	3 ·53	7	27	Wed.	19	8 ·85	6 ·01	6	25	Sun.	18	9 ·60	12 ·43	7
			9 ·99							7 ·95		26	Mon.	19	10 ·59	13 ·51	8
29	Tues.	21	10 ·89	4 ·46	8	28	Thur.	20	9 ·77	8 ·89	7	27	Tues.	20	11 ·62	14 ·55	9
—30	Wed.	22	11 ·80	5 ·39	9	29	Fri.	21	10 ·70	9 ·86	8	28	Wed.	21	12 ·66	15 ·62	10
1	Thur.	23	12 ·71	6 ·33	10	30	Sat.	22	11 ·64	10 ·84	9	29	Thur.	22	13 ·71	16 ·70	11
2	Fri.	24	13 ·62	7 ·28	11	—31	Sun.	23	12 ·61	11 ·83	10	30	Fri.	23	14 ·78	17 ·80	12
3	Sat.	25	14 ·55	8 ·23	12	1	Mon.	24	13 ·59	12 ·84	11	—31	Sat. ○24		P ·85	18 ·91	13
4	Sun.	26	P ·50	9 ·19	13	2	Tues.	25	14 ·59	13 ·87	12	1	Sun.	25	1 ·94	... ...	14
5	Mon.	27	1 ·45	10 ·18	14	3	Wed.	26	P ·62	14 ·94	13	2	Mon.	26	... ..	19 ·02	15
6	Tues.	28	2 ·44	11 ·19	15	4	Thur.	27	1 ·65	... ...	14	3	Tues.	27	2 ·02	20 ·12	16
7	Wed.	29	3 ·44	12 ·21	16	5	Fri.	28	2 ·71	15 ·01	15	4	Wed.	28	3 ·09	21 ·21	17
8	Thur.	30	4 ·47	13 ·25	17	6	Sat.	29	3 ·79	16 ·10	16	5	Thur.	29	4 ·14	22 ·29	18
9	Fri.	31	5 ·51	14 ·31	18	7	Sun.	30	4 ·87	17 ·20	17	6	Fri.	30	5 ·17	23 ·35	19
						8	Mon.	31	5 ·95	18 ·30	18	7	Sat.	31	6 ·18	24 ·39	20
	Feb.						**April.**						**June.**				
10	Sat.	1	6 ·58	15 ·39	19	9	Tues.	1	... ...	19 ·41	19	8	Sun.	1	7 ·17	25 ·40	21
11	Sun.	2	7 ·67	16 ·50	20	10	Wed.	2	6 ·05	20 ·52	20	9	Mon.	2	8 ·15	26 ·40	22
12	Mon.	3	8 ·76	17 ·60	21	11	Thur.	3	7 ·11	21 ·60	21	10	Tues.	3	9 ·10	27 ·37	23
13	Tues.	4	9 ·84	18 ·71	22	12	Fri.	4	8 ·17	22 ·67	22	11	Wed.	4	10 ·04	1 ·34	24
14	Wed.	5	10 ·92	19 ·81	23	13	Sat.	5	9 ·20	23 ·72	23				11 ·96		
15	Thur.	6	11 ·99	20 ·90	24	14	Sun.	6	10 ·19	24 ·74	24	12	Thur.	5	12 ·87	2 ·29	25
16	Fri.	7	... ...	21 ·99	25	15	Mon.	7	11 ·19	25 ·76	25	13	Fri.	6	13 ·77	3 ·23	26
17	Sat.	8	12 ·04	... ...	26	16	Tues.	8	12 ·16	26 ·74	26	14	Sat.	7	14 ·67	4 ·16	27
18	Sun.	9	13 ·08	22 ·05	27	17	Wed.	9	13 ·11	27 ·71	27	15	Sun.	8	—A ·57	5 ·09	28
19	Mon.	10	14 ·08	23 ·09	28	18	Thur.	10	14 ·05		28	16	Mon.	9	1 ·47	6 ·02	29
20	Tues.	11	—A ·08	24 ·10	29				A ·97	1 ·67						7 ·97	
21	Wed.	12	1 ·05	25 ·10	—30	19	Fri.	11	1 ·88	2 ·61	29	17	Tues.	10	2 ·37	8 ·91	—30
22	Thur.	13	2 ·00	26 ·09	1	20	Sat.	12	2 ·78	3 ·56	—30	18	Wed.	11	3 ·28	9 ·86	1
			3 ·95			21	Sun.	13	3 ·68	4 ·49	1	19	Thur.	12	4 ·19	10 ·82	2
23	Fri.	14	4 ·87	27 ·05	2	22	Mon.	14	4 ·58	5 ·42	2	20	Fri.	13	5 ·14	11 ·80	3
24	Sat.	15	5 ·79	1 ·00	3	23	Tues.	15	5 ·48	6 ·35	3	21	Sat.	14	6 ·09	12 ·81	4
				2 ·94		24	Wed.	16	6 ·38	7 ·28	4	22	Sun.	15	7 ·07	13 ·83	5
25	Sun.	16	6 ·69	3 ·87	4	25	Thur.	17	7 ·30	8 ·24	5	23	Mon.	16	8 ·06	14 ·86	6
26	Mon.	17	7 ·59	4 ·80	5	26	Fri.	18	8 ·22	9 ·19	6	24	Tues.	17	9 ·09	15 ·92	7
27	Tues.	18	8 ·49	5 ·74	6	27	Sat.	19	9 ·17	10 ·16	7	25	Wed.	18	10 ·13	... ...	8
28	Wed.	19	9 ·39	6 ·67	7	28	Sun.	20	10 ·13	11 ·15	8	26	Thur.	19	11 ·14	16 ·00	9
—29	Thur.	20	10 ·30	7 ·61	8	29	Mon.	21	11 ·10	12 ·16	9	27	Fri.	20	12 ·25	17 ·11	10
1	Fri.	21	11 ·21	8 ·56	9	30	Tues.	22	12 ·10	13 ·19	10	28	Sat.	21	13 ·22	18 ·21	11
2	Sat.	22	12 ·14	9 ·52	10	—31	Wed.	23	13 ·13	14 ·25	11	29	Sun.	22	14 ·40	19 ·32	12
3	Sun.	23	13 ·08	10 ·51	11	1	Thur.	24	14 ·17	15 ·31	12	30	Mon.	23	P ·48	20 ·42	13
4	Mon.	24	14 ·06	11 ·51	12	2	Fri.	25	P ·22	16 ·40	13	31	Tues.	24	1 ·57	21 ·51	14
5	Tues.	25	P ·04	12 ·52	13	3	Sat.	26	1 ·30	17 ·50	14	—32	Wed.	25	2 ·62	22 ·60	15
6	Wed.	26	1 ·03	13 ·56	14	4	Sun.	27	2 ·38	18 ·60	15	1	Thur.	26	3 ·66	23 ·66	16
7	Thur.	27	2 ·06	14 ·62	15	5	Mon.	28	3 ·46	19 ·72	16	2	Fri.	27	4 ·66	24 ·70	17
8	Fri.	28	3 ·10	15 ·71	16	6	Tues.	29	4 ·55	20 ·82	17	3	Sat.	28	5 ·65	25 ·72	18
						7	Wed.	30	5 ·61	21 ·91	18	4	Sun.	29	6 ·63	26 ·72	19
												5	Mon.	30	7 ·57	27 ·71	20

Bhāva. **Makara—Tai.** Śukla. Bahula. Yuva. **Kumbha—Māśi.** Śukla. Bahula. Yuva. **Mīna—Pāṅguni.** Śukla. Bahula. Yuva. **Mēsha—Chittirai.** Śukla. Bahula. Yuva. **Vrishabha—Vaigāśi.** Śukla. Bahula. Yuva. **Mithuna—Āni.** Śukla. Bahula. Yuva. **Kaṛka—Jyeshtha.** Śukla. Bahula. Yuva. **Simha—Āṇi.** Śukla. Bahula.

Phālguna. Chaitra. Vaiśākha. Jyeshtha. Āshādha.

H. 426 Śafar. H. 426 Rabi-ul awwal. H. 426 Rabi ul ākhir. H. 426 Jamādal awwal. H. 426 Jamādal ākhir. H. 426 Rajab. H. 426 Shaʻbān.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1035. **Kollam 211,** Commences {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 427.** Commences **Nov. 5.** **Vikrama 1092.** **Bengal San. 441.** **(N. Cycle) Īśvara.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	8 ·52	1 ·68	21	6	Mon.	1	12 ·82	9 ·87	24	6	Sat.	1	14 ·84	15 ·48	26
7	Wed.	2	9 ·45	2 ·63	22	7	Tues.	2	13 ·74	10 ·82	25	7	Sun.	2	—**A** ·88	16 ·54	27
8	Thur.	3	10 ·37	3 ·67	23	8	Wed.	3	14 ·68	11 ·79	26	8	Mon.	3	1 ·93	17 ·61	28
9	Fri.	4	11 ·26	4 ·50	24	9	Thur.	4	—**A** ·63	12 ·77	27	9	Tues.	4	... ..	18 ·71	—29
10	Sat.	5	12 ·15	5 ·43	25	10	Fri.	5	1 ·61	13 ·78	28	10	Wed.	5	2 ·02	19 ·81	1
11	Sun.	6	13 ·05 14 ·95	6 ·37	26	11	Sat.	6	2 ·61	14 ·81	—29	11	Thur.	6	3 ·11	20 ·92	2
12	Mon.	7	—**A** ·86	7 ·30	27	12	Sun.	7	3 ·62	15 ·86	1	12	Fri.	7	4 ·20	... ..	3
13	Tues.	8	1 ·77	8 ·24	28	13	Mon.	8	4 ·66	16 ·92	2	13	Sat.	8	5 ·28	21 ·03	4
14	Wed.	9	2 ·69	9 ·19	—29	14	Tues.	9	5 ·71	... ...	3	14	Sun.	9	6 ·36	22 ·12	5
15	Thur.	10	3 ·62	10 ·15	1	15	Wed.	10	6 ·79	17 ·01	4	15	Mon.	10	7 ·42	23 ·21	6
16	Fri.	11	4 ·58	11 ·14	2	16	Thur.	11	7 ·87	18 ·10	5	16	Tues.	11	8 ·46	24 ·28	7
17	Sat.	12	5 ·56	12 ·13	3	17	Fri.	12	8 ·95	19 ·21	6	17	Wed.	12	9 ·47	25 ·32	8
18	Sun.	13	6 ·55	13 ·14	4	18	Sat.	13	... ..	20 ·33	7	18	Thur.	13	10 ·47	26 ·34	9
19	Mon.	14	7 ·57	14 ·18	5	19	Sun.	14	9 ·07	21 ·43	8	19	Fri.	14	11 ·45	27 ·34	10
20	Tues.	15	8 ·60	15 ·23	6	20	Mon.	15	10 ·13	22 ·52	9	20	Sat.	15	12 ·40	1 ·34	11
21	Wed.	16	9 ·66	16 ·32	7	21	Tues.	16	11 ·19	23 ·59	10	21	Sun.	16	13 ·35	2 ·30	12
22	Thur.	17	10 ·73	17 ·41	8	22	Wed.	17	12 ·22	24 ·64	11	22	Mon.	17	14 ·27	3 ·26	13
23	Fri.	18	11 ·82	18 ·51	9	23	Thur.	18	13 ·25	25 ·69	12	23	Tues. ○	18	**P** ·19	4 ·20	14
24	Sat.	19	12 ·91	19 ·61	10	24	Fri.	19	14 ·24	26 ·70	13	24	Wed.	19	1 ·10	5 ·13	15
25	Sun.	20	13 ·99	20 ·72	11	25	Sat.	20	**P** ·21	27 ·69	14	25	Thur.	20	2 ·00 3 ·90	6 ·06	16
26	Mon.	21	.. ...	21 ·83	12	26	Sun.	21	1 ·18	1 ·67	15	26	Fri.	21	4 ·80	7 ·00 8 ·93	17
27	Tues.	22	14 ·05	22 ·91	13	27	Mon.	22	2 ·12	2 ·63	16	27	Sat.	22	5 ·71	9 ·87	18
28	Wed.	23	**P** ·10	23 ·97	14	28	Tues.	23	3 ·05 4 ·96	3 ·59	17	28	Sun.	23	6 ·63	10 ·82	19
29	Thur.	24	1 ·14	... ...	15	29	Wed.	24	5 ·87	4 ·53	18	29	Mon.	24	7 ·57	11 ·78	20
30	Fri.	25	2 ·15	24 ·02	16	30	Thur.	25	6 ·77	5 ·46	19	—29	Tues.	25	8 ·52	12 ·76	21
—31	Sat.	26	3 ·15	25 ·04	17	—31	Fri.	26	7 ·67	6 ·39	20	1	Wed.	26	9 ·47	13 ·75	22
1	Sun.	27	4 ·12	26 ·05	18	1	Sat.	27	8 ·57	7 ·32	21	2	Thur.	27	10 ·46	14 ·76	23
2	Mon.	28	5 ·09	27 ·04	19	2	Sun.	28	9 ·47	8 ·26	22	3	Fri.	28	11 ·45	15 ·79	24
3	Tues.	29	6 ·03 7 ·95	1 ·01 2 ·96	20	3	Mon.	29	10 ·39	9 ·20	23	4	Sat.	29	12 ·49	16 ·84	25
4	Wed.	30	8 ·86	3 ·91	21	4	Tues.	30	11 ·32	10 ·15	24	5	Sun.	30	13 ·53	17 ·92	26
5	Thur.	31	9 ·76	4 ·84	22							6					
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	10 ·66	5 ·78	23	5	Wed.	1	12 ·27	11 ·12	25	7	Mon.	1	14 ·60	... ...	27
7	Sat.	2	11 ·56	6 ·71	24	6	Thur.	2	13 ·22	12 ·10	26	8	Tues.	2	—**A** ·69	18 ·01	28
8	Sun.	3	12 ·46	7 ·64	25	7	Fri.	3	14 ·21	13 ·10	27	9	Wed.	3	1 ·77	19 ·11	29
9	Mon.	4	13 ·36	8 ·58	26	8	Sat.	4	—**A** ·20	14 ·13	28	10	Thur.	4	2 ·85	20 ·22	—30
10	Tues.	5	14 ·27	9 ·52	27	9	Sun.	5	1 ·21	15 ·17	29	11	Fri.	5	3 ·93	21 ·32	1
11	Wed.	6	—**A** ·20	10 ·49	28	10	Mon.	6	2 ·26	16 ·23	—30	12	Sat.	6	... ...	22 ·43	2
12	Thur.	7	1 ·14	11 ·46	29	11	Tues.	7	3 ·32	17 ·31	1	13	Sun.	7	4 ·01	23 ·52	3
13	Fri.	8	2 ·09	12 ·45	—30	12	Wed.	8	4 ·39	18 ·40	2	14	Mon.	8	5 ·06	24 ·59	4
14	Sat.	9	3 ·07	13 ·46	1	13	Thur.	9	5 ·47	19 ·52	3	15	Tues.	9	6 ·10	25 ·63	5
15	Sun.	10	4 ·07	14 ·49	2	14	Fri.	10	6 ·57	20 ·62	4	16	Wed.	10	7 ·12	26 ·66	6
16	Mon.	11	5 ·08	15 ·55	3	15	Sat.	11	7 ·65	21 ·73	5	17	Thur.	11	8 ·12	27 ·68	7
17	Tues.	12	6 ·11	16 ·62	4	16	Sun.	12	8 ·72	22 ·82	6	18	Fri.	12	9 ·09	1 ·67	8
18	Wed.	13	7 ·17	17 ·71	5	17	Mon.	13	9 ·78	23 ·90	7	19	Sat.	13	10 ·05 11 ·99	2 ·64	9
19	Thur.	14	8 ·23	18 ·81	6	18	Tues.	14	10 ·81	24 ·97	8	20	Sun.	14	12 ·92	3 ·59	10
20	Fri.	15	9 ·32	19 ·91	7	19	Wed.	15	11 ·83	. ...	9	21	Mon.	15	13 ·84	4 ·54	11
21	Sat.	16	10 ·41	.. ...	8	20	Thur.	16	12 ·84	25 ·00	10	22	Tues.	16	14 ·75	5 ·47	12
22	Sun.	17	11 ·49	20 ·02	9	21	Fri.	17	13 ·82	26 ·02	11	23	Wed.	17	**P** ·65	6 ·41	13
23	Mon.	18	12 ·57	21 ·13	10	22	Sat.	18	14 ·77	27 ·02	12	24	Thur.	18	1 ·55	7 ·34	14
24	Tues.	19	13 ·63	22 ·21	11	23	Sun.	19	**P** ·78	1 ·00 2 ·97	13	25	Fri.	19	2 ·45	8 ·27	15
25	Wed.	20	14 ·66	23 ·28	12							26	Sat.	20	3 ·36	9 ·21	16
26	Thur.	21	**P** ·68	24 ·33	13	24	Mon.	20	1 ·66	3 ·92	14	27	Sun.	21	4 ·27	10 ·15	17
27	Fri.	22	1 ·68	25 ·36	14	25	Tues.	21	2 ·56	4 ·86	15	28	Mon.	22	5 ·21	11 ·12	18
28	Sat.	23	2 ·65	26 ·38	15	26	Wed.	22	3 ·46	5 ·80	16	—29	Tues.	23	6 ·16	12 ·09	19
29	Sun.	24	3 ·62	27 ·37	16	27	Thur.	23	4 ·36	6 ·72	17	1	Wed.	24	7 ·12	13 ·07	20
30	Mon.	25	4 ·55	1 ·34	17	28	Fri.	24	5 ·26	7 ·66	18	2	Thur.	25	8 ·10	14 ·08	21
—31	Tues.	26	5 ·48	2 ·30	18	29	Sat.	25	6 ·17	8 ·60	19	3	Fri.	26	9 ·11	15 ·10	22
1	Wed.	27	6 ·40	3 ·24	19	—30	Sun.	26	7 ·09	9 ·54	20	4	Sat.	27	10 ·13	16 ·16	23
2	Thur.	28	7 ·30	4 ·19	20	1	Mon.	27	8 ·01 9 ·93	10 ·48	21	5	Sun.	28	11 ·17	17 ·23	24
3	Fri.	29	8 ·20	5 ·12	21	2	Tues.	28	10 ·88	11 ·45	22	6	Mon.	29	12 ·25	18 ·31	25
4	Sat.	30	9 ·09 10 ·99	6 ·05 7 ·98	22	3	Wed.	29	11 ·83	12 ·42	23	7	Tues.	30	13 ·33	19 ·41	26
5	Sun.	31	11 ·90	8 ·91	23	4	Thur.	30	12 ·82	13 ·43	24	8	Wed.	31	14 ·41	20 ·52	27
						5	Fri.	31	13 ·81	14 ·44	25						

Yuva. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Bahula.*

Yuva. **Simha—Āvani.** *Sukla.* **Bhādrapada.** *Bahula.*

Yuva. **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.*

Yuva. **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.*

Yuva. **Vṛśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.*

Yuva. **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.*

Yuva. **Makara—Tai.**

H. 426 Śha'bán. *H. 426 Ramażán.* *H. 426 Shawwál.* *H. 426 Zi-l-ka'da.* *H. 426 Zi-l-ḥijja.* *H. 427 Muḥarram.* *H. 427 Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1036. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·05.** **Śaka 958.** **Kaliyuga 4137.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·01.** **(S. Cycle) Dhātri.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
			—**A** ·50	21 ·63	28				1 ·97	26 ·62	—29				3 ·70	5 ·17	2
			1 ·60	22 ·73	—29				2 ·96	27 ·64	1				4 60	6 ·10	3
			2 ·66	23 ·82	1				3 ·93	1 ·64	2					7 ·04	
			3 ·71	24 ·89	2				4 ·88	2 ·62	3				5 ·50	8 ·97	4
			4 ·74	25 ·95	3				5 ·81	3 ·60	4				6 ·40	9 ·90	5
			5 ·76	26 ·98	4				6 ·74	4 ·55	5				7 ·30	10 ·84	6
			6 ·76	.. ...	5				7 ·66	5 ·49	6				8 ·20	11 ·79	7
				27 ·00					8 ·57	6 ·43	7				9 11	12 ·74	8
			7 ·73	1 ·99	6				9 ·47	7 ·36	8				10 04		
			8 ·69	2 ·97	7				10 ·37	8 ·30	9				11 ·98	13 ·71	9
			9 ·62	3 ·93	8				11 ·27	9 ·23	10				12 ·94	14 ·70	10
			10 ·55	4 ·87	9				12 ·17	10 ·17	11				13 ·92	15 ·70	11
			11 ·47	5 ·82	10				13 ·08	11 ·11	12				14 ·91	16 ·72	12
			12 ·38	6 ·75	11				14 ·01						**P** ·93	17 ·78	13
			13 ·28	7 ·68	12				**P** ·95	12 ·07	13				1 ·97	18 ·84	14
			14 ·18	8 ·61	13				1 ·91	13 ·05	14				.. ..	19 ·92	15
			P ·08	9 ·54	14				2 ·90	14 ·05	15				2 ·04	.. ...	16
			1 ·98						3 ·89	15 ·06	16				3 ·12	20 ·02	17
			2 ·90	10 ·50	15				4 ·93	16 ·09	17				4 ·20	21 ·12	18
			3 ·84	11 ·45	16				5 ·97	17 ·15	18				5 ·28	22 ·24	19
			4 ·79	12 ·42	17				... ...	18 ·22	19				6 ·36	23 ·34	20
			5 ·75	13 ·40	18				6 ·03	19 ·32	20				7 ·41	24 ·43	21
			6 ·73	14 ·40	19				7 ·11	20 ·42	21				8 ·46	25 ·51	22
			7 ·74	15 ·43	20				8 ·20	21 ·53	22				9 ·51	26 ·56	23
			8 ·77	16 ·47	21				9 ·29	22 ·63	23				10 ·52	27 ·61	24
			9 ·82	17 ·53	22				10 ·37	23 ·73	24				11 ·50	1 ·62	25
			10 ·88	18 ·61	23				11 ·43	24 ·82	25				12 ·47	2 ·62	26
			11 ·95	19 ·71	24				12 ·47	25 ·89	26				13 ·43	3 ·59	27
			... ...	20 ·82	25				13 ·50	26 ·94	27				14 ·35	4 ·55	28
			12 ·04	21 ·93	26				14 ·51	27 ·96	28				—**A** ·27	5 ·51	29
			13 ·14	... ...	27				—**A** 50	1 ·97	29				1 ·18	6 ·45	—30
			14 ·22	22 ·03	28				1 ·48	2 ·96	—30				2 ·08		
			—**A** ·28	23 ·13	29										3 ·98	7 ·38	1
		Feb.						**April.**							4 ·88	8 ·31	2
														June.			
			1 ·34	24 ·20	—30				2 ·42	3 ·93	1						
			2 ·37	25 ·26	1				3 ·36	4 ·89	2				5 ·78	9 ·24	3
			3 ·38	26 ·31	2				4 ·28	5 ·83	3				6 ·68	10 ·18	4
			4 ·38	27 ·32	3				5 ·19	6 ·77	4				7 ·59	11 ·13	5
			5 ·35	1 ·32	4				6 ·09						8 ·51	12 ·08	6
			6 ·30	2 ·30	5				7 ·99	7 ·71	5				9 ·45	13 ·04	7
			7 ·23	3 ·26	6				8 ·89	8 ·64	6				10 ·42	14 ·02	8
			8 ·16	4 ·22	7				9 ·79	9 ·57	7				11 ·40	15 ·02	9
			9 ·07						10 ·69	10 ·50	8				12 ·40	16 ·05	10
			10 ·98	5 ·16	8				11 ·60	11 ·45	9				13 ·41	17 ·09	11
			11 ·83	6 ·09	9				12 ·54	12 ·40	10				14 ·43	18 ·14	12
			12 ·78	7 ·02					13 ·49	13 ·38	11				**P** ·51	19 ·22	13
				8 ·95	10				14 ·44	14 ·37	12				1 ·58	20 ·32	14
			13 ·69	9 ·89	11				**P** ·42	15 ·38	13				2 ·66	21 ·43	15
			14 ·60	10 ·83	12				1 ·41	16 ·41	14				3 ·74	22 ·54	16
			P ·51	11 ·78	13				2 ·45	17 ·46	15				4 ·83	23 ·64	17
			1 ·44	12 ·74	14				3 ·49	18 ·53	16				5 ·90	24 ·73	18
			2 ·39	13 ·72	15				4 ·56	19 ·62	17				6 ·95	25 ·81	19
			3 ·35	14 ·73	16				5 ·63	20 ·72	18				7 ·98	26 ·88	20
			4 ·33	15 ·74	17				6 ·70	21 ·82					8 ·98	27 ·92	21
			5 ·33	16 ·78	18				7 ·78	22 ·93	19				9 ·98	1 ·94	22
			6 ·36	17 ·84	19				8 ·87	... ...	20				10 ·94	2 ·94	23
			7 ·41	18 ·92	20				9 ·94	23 ·04	21				11 ·90	3 ·92	24
			8 ·47	.. ...	21				10 ·98	24 ·13	22				12 ·83	4 ·90	25
			9 ·55	19 ·01	22				... ...	25 ·20	23				13 ·76	5 ·85	26
			10 ·85	20 ·12	23				11 ·01	26 ·25	24				14 ·67	6 ·79	27
			11 ·74	21 ·23	24				12 02	27 ·28	25				—**A** .57	7 ·72	28
			12 ·82	22 ·33	25				13 ·02		26				1 ·47	8 ·65	—29
			13 ·88	23 ·43	26				14 ·98	1 ·30	27				2 ·37	9 ·58	1
			14 ·93	24 ·51	27				—**A** ·93	2 ·29	28				3 ·27	10 ·52	2
			—**A** ·96	25 ·58	28				1 ·86	3 ·26	—29				4 ·17	11 ·46	3
									2 ·78	4 ·22	1						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1036. **Kollam 212,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 428.** Commences **Oct. 25.** **Vikrama 1093.** **Bengal San. 442.** **(N. Cycle) Bahudhānya.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Thur.	1	5 ·08	12 ·41	4	7	Wed.	1	... ...	19 ·14	7	7	Mon.	1	10 ·65	25 ·34	8
8	Fri.	2	6 ·01 / 7 ·94	13 ·87	5	8	Thur.	2	9 ·03	20 ·23	8	8	Tues.	2	11 ·71	26 ·42	9
9	Sat.	3	8 ·90	14 ·34	6	9	Fri.	3	10 ·10	21 ·32	9	9	Wed.	3	12 ·75	27 ·50	10
10	Sun.	4	9 ·88	15 ·35	7	10	Sat.	4	11 ·18	22 ·43	10	10	Thur.	4	13 ·76	1 ·54	11
11	Mon.	5	10 ·87	16 ·36	8	11	Sun.	5	12 ·27	23 ·54	11	11	Fri.	5	14 ·76	2 ·56	12
12	Tues.	6	11 ·89	17 ·40	9	12	Mon.	6	13 ·36	24 ·65	12	12	Sat.	6	P ·73	3 ·56	13
13	Wed.	7	12 ·93	18 ·45	10	13	Tues.	7	14 ·44	25 ·74	13	13	Sun.	7	1 ·68	4 ·55	14
14	Thur.	8	13 ·99	19 ·53	11	14	Wed.	8	P ·49	26 ·81	14	14	Mon.	8	2 ·61	5 ·52	15
15	Fri.	9	... ..	20 ·63	12	15	Thur.	9	1 ·53	27 ·86	15	15	Tues.	9	3 ·54	6 ·48	16
16	Sat.	10	14 ·06	21 ·73	13	16	Fri.	10	2 ·55	1 ·90	16	16	Wed.	10	4 ·46	7 ·42	17
17	Sun.	11	P ·14	22 ·83	14	17	Sat.	11	3 ·53	2 ·92	17	17	Thur.	11	5 ·36	8 ·35	18
18	Mon.	12	1 ·22	23 ·94	15	18	Sun.	12	4 ·51	3 ·91	18	18	Fri.	12	6 ·26	9 ·28	19
19	Tues.	13	2 ·31	... ...	16	19	Mon.	13	5 ·48	4 ·89	19	19	Sat.	13	7 ·16	10 ·22	20
20	Wed.	14	3 ·38	24 ·04	17	20	Tues.	14	6 ·42	5 ·85	20	20	Sun.	14	8 ·07 / 9 ·98	11 ·15	21
21	Thur.	15	4 ·43	25 ·13	18	21	Wed.	15	7 ·34	6 ·80	21				10 ·90	12 ·09	22
22	Fri.	16	5 ·47	26 ·19	19	22	Thur.	16	8 ·26	7 ·74	22	21	Mon.	15	11 ·84	13 ·04	23
23	Sat.	17	6 ·49	27 ·24	20	23	Fri.	17	9 ·16	8 ·68	23	22	Tues.	16	12 ·78	14 ·00 / 15 ·97	24
24	Sun.	18	7 ·47	1 ·26	21	24	Sat.	18	10 ·06 / 11 ·56	9 ·61	24	23	Wed.	17			
25	Mon.	19	8 ·44	2 ·27	22	25	Sun.	19	12 ·86	10 ·54	25	24	Thur.	18	13 ·76	16 ·97	25
26	Tues	20	9 ·39	3 ·25	23	26	Mon.	20	13 ·77	11 ·47	26	25	Fri.	19	14 ·74	17 ·98	26
27	Wed.	21	10 ·33	4 ·23	24	27	Tues.	21	14 ·68	12 ·42	27	26	Sat.	20	A ·76	... ...	27
28	Thur.	22	11 ·26	5 ·18	25	28	Wed.	22	A ·61	13 ·37	28	27	Sun.	21	1 ·78	18 ·01	28
29	Fri.	23	12 ·17	6 ·12	26	29	Thur.	23	1 ·55	14 ·34	29	28	Mon.	22	2 ·83	19 ·06	29
30	Sat.	24	13 ·07 / 14 ·97	7 ·06 / 8 ·09	27	30	Fri.	24	2 ·51	15 ·32	30	29	Tues.	23	3 ·89	20 ·14	30
31	Sun.	25	A ·87	9 ·03	28	31	Sat.	25	3 ·50	16 ·32	1	1	Wed.	24	4 ·96	21 ·23	1
1	Mon.	26	1 ·77	10 ·86	29	1	Sun.	26	4 ·49	17 ·35	2	2	Thur.	25	... ...	22 ·33	2
2	Tues.	27	2 ·67	11 ·80	30	2	Mon.	27	5 ·52	18 ·39	3	3	Fri.	26	5 ·03	23 ·44	3
3	Wed.	28	3 ·58	12 ·74	1	3	Tues.	28	6 ·55	19 ·45	4	4	Sat.	27	6 ·11	24 ·55	4
4	Thur.	29	4 ·50	13 ·70	2	4	Wed.	29	7 ·62	20 ·53	5	5	Sun.	28	7 ·20	25 ·65	5
5	Fri.	30	5 ·44	14 ·68	3	5	Thur.	30	8 ·70	21 ·62	6	6	Mon.	29	8 ·28	26 ·74	6
6	Sat.	31	6 ·40	15 ·67	4							7	Tues.	30	9 ·36	27 ·81	7
	Aug.						**Oct.**						**Dec.**				
7	Sun.	1	7 ·39	16 ·68	5	6	Fri.	1	9 ·79	22 ·73	7	8	Wed.	1	10 ·39	1 ·85	8
8	Mon.	2	8 ·39	17 ·71	6	7	Sat.	2	10 ·87	23 ·84	8	9	Thur.	2	11 ·42	2 ·88	9
9	Tues.	3	9 ·40	18 ·76	7	8	Sun.	3	11 ·95	24 ·95	9	10	Fri.	3	12 ·40	3 ·89	10
10	Wed.	4	10 ·45	19 ·84	8	9	Mon.	4	... ...	... ...	10	11	Sat.	4	13 ·37	4 ·89	11
11	Thur.	5	11 ·51	20 ·93	9	10	Tues.	5	12 ·03	25 ·04	11	12	Sun.	5	14 ·34	5 ·86	12
12	Fri.	6	12 ·59	... ...	10	11	Wed.	6	13 ·08	26 ·12	12	13	Mon.	6	P ·27	6 ·81	13
13	Sat.	7	13 ·67	21 ·03	11	12	Thur.	7	14 ·12	27 ·18	13	14	Tues.	7	1 ·20	7 ·76	14
14	Sun.	8	14 ·76	22 ·13	12	13	Fri.	8	P ·14	1 ·22	14	15	Wed.	8	2 ·11	8 ·69	15
15	Mon.	9	P ·83	23 ·24	13	14	Sat.	9	1 ·13	2 ·24	15	16	Thur.	9	3 ·02 / 4 ·92	9 ·62	16
16	Tues.	10	1 ·90	24 ·35	14	15	Sun.	10	2 ·11	3 ·24	16						
17	Wed.	11	2 ·94	25 ·43	15	16	Mon.	11	3 ·08	4 ·22	17	17	Fri.	10	5 ·82	10 ·56	17
18	Thur.	12	3 ·97	26 ·50	16	17	Tues.	12	4 ·01 / 5 ·93	5 ·18	18	18	Sat.	11	6 ·73	11 ·49	18
19	Fri.	13	... ...	27 ·55	17	18	Wed	13	6 ·85	6 ·14	19	19	Sun.	12	7 ·64	12 ·43	19
20	Sat.	14	4 ·00 / 5 ·98	1 ·58	18	19	Thur.	14	7 ·74	7 ·08	20	20	Mon.	13	8 ·56	13 ·37	20
21	Sun.	15	6 ·96	2 ·59	19	20	Fri.	15	8 ·64	8 ·02 / 9 ·94	21	21	Tues.	14	9 ·49	14 ·33	21
22	Mon.	16	7 ·92	3 ·59	20							22	Wed.	15	10 ·44	15 ·31	22
23	Tues.	17	8 ·86	4 ·56	21	21	Sat.	16	9 ·54	10 ·87	22	23	Thur.	16	11 ·40	16 ·29	23
24	Wed.	18	9 ·78	5 ·52	22	22	Sun.	17	10 ·44	11 ·82	23	24	Fri.	17	12 ·40	17 ·30	24
25	Thur.	19	10 ·6.	6 ·46	23	23	Mon.	18	11 ·35	12 ·76	24	25	Sat.	18	13 ·40	18 ·33	25
26	Fri.	20	11 ·60	7 ·40	24	24	Tues.	19	12 ·26	13 ·70	25	26	Sun.	19	14 ·42	19 ·37	26
27	Sat.	21	12 ·50	8 ·34	25	25	Wed.	20	13 ·20	14 ·67	26	27	Mon.	20	A ·47	20 ·45	27
28	Sun.	22	13 ·40	9 ·27	26	26	Thur.	21	14 ·14	15 ·64	27	28	Tues.	21	1 ·52	21 ·53	28
29	Mon.	23	14 ·29	10 ·20	27	27	Fri. ●	22	A ·11	16 ·64	28	29	Wed.	22	2 ·61	22 ·63	29
30	Tues.	24	A ·20	11 ·13	28	28	Sat.	23	1 ·09	17 ·66	29	30	Thur.	23	3 ·71	23 ·74	1
31	Wed.	25	1 ·11	12 ·08	29	29	Sun.	24	2 ·10	18 ·70	30	1	Fri.	24	4 ·81	24 ·84	2
1	Thur.	26	2 ·03 / 3 ·98	13 ·04	1	30	Mon.	25	3 ·13	19 ·76	1	2	Sat.	25	5 ·88	25 ·95	3
2	Fri.	27	4 ·93	14 ·01 / 15 ·99	2	1	Tues.	26	4 ·17	20 ·83	2	3	Sun.	26	6 ·95	... ...	4
3	Sat.	28	5 ·92	...	3	2	Wed.	27	5 ·23	21 ·92	3	4	Mon.	27	... ..	26 ·04	5
4	Sun.	29	6 ·91	16 ·00	4	3	Thur.	28	6 ·31	... ...	4	5	Tues.	28	7 ·00	27 ·11	6
5	Mon.	30	7 ·93	17 ·02	5	4	Fri.	29	7 ·40	22 ·04	5	6	Wed.	29	8 ·04	1 ·17	7
6	Tues.	31	8 ·97	18 ·08	6	5	Sat.	30	8 ·49	23 ·14	6	7	Thur.	30	9 ·06	2 ·20	8
						6	Sun.	31	9 ·58	24 ·25	7	8	Fri.	31	10 ·04	3 ·22	9

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1037. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·31.** **Śaka 959.** **Kaliyuga 4138.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·27.** **(S. Cycle) Iśvara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Sat.	1	11 ·01 / 12 ·96	4 ·21	10	9	Tues.	1	12 ·85	9 ·65	10	9	Sun.	1	14 ·36	16 ·93	12
10	Sun.	2	13 ·90	5 ·19	11	10	Wed.	2	13 ·75	10 ·58	11	10	Mon.	2	P ·31	17 ·91	13
11	Mon.	3	14 ·83	6 ·14	12	11	Thur.	3	14 ·64	11 ·51	12	11	Tues.	3	1 ·26	18 ·92	14
12	Tues.	4	P ·74	7 ·09	13	12	Fri.	4	P ·55	12 ·45	13	12	Wed.	4	2 ·24	19 ·94	15
13	Wed.	5	1 ·65	8 ·03 / 9 ·97	14	13	Sat.	5	1 ·46	13 ·39	14	13	Thur.	5	3 ·25	20 ·99	16
14	Thur.	6	2 ·55	10 ·90	15	14	Sun.	6	2 ·38	14 ·33	15	14	Fri.	6	4 ·26	... ...	17
15	Fri.	7	3 ·45	11 ·83	16	15	Mon.	7	3 ·31	15 ·29	16	15	Sat.	7	5 ·32	21 ·06	18
16	Sat.	8	4 ·35	12 ·76	17	16	Tues.	8	4 ·26	16 ·27	17	16	Sun.	8	6 ·38	22 ·14	19
17	Sun.	9	5 ·26	13 ·71	18	17	Wed.	9	5 ·23	17 ·27	18	17	Mon.	9	7 ·46	23 ·24	20
18	Mon.	10	6 ·19	14 ·67	19	18	Thur.	10	6 ·21	18 ·28	19	18	Tues.	10	8 ·54	24 ·34	21
19	Tues.	11	7 ·12	15 ·63	20	19	Fri.	11	7 ·22	19 ·31	20	19	Wed.	11	9 ·62	25 ·45	22
20	Wed.	12	8 ·07	16 ·62	21	20	Sat.	12	8 ·25	20 ·37	21	20	Thur.	12	10 ·70	26 ·56	23
21	Thur.	13	9 ·04	17 ·62	22	21	Sun.	13	9 ·29	21 ·44	22	21	Fri.	13	11 ·76	27 ·65	24
22	Fri.	14	10 ·03	18 ·64	23	22	Mon.	14	10 ·35	22 ·53	23	22	Sat.	14	12 ·80	1 ·73	25
23	Sat.	15	11 ·03	19 ·69	24	23	Tues.	15	11 ·43	23 ·64	24	23	Sun.	15	13 ·83	2 ·78	26
24	Sun.	16	12 ·07	20 ·75	25	24	Wed.	16	12 ·52	24 ·75	25	24	Mon.	16	14 ·85	3 ·82	27
25	Mon.	17	13 ·11	21 ·84	26	25	Thur.	17	13 ·60	25 ·85	26	25	Tues.	17	—A ·83	4 ·84	28
26	Tues.	18	14 ·17	22 ·93	27	26	Fri.	18	14 ·67	26 ·95	27	26	Wed.	18	1 ·80	5 ·84	29
27	Wed.	19	—A ·26	.. ...	28	27	Sat.	19	—A ·74	... ...	28	27	Thur.	19	2 ·75	6 ·81	—30
28	Thur.	20	1 ·35	23 ·04	29	28	Sun.	20	1 ·79	27 ·03	29	28	Fri.	20	3 ·68	7 ·77	1
—29	Fri.	21	2 ·43	24 ·15	—30	29	Mon.	21	2 ·83	1 ·11	—30	29	Sat.	21	4 ·61	8 ·72	2
1	Sat.	22	3 ·51	25 ·25	1	30	Tues.	22	3 ·83	2 ·16	1	30	Sun.	22	5 ·51	9 ·66	3
2	Sun.	23	4 ·59	26 ·35	2	1	Wed.	23	4 ·82	3 ·18	2	31	Mon.	23	6 ·41	10 ·60	4
3	Mon.	24	5 ·64	27 ·42	3	2	Thur.	24	5 ·78	4 ·19	3	—32	Tues.	24	7 ·31	11 ·53	5
4	Tues.	25	6 ·67	1 ·48	4	3	Fri.	25	6 ·74	5 ·17	4	1	Wed.	25	8 ·81	12 ·46	6
5	Wed.	26	7 ·68	2 ·52	5	4	Sat.	26	7 ·67	6 ·15	5	2	Thur.	26	9 ·11	13 ·39	7
6	Thur.	27	8 ·66	3 ·54	6	5	Sun.	27	8 ·59	7 ·11	6	3	Fri.	27	10 ·01 / 11 ·92	14 ·33	8
7	Fri.	28	9 ·64	4 ·54	7	6	Mon.	28	9 ·49	8 ·05 / 9 ·93	7	4	Sat.	28	12 ·84	15 ·30	9
8	Sat.	29	10 ·59	5 ·52	8	7	Tues.	29	10 ·39	10 ·92	8	5	Sun.	29	13 ·79	16 ·26	10
9	Sun.	30	11 ·53	6 ·48	9	8	Wed.	30	11 ·29	11 ·85	9	6	Mon.	30	14 ·74	17 ·24	11
10	Mon.	31	12 ·45	7 ·43	10	9	Thur.	31	12 ·19	12 ·79	10	7	Tues.	31	P ·73	18 ·24	12
	Feb.						**April.**						**June.**				
11	Tues.	1	13 ·37	8 ·38	11	10	Fri.	1	13 ·09	13 ·72	11	8	Wed.	1	1 ·73	19 ·26	13
12	Wed.	2	14 ·27	9 ·31	12	11	Sat. ○	2	14 ·00 / P ·92	14 ·67	12	9	Thur.	2	2 ·75	20 ·31	14
13	Thur.	3	P ·17	10 ·24	13	12	Sun.	3	1 ·85	15 ·62	13	10	Fri.	3	3 ·78	21 ·37	15
14	Fri.	4	1 ·07 / 2 ·97	11 ·17	14	13	Mon.	4	2 ·79	16 ·59	14	11	Sat.	4	4 ·84	22 ·44	16
15	Sat.	5	3 ·88	12 ·10	15	14	Tues.	5	3 ·76	17 ·59	15	12	Sun.	5	5 ·93	23 ·54	17
16	Sun.	6	4 ·80	13 ·05	16	15	Wed.	6	4 ·74	18 ·60	16	13	Mon.	6	... ...	24 ·64	18
17	Mon.	7	5 ·73	14 ·00 / 15 ·96	17	16	Thur.	7	5 ·75	19 ·63	17	14	Tues.	7	6 ·02	25 ·76	19
18	Tues.	8	6 ·68	16 ·94	18	17	Fri.	8	6 ·78	20 ·68	18	15	Wed.	8	7 ·10	26 ·86	20
19	Wed.	9	7 ·65	17 ·94	19	18	Sat.	9	7 ·84	21 ·74	19	16	Thur.	9	8 ·17	27 ·95	21
20	Thur.	10	8 ·64	18 ·96	20	19	Sun.	10	8 ·88	22 ·84	20	17	Fri.	10	9 ·23	... ...	22
21	Fri.	11	9 ·64	... ...	21	20	Mon.	11	9 ·95	23 ·94	21	18	Sat.	11	10 ·28	1 ·03	23
22	Sat.	12	10 ·68	19 ·00	22	21	Tues.	12	... ...	...	22	19	Sun.	12	11 ·31	2 ·09	24
23	Sun.	13	11 ·72	20 ·06	23	22	Wed.	13	10 ·03	24 ·05	23	20	Mon.	13	12 ·32	3 ·14	25
24	Mon.	14	12 ·79	21 ·14	24	23	Thur.	14	11 ·12	25 ·15	24	21	Tues.	14	13 ·32	4 ·16	26
25	Tues.	15	13 ·87	22 ·23	25	24	Fri.	15	12 ·21	26 ·25	25	22	Wed.	15	14 ·28	5 ·16	27
26	Wed.	16	14 ·96	23 ·33	26	25	Sat.	16	13 ·27	27 ·35	26	23	Thur.	16	—A ·22	6 ·14	28
27	Thur.	17	... ..	24 ·45	27	26	Sun.	17	14 ·32	1 ·42	27	24	Fri.	17	1 ·16	7 ·11	—29
28	Fri.	18	—A ·05	25 ·55	28	27	Mon.	18	—A ·34	2 ·47	28	25	Sat.	18	2 ·08 / 3 ·99	8 ·06	1
29	Sat.	19	1 ·12	26 ·65	—29	28	Tues.	19	1 ·36	3 ·50	—29	26	Sun.	19	4 ·90	9 ·01 / 10 ·94	2
—30	Sun.	20	2 ·18	27 ·73	1	29	Wed.	20	2 ·34	4 ·51	1	27	Mon.	20	5 ·80	11 ·87	3
1	Mon.	21	3 ·23	1 ·79	2	30	Thur.	21	3 ·30	5 ·51	2	28	Tues.	21	6 ·70	12 ·80	4
2	Tues.	22	4 ·27	2 ·84	3	—31	Fri.	22	4 ·26	6 ·48	3	29	Wed.	22	7 ·60	13 ·73	5
3	Wed.	23	5 ·28	3 ·86	4	1	Sat.	23	5 ·20	7 ·44	4	30	Thur.	23	8 ·50	14 ·68	6
4	Thur.	24	6 ·27	4 ·86	5	2	Sun.	24	6 ·11	8 ·39	5	—31	Fri.	24	9 ·40	15 ·63	7
5	Fri.	25	7 ·23	5 ·84	6	3	Mon.	25	7 ·01 / 8 ·91	9 ·32	6	1	Sat.	25	10 ·33	16 ·59	8
6	Sat.	26	8 ·18	6 ·81	7	4	Tues.	26	9 ·81	10 ·26	7	2	Sun.	26	11 ·27	17 ·56	9
7	Sun.	27	9 ·12	7 ·77	8	5	Wed.	27	10 ·71	11 ·19	8	3	Mon.	27	12 ·22	18 ·56	10
8	Mon.	28	10 ·04 / 11 ·95	8 ·71	9	6	Thur.	28	11 ·61	12 ·13	9	4	Tues.	28	13 ·21	19 ·58	11
						7	Fri.	29	12 ·51	13 ·06	10	5	Wed.	29	14 ·20	20 ·62	12
						8	Sat.	30	13 ·43	14 ·00 / 15 ·95	11	6	Thur.	30	P ·23	21 ·67	13

Dhātri. **Makara—Tai.** *Bahula.* *Sukla.* *H. 428 Rabī-ul awwal.*
Dhātri. **Kumbha—Māśi.** *Bahula.* *Sukla.* *H. 428 Rabī-ul ākhir.*
Dhātri. **Mīna—Pāṅguni.** *Bahula.* *Sukla.* *H. 428 Jumādā'l awwal.*
Lōhitri. **Mīna—Pāṅguni.** *Bahula.* *Sukla.* *H. 428 Jumādā'l ākhir.*
Īśvara. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H. 428 Rajab.*
Īśvara. **Vṛish.—Vaigāśi.** *Bahula.* *Sukla.* *H. 428 Sha'bān.*
Īśvara. **Mithuna—Āni.** *Bahula.* *Sukla.* *H. 428 Ramazān.*
Īśvara. **Kark.—Ādi.** *Bahula.* *Sukla.* *H. 428 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1037. **Kollam 213,** { **N. Malabar—Aug.** **Hijra 429.** **Vikrama 1094.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 14.** **Bengal San. 443.**
P—Paurnimā. **(N. Cycle) Pramāthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Fri.	1	1 ·26	22 ·75	14	6	Thur.	1	Bhād. 4 ·80	... ...	17	7	Tues.	1	6 ·91	8 ·78	19
8	Sat.	2	2 ·33	23 ·84	15	7	Fri.	2	5 ·83	2 ·03	18	8	Wed.	2	7 ·84	9 ·69	20
9	Sun.	3	3 ·39	24 ·95	16	8	Sat.	3	6 ·85	3 ·08	19	9	Thur.	3	8 ·75	10 ·64	21
10	Mon.	4	4 ·47	.. ...	17	9	Sun.	4	7 ·84	4 ·12	20	10	Fri.	4	Bahula. 9 ·66	11 ·57	22
11	Tues.	5	5 ·56	25 ·05	18	10	Mon.	5	8 ·81	5 ·13	21	11	Sat.	5	10 ·56	12 ·50	23
12	Wed.	6	6 ·63	26 ·16	19	11	Tues.	6	9 ·77	6 ·13	22	12	Sun.	6	11 ·46	13 ·43	24
13	Thur.	7	7 ·70	27 ·26	20	12	Wed.	7	Bahula. 10 ·71	7 ·11	23	13	Mon.	7	12 ·36	14 ·36	25
14	Fri.	8	8 ·75	1 ·34	21	13	Thur.	8	11 ·63	8 ·07	24	14	Tues.	8	13 ·27	15 ·31	26
15	Sat.	9	9 ·80	2 ·40	22					9 ·02 }		15	Wed.	9	14 ·19	16 ·26	27
16	Sun.	10	Bahula. 10 ·80	3 ·46	23	14	Fri.	9	12 ·54	10 ·95 }	25	16	Thur.	10	—A ·12	17 ·22	28
17	Mon.	11	11 ·79	4 ·48	24	15	Sat.	10	13 ·44	11 ·90	26	17	Fri.	11	1 ·07	18 ·19	29
18	Tues.	12	12 ·76	5 ·49	25	16	Sun.	11	14 ·34	12 ·83	27	18	Sat.	12	2 ·04	19 ·18	—30
19	Wed.	13	13 ·72	6 ·47	26	17	Mon.	12	—A ·24	13 ·76	28	19	Sun.	13	3 ·03	20 ·20	1
20	Thur.	14	14 ·66	7 ·44	27	18	Tues.	13	1 ·14	14 ·69	29	20	Mon.	14	4 ·03	21 ·23	2
21	Fri.	15	—A ·57	8 ·40	28	19	Wed.	14	2 ·04 }	15 ·63	—30	21	Tues.	15	5 ·06	22 ·28	3
22	Sat.	16	1 ·48	9 ·34	29				3 ·96 }			22	Wed.	16	6 ·10	23 ·36	4
23	Sun.	17	2 ·38	10 ·28	—30	20	Thur.	15	4 ·89	16 ·58	1	23	Thur.	17	7 ·17	24 ·44	5
24	Mon.	18	3 ·28	11 ·21	1	21	Fri.	16	5 ·84	17 ·56	2	24	Fri.	18	Sukla. 8 ·25	25 ·55	6
25	Tues.	19	4 ·18	12 ·14	2	22	Sat.	17	6 ·81	18 ·54	3	25	Sat.	19	9 ·34	26 ·66	7
			5 ·08 }			23	Sun.	18	Sukla. 7 ·79	19 ·54	4	26	Sun.	20	10 ·44	27 ·77	8
26	Wed.	20	6 ·98 }	13 ·08	3	24	Mon.	19	8 ·80	20 ·56	5	27	Mon.	21	11 ·52	1 ·86	9
				14 ·02 }		25	Tues.	20	9 ·81	21 ·60	6	28	Tues.	22	12 ·60	2 ·95	10
27	Thur.	21	7 ·89	15 ·96 }	4	26	Wed.	21	10 ·86	22 ·67	7	29	Wed.	23	13 ·64	... ...	11
28	Fri.	22	Sukla. 8 ·82	16 ·92	5	27	Thur.	22	11 ·91	23 ·75	8	—30	Thur.	24	14 ·68	3 ·03	12
29	Sat.	23	9 ·76	17 ·89	6	28	Fri.	23	12 ·99	24 ·84	9	1	Fri.	25	P ·69	4 ·07	13
30	Sun.	24	10 ·72	18 ·89	7	29	Sat.	24	Āśvina.	25 ·95	10	2	Sat.	26	1 ·68	5 ·10	14
31	Mon.	25	11 ·70	19 ·90	8	—30	Sun.	25	13 ·07	.. ...	11	3	Sun.	27	2 ·66	6 ·11	15
—32	Tues.	26	12 ·70	20 ·93	9	1	Mon.	26	14 ·16	26 ·06	12	4	Mon.	28	3 ·60	7 ·09	16
1	Wed.	27	13 ·72	21 ·98	10	2	Tues.	○27	P ·26	27 ·17	13	5	Tues.	29	4 ·54	8 ·07	17
2	Thur.	28	14 ·76	... .	11	3	Wed.	28	1 ·32	1 ·26	14					9 ·03 }	
3	Fri.	29	P ·82	22 ·05	12	4	Thur.	29	2 ·37	2 ·34	15	6	Wed.	30	5 ·47	10 ·98 }	18
4	Sat.	30	1 ·89	23 ·15	13	5	Fri.	30	3 ·41	3 ·40	16						
5	Sun.	31	2 ·97	24 ·25	14												
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	... ...	25 ·35	15	6	Sat.	1	4 ·44	4 ·43	17	7	Thur.	1	6 ·39	11 ·91	19
7	Tues.	2	3 ·05	26 ·46	16	7	Sun.	2	5 ·42	5 ·46	18	8	Fri.	2	7 ·29	12 ·84	20
8	Wed.	3	4 ·15	27 ·56	17	8	Mon.	3	6 ·40	6 ·46	19	9	Sat.	3	8 ·19	13 ·77	21
9	Thur.	4	5 ·21	1 ·64	18	9	Tues.	4	Bahula. 7 ·35	7 ·44	20				9 ·09 }		
10	Fri.	5	6 ·25	2 ·72	19	10	Wed.	5	8 ·30	8 ·40	21	10	Sun.	4	10 ·99 }	14 ·71	22
11	Sat.	6	7 ·29	3 ·77	20	11	Thur.	6	9 ·23	9 ·35	22	11	Mon.	5	Bahula. 11 ·90	15 ·65	23
12	Sun.	7	8 ·31	4 ·80	21	12	Fri.	7	10 ·13	10 ·30	23	12	Tues.	6	12 ·82	16 ·59	24
13	Mon.	8	9 ·30	5 ·81	22				11 ·03 }			13	Wed.	7	13 ·76	17 ·55	25
14	Tues.	9	10 ·27	6 ·80	23	13	Sat.	8	12 ·93 }	11 ·23	24	14	Thur.	8	14 ·71	18 ·52	26
15	Wed.	10	11 ·23	7 ·78	24	14	Sun.	9	13 ·83	12 ·16	25	15	Fri.	9	—A ·69	19 ·51	27
16	Thur.	11	12 ·17	8 ·74	25	15	Mon.	10	14 ·73	13 ·09	26	16	Sat.	10	1 ·67	20 ·52	28
			13 ·08 }							14 ·03 }		17	Sun.	11	2 ·67	21 ·55	—29
17	Fri.	12	14 ·99 }	9 ·68	26	16	Tues.	11	—A ·64	15 ·96 }	27	18	Mon.	12	3 ·71	22 ·59	1
18	Sat.	13	—A ·89	10 ·62	27	17	Wed.	12	1 ·56	16 ·92	28	19	Tues.	13	4 ·75	23 ·66	2
19	Sun.	14	1 ·79	11 ·55	28	18	Thur.	13	2 ·50	17 ·89	—29	20	Wed.	14	5 ·82	24 ·75	3
20	Mon.	15	2 ·69	12 ·49	—29	19	Fri.	14	3 ·44	18 ·86	1	21	Thur.	15	6 ·91	25 ·85	4
21	Tues.	16	3 ·59	13 ·42	1	20	Sat.	15	4 ·41	19 ·86	2	22	Fri.	16	... ...	26 ·96	5
22	Wed.	17	4 ·49	14 ·35	2	21	Sun.	16	5 ·40	20 ·87	3	23	Sat.	17	7 ·00	... ...	6
23	Thur.	18	Sukla. 5 ·41	15 ·30	3	22	Mon.	17	6 ·40	21 ·92	4	24	Sun.	18	Sukla. 8 ·08	27 ·06	7
24	Fri.	19	6 ·35	16 ·25	4	23	Tues.	18	7 ·41	22 ·98	5	25	Mon.	19	9 ·16	1 ·16	8
25	Sat.	20	7 ·29	17 ·23	5	24	Wed.	19	8 ·46	... ...	6	26	Tues.	20	10 ·24	2 ·25	9
26	Sun.	21	8 ·25	18 ·21	6	25	Thur.	20	Śukla. 9 ·53	23 ·05	7	27	Wed.	21	11 ·28	3 ·33	10
27	Mon.	22	9 ·23	19 ·22	7	26	Fri.	21	10 ·61	24 ·14	8	28	Thur.	22	12 ·32	4 ·39	11
28	Tues.	23	10 ·24	20 ·24	8	27	Sat.	22	11 ·69	25 ·25	9	—29	Fri.	23	13 ·34	5 ·42	12
29	Wed.	24	11 ·26	21 ·29	9	28	Sun.	23	12 ·79	26 ·36	10	1	Sat.	24	14 ·33	6 ·43	13
30	Thur.	25	12 ·31	22 ·35	10	29	Mon.	24	13 ·87	27 ·47	11	2	Sun.	25	P ·30	7 ·42	14
—31	Fri.	26	13 ·37	23 ·45	11	—30	Tues.	25	14 ·95	1 ·56	12	3	Mon.	26	Pausha. 1 ·26	8 ·41	15
1	Sat.	27	14 ·44	24 ·55	12	1	Wed.	26	Kārttika. P ·99	2 ·64	13	4	Tues.	27	2 ·19	9 ·36	16
2	Sun.	28	P ·53	25 ·65	13	2	Thur.	27	... ..	3 ·71	14	5	Wed.	28	3 ·11	10 ·31	17
3	Mon.	29	1 ·60	26 ·76	14	3	Fri.	28	1 ·03	4 ·76	15	6	Thur.	29	4 ·02 }	11 ·25	18
4	Tues.	30	2 ·67	27 ·86	15	4	Sat.	29	2 ·06	5 ·78	16				5 ·93 }		
5	Wed.	31	3 ·74	1 ·96	16	5	Sun.	30	3 ·04	6 ·78	17	7	Fri.	30	6 ·83	12 ·18	19
						6	Mon.	31	4 ·02 }	7 ·77	18	8	Sat.	31	7 ·73	13 ·12	20
									5 ·97 }								

Īśvara. **Karkaṭaka—Ādi.** *Īśvara.* **Kanyā—Purattāsi.** *Īśvara.* **Vṛśchika—Kārttigai.**

Īśvara. **Siṁha—Āvaṇi.** *Īśvara.* **Tulā—Aippasi.** *Īśvara.* **Dhanus—Mārgali.**

Īśvara. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1038. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·57.** **Śaka 960.** **Kaliyuga 4139.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·53.** **(S. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	8 ·64	14 ·05 / 15 ·98	21	9	Wed. 1	8 ·57	19 ·49	21	9	Mon. 1	10 ·72	25 ·36	23
10	Mon. 2	9 ·55	16 ·92	22	10	Thur. 2	9 ·53	20 ·48	22	10	Tues. 2	11 ·79	26 ·46	24
11	Tues. 3	10 ·46	17 ·88	23	11	Fri. 3	10 ·52	21 ·49	23	11	Wed. 3	12 ·87	27 ·56	25
12	Wed. 4	11 ·41	18 ·85	24	12	Sat. 4	11 ·52	22 ·53	24	12	Thur. 4	13 ·95	1 ·67	26
13	Thur. 5	12 ·36	19 ·84	25	13	Sun. 5	12 ·55	23 ·59	25	13	Fri. 5	... ...	2 ·77	27
14	Fri. 6	13 ·38	20 ·84	26	14	Mon. 6	13 ·60	24 ·66	26	14	Sat. 6	14 ·03	3 ·87	28
15	Sat. 7	14 ·31	21 ·86	27	15	Tues. 7	14 ·67	25 ·75	27	15	Sun. 7	—A ·09	4 ·95	29
16	Sun. 8	—A ·32	22 ·90	28	16	Wed. 8	—A ·76	26 ·85	28	16	Mon. 8	1 ·13	... ..	—30
17	Mon. 9	1 ·36	23 ·98	29	17	Thur. 9	1 ·55	27 ·97	29	17	Tues. 9	2 ·16	5 ·00	1
18	Tues. 10	2 ·40	... ...	—30	18	Fri. 10	2 ·93	... ...	—30	18	Wed. 10	3 ·17	6 ·04	2
19	Wed. 11	3 ·47	24 ·06	1	19	Sat. 11	... ...	1 ·07	1	19	Thur. 11	4 ·15	7 ·05	3
20	Thur. 12	4 ·55	25 ·15	2	20	Sun. 12	3 ·00	2 ·17	2	20	Fri. 12	5 ·12	8 ·05	4
21	Fri. 13	5 ·65	26 ·26	3	21	Mon. 13	4 ·08	3 ·25	3	21	Sat. 13	6 ·06 / 7 ·99	9 ·08 / 10 ·99	5
22	Sat. 14	6 ·73	27 ·36	4	22	Tues. 14	5 ·11	4 ·32	4	22	Sun. 14	8 ·91	11 ·94	6
23	Sun. 15	7 ·81	1 ·46	5	23	Wed. 15	6 ·14	5 ·38	5	23	Mon. 15	9 ·82	12 ·88	7
24	Mon. 16	8 ·88	2 ·57	6	24	Thur. 16	7 ·14	6 ·40	6	24	Tues. 16	10 ·72	13 ·81	8
25	Tues. 17	9 ·93	3 ·64	7	25	Fri. 17	8 ·12	7 ·41	7	25	Wed. 17	11 ·62	14 ·75	9
26	Wed. 18	10 ·95	4 ·70	8	26	Sat. 18	9 ·09	8 ·39	8	26	Thur. 18	12 ·52	15 ·68	10
27	Thur. 19	11 ·97	5 ·74	9	27	Sun. 19	10 ·03 / 11 ·97	9 ·36	9	27	Fri. 19	13 ·42	16 ·61	11
28	Fri. 20	12 ·96	6 ·75	10	28	Mon. 20	12 ·89	10 ·33	10	28	Sat. 20	14 ·32	17 ·55	12
—29	Sat. 21	13 ·93	7 ·76	11	29	Tues. 21	13 ·80	11 ·27	11	29	Sun. 21	P ·23	18 ·50	13
1	Sun. 22	14 ·87	8 ·74	12	30	Wed. 22	14 ·70	12 ·20	12	30	Mon. 22	1 ·17	19 ·48	14
2	Mon. 23	P ·81	9 ·70	13	—31	Thur. ○23	P ·60	13 ·13	13	31	Tues. 23	2 ·11	20 ·46	15
3	Tues. 24	1 ·74	10 ·65	14	1	Fri. 24	1 ·50	14 ·06 / 15 ·99	14	—32	Wed. 24	3 ·08	21 ·46	16
4	Wed. 25	2 ·65	11 ·59	15						1	Thur. 25	4 ·05	22 ·48	17
5	Thur. 26	3 ·55	12 ·53	16	2	Sat. 25	2 ·40	16 ·94	15	2	Fri. 26	5 ·06	23 ·52	18
6	Fri. 27	4 ·45	13 ·46	17	3	Sun. 26	3 ·31	17 ·89	16	3	Sat. 27	6 ·08	24 ·59	19
7	Sat. 28	5 ·35	14 ·39	18	4	Mon. 27	4 ·23	18 ·84	17	4	Sun. 28	7 ·12	25 ·66	20
8	Sun. 29	6 ·26	15 ·32	19	5	Tues. 28	5 ·15	19 ·81	18	5	Mon. 29	8 ·19	26 ·76	21
9	Mon. 30	7 ·17	16 ·26	20	6	Wed. 29	6 ·11	20 ·80	19	6	Tues 30	9 ·26	27 ·86	22
10	Tues. 31	8 ·09	17 ·22	21	7	Thur. 30	7 ·07	21 ·82	20	7	Wed. 31	10 ·35	1 ·97	23
	Feb.					**April.**					**June.**			
11	Wed. 1	9 ·02 / 10 ·97	18 ·18	22	9	Sat. 1	9 ·06	23 ·90	22	8	Thur. 1	11 ·44	... ...	24
12	Thur. 2	11 ·94	19 ·16	23	10	Sun. 2	10 ·10	24 ·97	23	9	Fri. 2	12 ·51	2 ·07	25
13	Fri. 3	12 ·93	20 ·16	24	11	Mon. 3	11 ·15	... ...	24	10	Sat. 3	13 ·56	3 ·17	26
14	Sat. 4	13 ·94	21 ·17	25	12	Tues. 4	12 ·21	25 ·05	25	11	Sun. 4	14 ·61	4 ·25	27
15	Sun. 5	14 ·97	22 ·21	26	13	Wed. 5	13 ·28	26 ·16	26	12	Mon. 5	—A ·64	5 ·31	28
16	Mon. 6	... ...	23 ·28	27	14	Thur. 6	14 ·37	27 ·27	27	13	Tues. 6	1 ·64	6 ·35	—29
17	Tues. 7	—A ·02	24 ·36	28	15	Fri. 7	—A ·45	1 ·37	28	14	Wed. 7	2 ·63	7 ·37	1
18	Wed. 8	1 ·08	25 ·45	—29	16	Sat. 8	1 ·53	2 ·47	—29	15	Thur. 8	3 ·60	8 ·38	2
19	Thur. 9	2 ·16	26 ·55	1	17	Sun. 9	2 ·60	3 ·56	1	16	Fri. 9	4 ·55	9 ·36	3
20	Fri. 10	3 ·26	27 ·66	2	18	Mon. 10	3 ·65	4 ·64	2	17	Sat. 10	5 ·49	10 ·33	4
21	Sat. 11	4 ·34	1 ·77	3	19	Tues. 11	4 ·68	5 ·69	3	18	Sun. 11	6 ·40	11 ·28	5
22	Sun. 12	5 ·42	2 ·87	4	20	Wed. 12	5 ·67	6 ·72	4	19	Mon. 12	7 ·30	12 ·22	6
23	Mon. 13	6 ·49	3 ·95	5	21	Thur. 13	6 ·65	7 ·73	5	20	Tues. 13	8 ·20	13 ·16	7
24	Tues. 14	7 ·54	... ...	6	22	Fri 14	7 ·63	8 ·72	6	21	Wed. 14	9 ·10	14 ·09	8
25	Wed. 15	8 ·57	4 ·01	7	23	Sat. 15	8 ·56	9 ·69	7	22	Thur. 15	10 ·00 / 11 ·90	15 ·02 / 16 ·95	9
26	Thur. 16	9 ·58	5 ·05	8	24	Sun. 16	9 ·49	10 ·66	8	23	Fri. 16	12 ·81	17 ·89	10
27	Fri. 17	10 ·56	6 ·08	9	25	Mon. 17	10 ·41	11 ·61	9	24	Sat. 17	13 ·72	18 ·85	11
28	Sat. 18	11 ·52	7 ·08	10	26	Tues. 18	11 ·32	12 ·54	10	25	Sun. 18	14 ·65	19 ·81	12
29	Sun. 19	12 ·47	8 ·06	11	27	Wed. 19	12 ·23	13 ·47	11	26	Mon. 19	P ·58	20 ·78	13
—30	Mon. 20	13 ·40	9 ·03 / 10 ·98	12	28	Thur. 20	13 ·13	14 ·40	12	27	Tues. 20	1 ·55	21 ·78	14
1	Tues. 21	14 ·33	11 ·93	13	29	Fri. 21	14 ·03 / P ·93	15 ·35	13	28	Wed. 21	2 ·53	22 ·79	15
2	Wed. 22	P ·24	12 ·87	14	—30	Sat. 22	1 ·83	16 ·28	14	29	Thur. 22	3 ·53	23 ·84	16
3	Thur. 23	1 ·14	13 ·80	15	1	Sun. 23	2 ·74	17 ·22	15	30	Fri. 23	4 ·55	24 ·89	17
4	Fri. 24	2 ·04 / 3 ·94	14 ·73	16	2	Mon. 24	3 ·68	18 ·17	16	31	Sat. 24	5 ·60	25 ·97	18
5	Sat. 25	4 ·84	15 ·66	17	3	Tues. 25	4 ·62	19 ·14	17	1	Sun. 25	6 ·66	.. ...	19
6	Sun. 26	5 ·75	16 ·60	18	4	Wed. 26	5 ·58	20 ·13	18	2	Mon. 26	7 ·72	26 ·06	20
7	Mon. 27	6 ·68	17 ·55	19	5	Thur 27	6 ·57	21 ·14	19	3	Tues. 27	8 ·81	27 ·16	21
8	Tues. 28	7 ·61	18 ·51	20	6	Fri. 28	7 ·57	22 ·16	20	4	Wed. 28	9 ·89	1 ·27	22
					7	Sat. 29	8 ·59	23 ·21	21	5	Thur. 29	10 ·97	2 ·38	23
					8	Sun. 30	9 ·65	24 ·27	22	6	Fri. 30	... ...	3 ·48	24

Naksh:— 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. bhad. 25. U. Bhad. 27. Rev.

A.D. 1038. **Kollam 214,** { **N. Malabar—Aug.** **Hijra 430.** **Vikrama 1095.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 3.** **Bengal San. 444.**
P—Paurnimā. **(N. Cycle) Vikrama.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sat. 1	11 ·04	4 ·56	25			{14 ·01							
8	Sun. 2	12 ·10	5 ·62	26	6	Fri. 1	{A ·93	11 ·29	28	7	Wed. 1	2 ·56	18 ·52	—30
9	Mon. 3	13 ·12	6 ·67	27	7	Sat. 2	1 ·84	12 ·24	29	8	Thur. 2	3 ·48	19 ·48	1
10	Tues. 4	14 ·13	7 ·70	28	8	Sun. 3	2 ·74	13 ·17	—30	9	Fri. 3	4 ·40	20 ·43	2
11	Wed. 5	A ·11	8 ·71	29	9	Mon. 4	3 ·64	14 ·11	1	10	Sat. 4	5 ·35	21 ·41	3
12	Thur. 6	1 ·08	9 ·69	—30				15 ·04		11	Sun. 5	6 ·33	22 ·40	4
		{2 ·03			10	Tues. 5	4 ·54	16 ·97	2	12	Mon. 6	7 ·31	23 ·41	5
13	Fri. 7	{3 ·96	10 ·66	1	11	Wed. 6	5 ·44	17 ·91	3	13	Tues. 7	8 ·32	24 ·45	6
14	Sat. 8	4 ·89	11 ·61	2	12	Thur. 7	6 ·34	18 ·85	4	14	Wed. 8	9 ·33	25 ·50	7
15	Sun. 9	5 ·79	12 ·56	3	13	Fri. 8	7 ·27	19 ·80	5	15	Thur. 9	10 ·38	26 ·58	8
16	Mon. 10	6 ·69	13 ·50	4	14	Sat. 9	8 ·21	20 ·77	6	16	Fri. 10	11 ·44	27 ·66	9
17	Tues. 11	7 ·59	14 ·43	5	15	Sun. 10	9 ·15	21 ·76	7	17	Sat. 11	12 ·52	1 ·76	10
18	Wed. 12	8 ·49	15 ·36	6	16	Mon. 11	10 ·10	22 ·76	8	18	Sun. 12	13 ·62	2 ·87	11
19	Thur. 13	9 ·39	16 ·29	7	17	Tues. 12	11 ·09	23 ·78	9	19	Mon. 13	14 ·72	3 ·99	12
20	Fri. 14	10 ·29	17 ·24	8	18	Wed. 13	12 ·08	24 ·82	10	20	Tues 14	P ·80	... ...	13
21	Sat. 15	11 ·21	18 ·18	9	19	Thur. 14	13 ·12	25 ·88	11	21	Wed. 15	1 ·87	4 ·08	14
22	Sun. 16	12 ·14	19 ·14	10	20	Fri. 15	14 ·17	26 ·96	12	22	Thur. 16	2 ·94	5 ·17	15
23	Mon. 17	13 ·08	20 ·11	11	21	Sat. ○16	P ·22	... ...	13	23	Fri. 17	3 ·96	6 ·24	16
24	Tues. 18	14 ·04	21 ·10	12	22	Sun. 17	1 ·29	27 ·06	14	24	Sat. 18	4 ·97	7 ·28	17
25	Wed. 19	P ·01	22 ·11	13	23	Mon. 18	2 ·39	1 ·17	15	25	Sun. 19	5 ·97	8 ·32	18
26	Thur. 20	1 ·02	23 ·15	14	24	Tues. 19	3 ·47	2 ·28	16	26	Mon. 20	6 ·92	9 ·33	19
27	Fri. 21	2 ·03	24 ·20	15	25	Wed. 20	4 ·55	3 ·38	17	27	Tues. 21	7 ·87	10 ·31	20
28	Sat. 22	3 ·09	25 ·27	16	26	Thur. 21	5 ·63	4 ·48	18	28	Wed. 22	8 ·81	11 ·28	21
29	Sun. 23	4 ·15	26 ·36	17	27	Fri. 22	6 ·68	5 ·56	19	29	Thur. 23	9 ·73	12 ·24	22
30	Mon. 24	5 ·22	27 ·46	18	28	Sat. 23	7 ·71	6 ·62	20	—30	Fri. 24	10 ·64	13 ·19	23
31	Tues. 25	6 ·30	1 ·57	19	29	Sun. 24	8 ·73	7 ·65	21	1	Sat. 25	11 ·55	14 ·13	24
—32	Wed. 26	7 ·39	2 ·68	20	—30	Mon. 25	9 ·72	8 ·67	22				{15 ·06	
1	Thur. 27	8 ·47	3 ·78	21	1	Tues. 26	10 ·69	9 ·67	23	2	Sun. 26	12 ·45	16 ·99	25
2	Fri. 28	9 ·53	4 ·86	22	2	Wed. 27	11 ·65	10 ·66	24	3	Mon. 27	13 ·35	17 ·92	26
3	Sat. 29	10 ·59	5 ·93	23	3	Thur. 28	12 ·59	11 ·62	25	4	Tues. 28	14 ·26	18 ·87	27
4	Sun. 30	11 ·62	6 ·99	24	4	Fri. 29	13 ·51	12 ·57	26	5	Wed. 29	A ·18	19 ·81	28
5	Mon. 31	12 ·63	... ...	25	5	Sat. 30	14 ·42	13 ·51	27	6	Thur. 30	1 ·10	20 ·77	—29
	Aug.					**Oct.**					**Dec.**			
6	Tues. 1	13 ·61	7 ·02	26	6	Sun. 1	A ·32	14 ·44	28	7	Fri. 1	2 ·04	21 ·74	1
7	Wed. 2	14 ·59	8 ·03	27	7	Mon. 2	1 ·22	15 ·38	—29			{3 ·00		
			9 ·02		8	Tues. 3	2 ·12	16 ·31	1	8	Sat. 2	4 ·97	22 ·72	2
8	Thur. 3	A ·54	10 ·99	28	9	Wed. 4	{3 ·03	17 ·25	2	9	Sun. 3	5 ·95	23 ·73	3
9	Fri. 4	1 ·47	11 ·96	—29			{4 ·94			10	Mon. 4	6 ·96	24 ·77	4
10	Sat. 5	2 ·39	12 ·90	1	10	Thur. 5	5 ·86	18 ·18	3	11	Tues. 5	... ...	25 ·81	5
11	Sun. 6	3 ·30	13 ·84	2	11	Fri. 6	6 ·79	19 ·13	4	12	Wed. 6	7 ·00	26 ·88	6
12	Mon. 7	4 ·20	14 ·77	3	12	Sat. 7	7 ·73	20 ·11	5	13	Thur. 7	8 ·05	27 ·97	7
13	Tues. 8	5 ·10	15 ·70	4	13	Sun. 8	8 ·70	21 ·08	6	14	Fri. 8	9 ·11	... ...	8
		{6 ·00			14	Mon. 9	9 ·68	22 ·08	7	15	Sat. 9	10 ·19	1 ·06	9
14	Wed. 9	{7 ·90	16 ·64	5	15	Tues. 10	10 ·69	23 ·09	8	16	Sun. 10	11 ·28	2 ·18	10
15	Thur. 10	8 ·81	17 ·57	6	16	Wed. 11	11 ·72	24 ·13	9	17	Mon. 11	12 ·37	3 ·28	11
16	Fri. 11	9 ·73	18 ·51	7	17	Thur. 12	12 ·76	25 ·20	10	18	Tues. 12	13 ·45	4 ·39	12
17	Sat. 12	10 ·65	19 ·47	8	18	Fri. 13	13 ·83	26 ·27	11	19	Wed. 13	14 ·52	5 ·47	13
18	Sun. 13	11 ·60	20 ·44	9	19	Sat. 14	14 ·90	27 ·36	12	20	Thur. 14	P ·58	6 ·55	14
19	Mon. 14	12 ·55	21 ·42	10	20	Sun. 15	... ...	1 ·47	13	21	Fri. 15	1 ·60	7 ·61	15
20	Tues. 15	13 ·51	22 ·44	11	21	Mon. 16	P ·00	2 ·57	14	22	Sat. 16	2 ·63	8 ·64	16
21	Wed. 16	14 ·54	23 ·46	12	22	Tues. 17	1 ·09	3 ·68	15	23	Sun. 17	3 ·61	9 ·65	17
22	Thur. 17	P ·56	24 ·51	13	23	Wed. 18	2 ·17	4 ·78	16	24	Mon. 18	4 ·58	10 ·64	18
23	Fri. 18	1 ·61	25 ·58	14	24	Thur. 19	3 ·23	5 ·86	17	25	Tues. 19	5 ·54	11 ·62	19
24	Sat. 19	2 ·66	26 ·66	15	25	Fri. 20	4 ·28	6 ·93	18	26	Wed. 20	6 ·47	12 ·58	20
25	Sun. 20	3 ·74	27 ·77	16	26	Sat. 21	5 ·33	7 ·97	19	27	Thur. 21	7 ·39	13 ·53	21
26	Mon. 21	4 ·82	1 ·87	17	27	Sun. 22	6 ·34	8 ·99	20	28	Fri. 22	8 ·30	14 ·47	22
27	Tues. 22	5 ·91	2 ·98	18	28	Mon. 23	7 ·33	... ...	21	—29	Sat. 23	9 ·20	15 ·40	23
28	Wed. 23	6 ·99	... ...	19				9 ·00		1	Sun. 24	10 ·10	16 ·33	24
29	Thur. 24	... ...	3 ·08	20	29	Tues. 24	8 ·30	10 ·99	22			{11 ·01		
30	Fri. 25	7 ·06	4 ·17	21	—30	Wed. 25	9 ·26	11 ·95	23	2	Mon. 25	{12 ·92	17 ·27	25
—31	Sat. 26	8 ·11	5 ·25	22	1	Thur. 26	10 ·20	12 ·91	24	3	Tues. 26	13 ·83	18 ·20	26
1	Sun. 27	9 ·15	6 ·30	23	2	Fri. 27	11 ·12	13 ·85	25	4	Wed. 27	14 ·75	19 ·14	27
2	Mon. 28	10 ·16	7 ·34	24	3	Sat. 28	{12 ·03	14 ·79	26	5	Thur. 28	A ·68	20 ·10	28
3	Tues. 29	11 ·14	8 ·35	25			{13 ·94			6	Fri. 29	1 ·63	21 ·06	29
4	Wed. 30	12 ·12	9 ·34	26	4	Sun. 29	14 ·84	15 ·72	27	7	Sat. 30	2 ·60	22 ·05	—30
5	Thur. 31	13 ·07	10 ·32	27	5	Mon. 30	A ·74	16 ·65	28	8	Sun. 31	3 ·59	23 ·06	1
					6	Tues. 31	1 ·65	17 ·58	29					

Bahudhānya. **Simha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* **Śrāvaṇa.** *Śukla.* **Karkaṭaka—Ādi.** *Bahudhānya.* **Kanyā—Puraṭṭāśi.** *Bahudhānya.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Vṛśchika—Kārttigai.** *Bahudhānya.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Makara—Tai.** *Bahudhānya.*

H. 429 *Zi-l-ka'da.* *H.* 429 *Shawwāl.* *H.* 429 *Zi-l-hijja.* *H.* 430 *Muharram.* *H.* 430 *Ṣafar.* *H.* 430 *Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1039. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·83.** **Śaka 961.** **Kaliyuga 4140.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·79.** **(S. Cycle) Pramāthin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	4 ·59	24 ·08	2	9	Thur. 1	:: :::	:: :::	2	8	Tues. 1	5 ·47	7 ·16	4
10	Tues. 2	5 ·62	25 ·12	3	10	Fri. 2	4 ·07	2 ·07	3	9	Wed. 2	6 ·49	8 ·22	5
11	Wed. 3	6 ·69	26 ·19	4	11	Sat. 3	5 ·16	3 ·18	4	10	Thur. 3	7 ·50	9 ·26	6
12	Thur. 4	7 ·76	27 ·27	5	12	Sun. 4	6 ·24	4 ·29	5	11	Fri. 4	8 ·47	10 ·27	7
13	Fri. 5	8 ·86	1 ·37	6	13	Mon. 5	7 ·31	5 ·39	6	12	Sat. 5	9 ·43	11 ·27	8
14	Sat. 6	9 ·94	2 ·48	7	14	Tues. 6	8 ·38	6 ·47	7	13	Sun. 6	10 ·39	12 ·24	9
15	Sun. 7	... ...	3 ·59	8	15	Wed. 7	9 ·42	7 ·54	8	14	Mon. 7	11 ·31	13 ·21	10
16	Mon. 8	10 ·02	4 ·69	9	16	Thur. 8	10 ·46	8 ·59	9	15	Tues. 8	12 ·22	14 ·16	11
17	Tues. 9	11 ·10	5 ·78	10	17	Fri. 9	11 ·45	9 ·61	10	16	Wed. 9	13 ·13	15 ·10	12
18	Wed. 10	12 ·18	6 ·86	11	18	Sat. 10	12 ·44	10 ·63	11	17	Thur. 10	14 ·03	16 ·03	13
19	Thur. 11	13 ·23	7 ·92	12	19	Sun. 11	13 ·40	11 ·61	12			P ·93	17 ·96	
20	Fri. 12	14 ·25	8 ·96	13	20	Mon. 12	14 ·35	12 ·58	13	18	Fri. 11	1 ·83	18 ·90	14
21	Sat. 13	P ·26	9 ·97	14	21	Tues ○ 13	P ·28	13 ·54	14	19	Sat. 12	2 ·73	19 ·83	15
22	Sun. 14	1 ·25	10 ·97	15	22	Wed. 14	1 ·19	14 ·48	15	20	Sun. 13	3 ·63	20 ·77	16
23	Mon. 15	2 ·22	11 ·96	16	23	Thur. 15	2 ·10	15 ·42	16	21	Mon. 14	4 ·55	21 ·72	17
24	Tues. 16	3 ·16	12 ·92	17			3 ·00			22	Tues. 15	5 ·48	22 ·69	18
25	Wed. 17	4 ·09	13 ·87	18	24	Fri. 16	4 ·90	16 ·35	17	23	Wed. 16	6 ·44	23 ·67	19
26	Thur. 18	5 ·00	14 ·81	19	25	Sat. 17	5 ·80	17 ·28	18	24	Thur. 17	7 ·39	24 ·68	20
		6 ·91			26	Sun. 18	6 ·70	18 ·21	19	25	Fri. 18	8 ·39	25 ·70	21
27	Fri. 19	7 ·82	15 ·74	20	27	Mon. 19	7 ·61	19 ·15	20	26	Sat. 19	9 ·40	26 ·74	22
28	Sat. 20	8 ·73	16 ·67	21	28	Tues. 20	8 ·52	20 ·11	21	27	Sun. 20	10 ·42	27 ·87	23
29	Sun. 21	9 ·64	17 ·61	22	29	Wed. 21	9 ·46	21 ·06	22	28	Mon. 21	11 ·47	1 ·84	24
30	Mon. 22	10 ·54	18 ·54	23	30	Thur. 22	10 ·42	22 ·03	23	29	Tues. 22	12 ·54	2 ·98	25
1	Tues. 23	11 ·46	19 ·48	24	31	Fri. 23	11 ·39	23 ·02	24	30	Wed. 23	13 ·61	... ...	26
2	Wed. 24	12 ·38	20 ·43	25	1	Sat. 24	12 ·37	24 ·03	25	31	Thur. 24	14 ·68	3 ·08	27
3	Thur. 25	13 ·30	21 ·39	26	2	Sun. 25	13 ·38	25 ·07	26	1	Fri. 25	A ·76	4 ·19	28
4	Fri. 26	14 ·26	22 ·38	27	3	Mon. 26	14 ·42	26 ·12	27	2	Sat. 26	1 ·87	5 ·29	29
5	Sat. 27	A ·23	23 ·38	28	4	Tues. 27	A ·46	27 ·19	28	3	Sun. 27	2 ·91	6 ·39	1
6	Sun. 28	1 ·23	24 ·40	29	5	Wed. 28	1 ·52	1 ·27	29	4	Mon. 28	3 ·96	7 ·47	2
7	Mon. 29	2 ·23	25 ·43	1	6	Thur. 29	2 ·61	2 ·37	1	5	Tues. 29	4 ·99	8 ·53	3
8	Tues. 30	3 ·27	26 ·49	2	7	Fri. 30	3 ·71	3 ·48	2	6	Wed. 30	5 ·99	9 ·57	4
9	Wed. 31	4 ·31	27 ·58	3	8	Sat. 31	4 ·79	4 ·59	3	7	Thur. 31	6 ·97	10 ·59	5
	Feb.					**April.**					**June.**			
10	Thur. 1	5 ·38	1 ·67	4	9	Sun. 1	5 ·86	5 ·69	4	8	Fri. 1	7 ·94	11 ·59	6
11	Fri. 2	6 ·46	2 ·77	5	10	Mon. 2	6 ·92	6 ·78	5	9	Sat. 2	8 ·88	12 ·58	7
12	Sat. 3	7 ·54	3 ·88	6	11	Tues. 3	7 ·97	7 ·85	6	10	Sun. 3	9 ·82	13 ·55	8
13	Sun. 4	8 ·63	4 ·98	7	12	Wed. 4	8 ·99	8 ·90	7	11	Mon. 4	10 ·73	14 ·50	9
14	Mon. 5	9 ·71	... ...	8	13	Thur. 5	9 ·99	9 ·94	8	12	Tues. 5	11 ·63	15 ·44	10
15	Tues. 6	10 ·79	5 ·09	9	14	Fri. 6	10 ·98	10 ·95	9	13	Wed. 6	12 ·53	16 ·37	11
16	Wed. 7	11 ·84	6 ·17	10	15	Sat. 7	11 ·93	11 ·94	10	14	Thur. 7	13 ·42	17 ·31	12
17	Thur. 8	12 ·87	7 ·23	11	16	Sun. 8	12 ·88	12 ·91	11	15	Fri. 8	14 ·32	18 ·24	13
18	Fri. 9	13 ·87	8 ·27	12	17	Mon. 9	13 ·81	13 ·87	12	16	Sat. 9	P ·22	19 ·17	14
19	Sat. 10	14 ·85	9 ·29	13	18	Tues. 10	14 ·73	14 ·83	13	17	Sun. 10	1 ·12	20 ·11	15
20	Sun. 11	P ·83	10 ·28	14	19	Wed. 11	P ·63	15 ·76	14			2 ·03		16
21	Mon. 12	1 ·77	11 ·28	15	20	Thur. 12	1 ·53	16 ·69	15	18	Mon. 11	3 ·96	21 ·06	17
22	Tues. 13	2 ·70	12 ·25	16	21	Fri. 13	2 ·43	17 ·62	16	19	Tues. 12	4 ·91	22 ·02	18
23	Wed. 14	3 ·62	13 ·20	17	22	Sat. 14	3 ·33	18 ·55	17	20	Wed. 13	5 ·87	23 ·00	19
24	Thur. 15	4 ·53	14 ·14	18	23	Sun. 15	4 ·23	19 ·50	18	21	Thur. 14	6 ·86	24 ·00	20
25	Fri. 16	5 ·44	15 ·08	19	24	Mon. 16	5 ·13	20 ·44	19	22	Fri. 15	7 ·85	25 ·01	21
26	Sat. 17	6 ·34	16 ·02	20	25	Tues. 17	6 ·05	21 ·39	20	23	Sat. 16	8 ·89	26 ·05	22
			17 ·94				7 ·98			24	Sun. 17	9 ·93	27 ·10	
27	Sun. 18	7 ·24	18 ·88	21	26	Wed. 18	8 ·94	22 ·36	21	25	Mon. 18	... ..	1 ·19	23
28	Mon. 19	8 ·14	19 ·81	22	27	Thur. 19	9 ·91	23 ·34	22	26	Tues. 19	10 ·00	2 ·28	24
29	Tues. 20	9 ·05	20 ·76	23	28	Fri. 20	10 ·88	24 ·36	23	27	Wed. 20	11 ·07	3 ·38	25
		10 ·97			29	Sat. 21	11 ·89	25 ·38	24	28	Thur. 21	12 ·15	4 ·49	26
1	Wed. 21	11 ·90	21 ·73	24	30	Sun. 22	12 ·93	26 ·43	25	29	Fri. 22	13 ·24	5 ·59	27
2	Thur. 22	12 ·86	22 ·71	25	31	Mon. 23	13 ·98	27 ·49	26	30	Sat. 23	14 ·32	6 ·69	28
3	Fri. 23	13 ·84	23 ·70	26	1	Tues. 24	... ..	1 ·57	27	31	Sun. 24	A ·38	7 ·78	29
4	Sat. 24	14 ·82	24 ·71	27	2	Wed. 25	14 ·03	2 ·67	28	32	Mon. 25	1 ·42	8 ·84	30
5	Sun. 25	A ·89	25 ·74	28	3	Thur. 26	A ·13	3 ·78	29	1	Tues. 26	2 ·46	9 ·89	1
6	Mon. 26	1 ·86	26 ·81	29	4	Fri. 27	1 ·21	4 ·89	30	2	Wed. 27	3 ·45	10 ·91	2
7	Tues. 27	2 ·91	27 ·88	30	5	Sat. 28	2 ·28	5 ·99	1	3	Thur. 28	4 ·43	11 ·93	3
8	Wed. 28	3 ·99	1 ·67	1	6	Sun. 29	3 ·35	... ...	2	4	Fri. 29	5 ·40	12 ·91	4
					7	Mon. 30	4 ·42	6 ·08	3	5	Sat. 30	6 ·34	13 ·88	5

Bahudhānya. Makara—Tai. Māgha. Bahula. Pārśvāyana. Kumbha—Māśi. Phālguna. Bahula. Bahudhānya. Mīna—Pāṅguni. Pramāthin. Mēsha—Chittirai. Vaiśākha. Śukla. Bahudhānya. Mīna—Pāṅguni. Pramāthin. Vrishabha—Vaigāśi. Jyeshṭha. Bahula. Pramāthin. Mithuna—Āni. Adhika Āshāḍha. Bahula. Śukla.

H. 430 Rabī-ul ākhir. H. 430 Jamādal awwal. H. 430 Rajab. H. 430 Shé'bān. H. 430 Ramazān.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardhā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1039. **Kollam 215,** { **N. Malabar—Aug.** **Hijra 431.** **Vikrama 1096.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 23.** **Bengal San. 445.**
P—Paurnimā. **(N. Cycle) Vṛisha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Pramāthin.					*Pramāthin.*					*Pramāthin.*				
Karkataka—Ādi.					**Kanyā—Puraṭṭāśi.**					**Vṛiśchika—Kārttigai.**				
6	Sun. 1	7 ·28	14 ·83	6	6	Sat. 1	11 ·57	21 ·07	9	6	Thur. 1	13 ·64	1 ·72	10
7	Mon. 2	8 ·20	15 ·77	7	7	Sun. 2	12 ·50	22 ·02 } 23 ·99 }	10	7	Fri. 2	14 ·69	2 ·80	11
8	Tues. 3	9 ·10	16 ·71	8						8	Sat. 3	P ·75	3 ·89	12
9	Wed. 4	10 ·00 } 11 ·90 }	17 ·65	9	8	Mon. 3	13 ·45	24 ·97	11	9	Sun. 4	1 ·83	4 ·99	13
					9	Tues. 4	14 ·41	25 ·98	12	10	Mon. 5	2 ·92	... ...	14
10	Thur. 5	12 ·80	18 ·58	10	10	Wed. ○ 5	P ·39	... ...	13	11	Tues. 6	... ...	5 ·09	15
11	Fri. 6	13 ·69	19 ·51	11	11	Thur. 6	1 ·41	26 ·00	14	12	Wed. 7	3 ·02	6 ·20	16
12	Sat. 7	14 ·60	20 ·44	12	12	Fri. 7	2 ·43	27 ·04	15	13	Thur. 8	4 ·09	7 ·31	17
13	Sun. 8	P ·52	21 ·39	13	13	Sat. 8	3 ·48	1 ·10	16	14	Fri. 9	5 ·16	8 ·39	18
14	Mon. 9	1 ·45	22 ·36	14	14	Sun. 9	4 ·53	2 ·18	17	15	Sat. 10	6 ·22	9 ·46	19
15	Tues. 10	2 ·39	23 ·33	15	15	Mon. 10	5 ·60	3 ·28	18	16	Sun. 11	7 ·25	10 ·50	20
16	Wed. 11	3 ·35	24 ·32	16	16	Tues. 11	6 ·69	4 ·39	19	17	Mon. 12	8 ·26	11 ·53	21
17	Thur. 12	4 ·34	25 ·33	17	17	Wed. 12	7 ·78	5 ·50	20	18	Tues. 13	9 ·25	12 ·55	22
18	Fri. 13	5 ·34	26 ·36	18	18	Thur. 13	8 ·87	6 ·60	21	19	Wed. 14	10 ·22	13 ·53	23
19	Sat. 14	6 ·36	27 ·42	19	19	Fri. 14	9 ·94	7 ·69	22	20	Thur. 15	11 ·17	14 ·50	24
20	Sun. 15	7 ·40	1 ·49	H. 430 *Shawwāl.* 20	20	Sat. 15	10 ·99	8 ·77	23	21	Fri. 16	12 ·10	15 ·46	25
21	Mon. 16	8 ·47	2 ·58	21	21	Sun. 16	... ...	9 ·84	24			13 ·01 }		
22	Tues. 17	9 ·55	3 ·68	22	22	Mon. 17	11 ·02	10 ·88	25	22	Sat. 17	14 ·92 }	16 ·40	26
23	Wed. 18	10 ·64	4 ·78	23	23	Tues. 18	12 ·04	11 ·89	26	23	Sun. 18	—A ·83	17 ·35	27
24	Thur. 19	11 ·72	5 ·90	24						24	Mon. 19	1 ·74	18 ·28	28
25	Fri. 20	12 ·79	... ...	25	24	Wed. 19	13 ·02 } 14 ·99 }	12 ·89	27	25	Tues. 20	2 ·64	19 ·21	—29
26	Sat. 21	13 ·86	6 ·00	26	25	Thur. 20	—A ·94	13 ·87	28	26	Wed. 21	3 ·54	20 ·14	1
27	Sun. 22	14 ·90	7 ·08	27	26	Fri. 21	1 ·87	14 ·84	29	27	Thur. 22	4 ·46	21 ·08	2
28	Mon. 23	—A ·94	8 ·15	28	27	Sat. 22	2 ·79	15 ·79	—30				22 ·02 }	
29	Tues. 24	1 ·95	9 ·20	--29	28	Sun. 23	3 ·70	16 ·73	1	28	Fri. 23	5 ·39	23 ·99 }	3
30	Wed. 25	2 ·94	10 ·24	1	29	Mon. 24	4 ·61	17 ·66	2	—29	Sat. 24	6 ·33	24 ·96	4
—31	Thur. 26	3 ·90	11 ·25	::	30	Tues. 25	5 ·51	18 ·59	3	1	Sun. 25	7 ·27	25 ·94	5
1	Fri. 27	4 ·85	12 ·24	3	—31	Wed. 26	6 ·41	19 ·53	4	2	Mon. 26	8 ·25	26 ·95	6
2	Sat. 28	5 ·78	13 ·21	4	1	Thur. 27	7 ·32	20 ·46	5	3	Tues. 27	9 ·24	27 ·98	7
3	Sun. 29	6 ·69	14 ·16	5	2	Fri. 28	8 ·23	21 ·40	6	4	Wed. 28	10 ·25	... ...	8
4	Mon. 30	7 ·60	15 ·11	6	3	Sat. 29	9 ·15	22 ·35	7	5	Thur. 29	11 ·29	1 ·03	9
5	Tues. 31	8 ·51	16 ·06 } 17 ·99 }	7	4	Sun. 30	10 ·08	23 ·31	8	6	Fri. 30	12 ·34	2 ·10	10
	Aug.					**Oct.**					**Dec.**			
Pramāthin.					*Pramāthin.*					*Pramāthin.*				
Siṁha—Āvaṇi.					**Tulā—Aippaśi.**					**Dhanus—Mārgaḷi.**				
6	Wed. 1	9 ·41	18 ·92	8	5	Mon. 1	11 ·03 } 12 ·99 }	24 ·30	9	7	Sat. 1	13 ·41	3 ·19	H. 431 *Muharram.* 11
7	Thur. 2	10 ·31	19 ·85	9						8	Sun. 2	14 ·49	4 ·28	12
8	Fri. 3	11 ·21	20 ·78	10	6	Tues. 2	13 ·97	25 ·30	10	9	Mon. 3	P ·58	5 ·39	13
9	Sat. 4	12 ·11	21 ·73	11	7	Wed. 3	14 ·99	26 ·31	11	10	Tues. 4	1 ·67	6 ·51	14
10	Sun. 5	13 ·02 } 14 ·96 }	22 ·69	12	8	Thur. 4	... ...	27 ·35	12	11	Wed. 5	2 ·75	7 ·61	15
					9	Fri. 5	P ·01	1 ·41	13	12	Thur. 6	3 ·82	8 ·69	16
11	Mon. 6	P ·91	23 ·66	13	10	Sat. 6	1 ·07	2 ·48	14	13	Fri. 7	4 ·86	9 ·77	17
12	Tues. 7	1 ·87	24 ·64	14	11	Sun. 7	2 ·13	3 ·59	15	14	Sat. 8	5 ·90	10 ·82	18
13	Wed. 8	2 ·86	25 ·65	15	12	Mon. 8	3 ·19	4 ·69	16	15	Sun. 9	6 ·91	11 ·86	19
14	Thur. 9	3 ·87	26 ·68	16	13	Tues. 9	4 ·28	5 ·79	17	16	Mon. 10	7 ·90	12 ·87	20
15	Fri. 10	4 ·88	27 ·73	17	14	Wed. 10	5 ·38	6 ·90	18	17	Tues. 11	8 ·86	13 ·86	21
16	Sat. 11	5 ·92	1 ·80	18	15	Thur. 11	6 ·46	7 ·99	19	18	Wed. 12	9 ·81	14 ·84	22
17	Sun. 12	6 ·98	2 ·88	19	16	Fri. 12	7 ·53	... ...	20	19	Thur. 13	10 ·75	15 ·79	23
18	Mon. 13	... ...	3 ·98	20	17	Sat. 13	8 ·58	8 ·08	21	20	Fri. 14	11 ·67	16 ·74	24
19	Tues. 14	7 ·05	... ...	21	18	Sun. 14	9 ·62	9 ·15	22	21	Sat. 15	12 ·58	17 ·69	25
20	Wed. 15	8 ·13	4 ·09	22	19	Mon. 15	10 ·63	10 ·19	23	22	Sun. 16	13 ·49	18 ·62	26
21	Thur. 16	9 ·22	5 ·20	23	20	Tues. 16	11 ·62	11 ·21	24	23	Mon. 17	14 ·40	19 ·55	27
22	Fri. 17	10 ·31	6 ·30	24	21	Wed. 17	12 ·59	12 ·21	25	24	Tues. 18	—A ·30	20 ·48	28
23	Sat. 18	11 ·38	7 ·39	25	22	Thur. 18	13 ·55	13 ·21	26	25	Wed. 19	1 ·20	21 ·41	29
24	Sun. 19	12 ·42	8 ·46	26	23	Fri. 19	14 ·48	14 ·17	27	26	Thur. 20	2 ·11	22 ·36	—30
25	Mon. 20	13 ·46	9 ·52	27	24	Sat. 20	--A ·40	15 ·13	28			3 ·03 }		
26	Tues. 21	14 ·47	10 ·56	28	25	Sun. 21	1 ·31	16 ·07	29	27	Fri. 21	4 ·97 }	23 ·32	1
27	Wed. ● 22	—A ·46	11 ·57	29				17 ·00 }		28	Sat. 22	5 ·92	24 ·28	2
28	Thur. 23	1 ·43	12 ·56	—30	26	Mon. 22	2 ·22	18 ·94 }	—30	29	Sun. 23	6 ·90	25 ·27	3
29	Fri. 24	2 ·39	13 ·54	1	27	Tues. 23	3 ·12	19 ·87	1					
30	Sat. 25	3 ·31	14 ·50	2			4 ·02 }			1	Mon. 24	7 ·88	26 ·27	4
31	Sun. 26	4 ·23	15 ·46	3	28	Wed. 24	5 ·92 }	20 ·80		2	Tues. 25	8 ·90	27 ·30	5
Pramāthin.					29	Thur. 25	6 ·84	21 ·74	H. 431 *Ṣafar.* 3	3	Wed. 26	9 ·93	1 ·34	6
Kan.—Pur.					—30	Fri. 26	7 ·76	22 ·69	4	4	Thur. 27	10 ·99	2 ·41	7
1	Mon. 27	5 ·14	16 ·39	4	1	Sat. 27	8 ·68	23 ·64	5	5	Fri. 28	... ...	3 ·49	8
2	Tues. 28	6 ·04 } 7 ·94 }	17 ·32	5	2	Sun. 28	9 ·64	24 ·63	6	6	Sat. 29	11 ·06	4 ·58	9
3	Wed. 29	8 ·84	18 ·25	6	3	Mon. 29	10 ·61	25 ·62	7	7	Sun. 30	12 ·14	5 ·70	10
4	Thur. 30	9 ·74	19 ·18	7	4	Tues. 30	11 ·60	26 ·63	8	8	Mon. 31	13 ·23	6 ·80	11
5	Fri. 31	10 ·65	20 ·13	8	5	Wed. 31	12 ·61	27 ·66	9					

Śukla. *Bahula.* *Pausha.* *H. 431 Rabī-ul awwal.* *H. 431 Rabī-ul ākhir.* *H. 431 Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1040. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·09.** **Śaka 962.** **Kaliyuga 4141.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·05.** **(S. Cycle) Vikrama.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Pramāthin.	Tues. 1	Pausha. P ·41	7 ·91	12	9	Sat. 1	P ·76	12 ·83	13	9	Thur. 1	2 ·44	18 ·32	15
10	Wed. 2	P ·41	... ...	13	10	Sun. 2	1 ·74	13 ·84	14	10	Fri. 2	3 ·34	19 ·25	16
11	Thur. 3	1 ·47	8 ·00	14	11	Mon. 3	2 ·70	14 ·83	15	11	Sat. 3	4 ·24	20 ·18	17
12	Fri. 4	2 ·50	9 ·07	15	12	Tues. 4	3 ·64	15 ·80	16	12	Sun. 4	5 ·14	21 ·11	18
13	Sat. 5	3 ·53	10 ·14	16	13	Wed. 5	4 ·58	16 ·76	17	13	Mon. 5	6 ·04	22 ·04	19
14	Sun. 6	4 ·55	11 ·18	17	14	Thur. 6	5 ·49	17 ·70	18			7 ·94	23 ·99	
15	Mon. 7	5 ·54	12 ·19	18	15	Fri. 7	6 ·40	18 ·63	19	14	Tues. 6	8 ·87	24 ·94	20
16	Tues. 8	6 ·50	13 ·19	19	16	Sat. 8	7 ·30	19 ·57	20	15	Wed. 7	9 ·81	25 ·91	21
17	Wed. 9	7 ·45	14 ·16	20	17	Sun. 9	8 ·20	20 ·50	21	16	Thur. 8	10 ·75	26 ·89	22
18	Thur. 10	8 ·37	15 ·13	21	18	Mon. 10	9 ·10	21 ·43	22	17	Fri. 9	11 ·72	27 ·89	23
19	Fri. 11	9 ·29	16 ·09	22	19	Tues. 11	10 ·00	22 ·37	23	18	Sat. 10	12 ·70	1 ·92	24
20	Sat. 12	10 ·20	17 ·02	23			11 ·91			19	Sun. 11	13 ·71	2 ·96	25
21	Sun. 13	11 ·11	18 ·96	24	20	Wed. 12	12 ·84	23 ·31	24	20	Mon. 12	14 ·73	... ...	26
22	Mon. 14	12 ·02	19 ·89	25	21	Thur. 13	13 ·77	24 ·28	25	21	Tues. 13	—A ·78	3 ·02	27
		13 ·92	20 ·82		22	Fri. 14	14 ·72	25 ·25	26	22	Wed. 14	1 ·86	4 ·10	28
23	Tues. 15	14 ·82	21 ·76	26	23	Sat. 15	—A ·69	26 ·24	27	23	Thur. 15	2 ·94	5 ·19	29
24	Wed. 16	—A ·72	22 ·70	27	24	Sun. 16	1 ·68	27 ·25	28	24	Fri. 16	... ...	6 ·30	1
25	Thur. 17	1 ·66	23 ·65	28	25	Mon. 17	2 ·69	1 ·28	29	25	Sat. 17	3 ·02	7 ·41	2
26	Fri. 18	2 ·60	24 ·61	29	26	Tues. 18	3 ·72	2 ·33	1	26	Sun. 18	4 ·09	8 ·51	3
27	Sat. 19	3 ·55	25 ·59	1	27	Wed. 19	4 ·78	3 ·41	2	27	Mon. 19	5 ·16	9 ·61	4
28	Sun. 20	4 ·53	26 ·60	2	28	Thur. 20	5 ·85	4 ·49	3	28	Tues. 20	6 ·22	10 ·68	5
29	Mon. 21	5 ·51	27 ·62	3	29	Fri. 21	6 ·93	5 ·59	4	29	Wed. 21	7 ·27	11 ·75	6
30	Tues. 22	6 ·54	1 ·65	4	30	Sat. 22	... ...	6 ·70	5	30	Thur. 22	8 ·30	12 ·79	7
1	Wed. 23	7 ·57	2 ·71	5	1	Sun. 23	7 ·02	7 ·81	6	31	Fri. 23	9 ·30	13 ·81	8
2	Thur. 24	8 ·63	3 ·79	6	2	Mon. 24	8 ·11	8 ·91	7	1	Sat. 24	10 ·28	14 ·81	9
3	Fri. 25	9 ·69	4 ·89	7	3	Tues. 25	9 ·20	... ...	8	2	Sun. 25	11 ·24	15 ·79	10
4	Sat. 26	10 ·77	... ...	8	4	Wed. 26	10 ·24	9 ·00	9	3	Mon. 26	12 ·19	16 ·75	11
5	Sun. 27	11 ·86	5 ·00	9	5	Thur. 27	11 ·28	10 ·07	10	4	Tues. 27	13 ·11	17 ·72	12
6	Mon. 28	12 ·95	6 ·10	10	6	Fri. 28	12 ·29	11 ·12	11	5	Wed. 28	14 ·02	18 ·66	13
7	Tues. 29	... ...	7 ·20	11	7	Sat. 29	13 ·30	12 ·15	12			P ·93		
8	Wed. 30	13 ·03	8 ·30	12	8	Sun. 30	14 ·28	13 ·17	13	6	Thur. 29	1 ·83	19 ·59	14
9	Thur. 31	14 ·09	9 ·38	13	9	Mon. 31	P ·25	14 ·16	14	7	Fri. 30	2 ·73	20 ·52	15
										8	Sat. 31	3 ·63	21 ·45	16
	Feb.					**April.**					**June.**			
Pramāthin.	Fri. 1	Māgha. P ·15	10 ·45	14	10	Tues. 1	1 ·19	15 ·13	15	9	Sun. 1	4 ·53	22 ·39	17
11	Sat. 2	1 ·16	11 ·49	15	11	Wed. 2	2 ·12	16 ·09	16	10	Mon. 2	5 ·43	23 ·39	18
12	Sun. 3	2 ·16	12 ·51	16	12	Thur. 3	3 ·05	17 ·03	17	11	Tues. 3	6 ·35	24 ·28	19
13	Mon. 4	3 ·16	13 ·51	17			4 ·94	18 ·98		12	Wed. 4	7 ·28	25 ·24	20
14	Tues. 5	4 ·12	14 ·49	18	13	Fri. 4	5 ·84	19 ·91	18	13	Thur. 5	8 ·22	26 ·21	21
15	Wed. 6	5 ·06	15 ·47	19	14	Sat. 5	6 ·74	20 ·84	19	14	Fri. 6	9 ·20	27 ·22	22
		6 ·99			15	Sun. 6	7 ·64	21 ·77	20	15	Sat. 7	10 ·18	1 ·23	23
16	Thur. 7	7 ·92	16 ·42	20	16	Mon. 7	8 ·54	22 ·71	21	16	Sun. 8	11 ·19	2 ·27	24
17	Fri. 8	8 ·82	17 ·36	21	17	Tues. 8	9 ·45	23 ·65	22	17	Mon. 9	12 ·21	3 ·32	25
18	Sat. 9	9 ·72	18 ·30	22	18	Wed. 9	10 ·36	24 ·61	23	18	Tues. 10	13 ·26	4 ·40	26
19	Sun. 10	10 ·62	19 ·22	23	19	Thur. 10	11 ·30	25 ·58	24	19	Wed. 11	14 ·32	5 ·50	27
20	Mon. 11	11 ·53	20 ·16	24	20	Fri. 11	12 ·25	26 ·56	25	20	Thur. 12	—A ·40	6 ·60	28
21	Tues. 12	12 ·44	21 ·10	25	21	Sat. 12	13 ·22	27 ·57	26	21	Fri. 13	1 ·49	7 ·71	29
22	Wed. 13	13 ·35	22 ·03	26	22	Sun. 13	14 ·21	1 ·59	27	22	Sat. 14	2 ·58	8 ·81	—30
			23 ·98		23	Mon. 14	—A ·21	2 ·65	28	23	Sun. 15	3 ·65	9 ·91	1
23	Thur. 14	14 ·27	24 ·94	27	24	Tues. 15	1 ·25	3 ·71	29	24	Mon. 16	4 ·71	... ...	2
24	Fri. ● 15	—A ·20	25 ·93	28	25	Wed. 16	2 ·30	4 ·79	—30	25	Tues. 17	5 ·76	10 ·00	3
25	Sat. 16	1 ·16	26 ·92	29	26	Thur. 17	3 ·37	5 ·89	1	26	Wed. 18	6 ·77	11 ·06	4
26	Sun. 17	2 ·13	27 ·93	—30	27	Fri. 18	4 ·45	... ...	2	27	Thur. 19	7 ·77	12 ·11	5
27	Mon. 18	3 ·11	1 ·97	1	28	Sat. 19	5 ·53	6 ·00	3	28	Fri. 20	8 ·76	13 ·13	6
28	Tues. 19	4 ·13	... ...	2	29	Sun. 20	6 ·61	7 ·11	4	29	Sat. 21	9 ·72	14 ·14	7
29	Wed. 20	5 ·16	2 ·02	3	30	Mon. 21	7 ·68	8 ·21	5	30	Sun. 22	10 ·66	15 ·12	8
30	Thur. 21	6 ·22	3 ·10	4	31	Tues. 22	8 ·75	9 ·30	6	31	Mon. 23	11 ·59	16 ·10	9
1	Fri. 22	7 ·29	4 ·19	5	1	Wed. 23	9 ·80	10 ·38	7	32	Tues. 24	12 ·51	17 ·05	10
2	Sat. 23	8 ·38	5 ·29	6	2	Thur. 24	10 ·82	11 ·43	8				18 ·99	
3	Sun. 24	9 ·47	6 ·40	7	3	Fri. 25	11 ·81	12 ·48	9	1	Wed. 25	13 ·42	19 ·93	11
4	Mon. 25	10 ·55	7 ·50	8	4	Sat. 26	12 ·79	13 ·49	10	2	Thur. 26	14 ·32	20 ·86	12
5	Tues. 26	11 ·62	8 ·60	9	5	Sun. 27	13 ·76	14 ·49	11	3	Fri. 27	P ·22	21 ·80	13
6	Wed. 27	12 ·68	9 ·70	10	6	Mon. 28	14 ·69	15 ·46	12	4	Sat. 28	1 ·12	22 ·73	14
7	Thur. 28	13 ·74	10 ·76	11	7	Tues. 29	P ·62	16 ·42	13	5	Sun. 29	2 ·02	23 ·66	15
8	Fri. 29	14 ·76	11 ·81	12	8	Wed. 30	1 ·53	17 ·38	14	6	Mon. 30	3 ·92	24 ·61	16
		Phāl.					Vaiśākha.					Āshādha.		
		Sukla.					Sukla.					Sukla.		
		Kārt.—Ādi.					Pramāthin.					Vikrama.		
		Vikrama.					Mīna—Pāṅguni.					Mithuna—Āni.		
		Kumbha—Māsi.					Mēsha—Chittirai.					Vṛishabha—Vaigāsi.		

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1040. **Kollam 216,** { **N. Malabar—Aug.** **Hijra 432.** **Vikrama 1097.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 11.** **Bengal San. 446.**
P—Paurnimā. **(N. Cycle) Chitrabhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Tues.	1		5 ·77	25 ·67	17	7	Mon.	1	*Bahula.* 8 ·84	5 ·40	20	7	Sat.	1	*Bahula.* 9 ·46	11 ·61	22
8	Wed.	2		6 ·71	26 ·55	18	8	Tues.	2	9 ·92	6 ·50	21	8	Sun.	2	10 ·52	12 ·68	23
9	Thur.	3		7 ·68	27 ·54	19	9	Wed.	3	... ·...	7 ·60	22	9	Mon.	3	11 ·54	13 ·72	24
10	Fri.	4		8 ·66	1 ·55	20	10	Thur.	4	10 ·00	8 ·72	23	10	Tues.	4	12 ·54	14 ·75	25
11	Sat.	5		9 ·68	2 ·58	21	11	Fri.	5	11 ·09	9 ·82	24	11	Wed.	5	13 ·54	15 ·76	26
12	Sun.	6		10 ·70	3 ·63	22	12	Sat.	6	12 ·17	10 ·91	25	12	Thur.	6	14 ·50	16 ·74	27
13	Mon.	7		11 ·74	4 ·71	23	13	Sun.	7	13 ·25	11 ·99	26	13	Fri.	7	—**A** ·45	17 ·72	28
14	Tues.	8		12 ·80	5 ·80	24	14	Mon.	8	14 ·29	... ·..	27	14	Sat.	8	1 ·38	18 ·68	—29
15	Wed.	9		13 ·88	6 ·90	25	15	Tues.	9	—**A** ·32	12 ·05	28	15	Sun.	9	2 ·31	19 ·62	1
16	Thur.	10		14 ·96	... ·...	26	16	Wed.	10	1 ·33	13 ·10	29	16	Mon.	10	3 ·22	20 ·56	2
17	Fri.	11		... ·...	7 ·00	27	17	Thur.	11	2 ·31	14 ·11	1	17	Tues.	11	4 ·13	21 ·49	3
18	Sat.	12		—**A** ·04	8 ·11	28	18	Fri.	12	3 ·29	15 ·11	2	18	Wed.	12	5 ·03	22 ·43	4
19	Sun.	13		1 ·13	9 ·21	—29	19	Sat.	13	4 ·24	16 ·09	3				6 ·93		
20	Mon.	14		2 ·19	10 ·31	1	20	Sun.	14	*Sukla.* 5 ·18	17 ·05	4	19	Thur.	13	7 ·83	23 ·36	5
21	Tues.	15		3 ·23	11 ·37	2	21	Mon.	15	6 ·09	18 ·01	5	20	Fri.	14	8 ·75	24 ·29	6
22	Wed.	16		4 ·26	12 ·42	3					19 ·95		21	Sat.	15	9 ·68	25 ·24	7
23	Thur.	17		5 ·27	13 ·45	4	22	Tues.	16	7 ·00	20 ·88	6	22	Sun.	16	10 ·61	26 ·19	8
24	Fri.	18		6 ·25	14 ·46	5				8 ·90			23	Mon.	17	11 ·56	27 ·17	9
25	Sat.	19		7 ·20	15 ·46	6	23	Wed.	17	9 ·80	21 ·81	7	24	Tues.	18	12 ·54	1 ·16	10
26	Sun.	20		8 ·15	16 ·43	7	24	Thur.	18	10 ·70	22 ·74	8	25	Wed.	19	13 ·52	2 ·17	11
27	Mon.	21		9 ·09	17 ·38	8	25	Fri.	19	11 ·60	23 ·68	9	26	Thur.	20	14 ·54	3 ·20	12
28	Tues.	22		10 ·01	18 ·33	9	26	Sat.	20	12 ·52	24 ·62	10	27	Fri.	21	**P** ·58	4 ·24	13
				11 ·92			27	Sun.	21	13 ·44	25 ·57	11	28	Sat.	22	1 ·63	5 ·32	14
29	Wed.	23		12 ·81	19 ·27	10	28	Mon.	22	14 ·37	26 ·53	12	—29	Sun.	23	2 ·70	6 ·41	15
30	Thur.	24		13 ·71	20 ·21	11	29	Tues.	23	**P** ·31	27 ·51	13	1	Mon.	24	3 ·79	7 ·50	16
—31	Fri.	25		14 ·61	21 ·14	12	30	Wed.	24	1 ·28	1 ·51	14	2	Tues.	25	4 ·88	8 ·61	17
1	Sat.	26		**P** ·51	22 ·07	13	—31	Thur.	25	2 ·28	2 ·53	15	3	Wed.	26	5 ·96	9 ·72	18
					23 ·00		1	Fri.	26	3 ·30	3 ·57	16	4	Thur.	27	... ·...	10 ·83	19
2	Sun.	27		1 ·42	24 ·94	14	2	Sat.	27	4 ·32	4 ·63	17	5	Fri.	28	6 ·04	11 ·91	20
3	Mon.	28		2 ·34	25 ·91	15	3	Sun.	28	5 ·37	5 ·70	18	6	Sat.	29	7 ·11	12 ·99	21
4	Tues.	29		3 ·27	26 ·88	16	4	Mon.	29	6 ·44	6 ·80	19	7	Sun.	30	8 ·16	... ·...	22
5	Wed.	30		4 ·21	27 ·86	17	5	Tues.	30	7 ·51	7 ·91	20						
6	Thur.	31		5 ·18	1 ·87	18												
	Aug.						**Oct.**						**Dec.**					
7	Fri.	1		6 ·17	2 ·87	19	6	Wed.	1	*Bahula.* 8 ·59	... ·...	21	8	Mon.	1	9 ·18	13 ·04	23
8	Sat.	2		7 ·17	3 ·95	20	7	Thur.	2	9 ·69	8 ·01	22	9	Tues.	2	10 ·20	14 ·07	24
9	Sun.	3		8 ·19	... ·...	21	8	Fri.	3	10 ·78	9 ·12	23	10	Wed.	3	11 ·18	15 ·08	25
10	Mon.	4		9 ·24	4 ·02	22	9	Sat.	4	11 ·84	10 ·21	24	11	Thur.	4	12 ·15	16 ·08	26
11	Tues.	5		10 ·31	5 ·10	23	10	Sun.	5	12 ·88	11 ·30	25	12	Fri.	5	13 ·09	17 ·05	27
12	Wed.	6		11 ·38	6 ·20	24	11	Mon.	6	13 ·91	12 ·37	26				14 ·03	18 ·01	
13	Thur.	7		12 ·46	7 ·30	25	12	Tues.	7	14 ·92	13 ·41	27	13	Sat.	6	**A** ·95	19 ·96	28
14	Fri.	8		13 ·55	8 ·41	26	13	Wed.	8	—**A** ·91	14 ·43	28	14	Sun.	7	1 ·86	20 ·90	29
15	Sat.	9		14 ·64	9 ·52	27	14	Thur.	9	1 ·88	15 ·43	29	15	Mon.	8	2 ·77	21 ·84	—30
16	Sun.	10		**A** ·70	10 ·61	28	15	Fri.	10	2 ·84	16 ·42	—30	16	Tues.	9	3 ·67	22 ·77	1
17	Mon.	11		1 ·74	11 ·68	29	16	Sat.	11	3 ·77	17 ·39	1	17	Wed.	10	4 ·57	23 ·70	2
18	Tues.	12		2 ·76	12 ·74	—30	17	Sun.	12	4 ·69	18 ·35	2	18	Thur.	11	5 ·47	24 ·63	3
19	Wed.	13		3 ·78	13 ·77	1	18	Mon.	13	5 ·60	19 ·29	3	19	Fri.	12	6 ·39	25 ·57	4
20	Thur.	14		4 ·76	14 ·79	2	19	Tues.	14	*Sukla.* 6 ·50	20 ·22	4	20	Sat.	13	7 ·31	26 ·54	5
21	Fri.	15		5 ·74	15 ·78	3	20	Wed.	15	7 ·40	21 ·15	5	21	Sun.	14	8 ·26	27 ·50	6
22	Sat.	16		6 ·68	16 ·76	4	21	Thur.	16	8 ·30	22 ·08	6	22	Mon.	15	9 ·21	1 ·49	7
23	Sun.	17		7 ·62	17 ·72	5					23 ·02		23	Tues.	16	10 ·18	2 ·49	8
24	Mon.	18		8 ·53	18 ·66	6	22	Fri.	17	9 ·21	24 ·96	7	24	Wed.	17	11 ·18	3 ·51	9
25	Tues.	19		9 ·44	19 ·61	7	23	Sat.	18	10 ·13	25 ·91	8	25	Thur.	18	12 ·19	4 ·56	10
26	Wed.	20		10 ·34	20 ·54	8				11 ·06			26	Fri.	19	13 ·23	5 ·63	11
27	Thur.	21		11 ·24	21 ·47	9	24	Sun.	19	12 ·99	26 ·86	9	27	Sat.	20	14 ·28	6 ·71	12
28	Fri.	22		12 ·14	22 ·40	10	25	Mon.	20	13 ·92	27 ·84	10	28	Sun.	21	**P** ·36	7 ·80	13
				13 ·04			26	Tues.	21	14 ·90	1 ·84	11	29	Mon.	22	1 ·44	8 ·90	14
29	Sat.	23		14 ·95	23 ·34	11	27	Wed.	22	**P** ·88	2 ·85	12	—30	Tues.	23	2 ·53	... ·...	15
30	Sun.	24		**P** ·87	24 ·29	12	28	Thur.	23	1 ·91	3 ·88	13	1	Wed.	24	3 ·62	9 ·01	16
—31	Mon.	25		1 ·80	25 ·24	13	29	Fri.	24	2 ·94	4 ·94	14	2	Thur.	25	4 ·70	10 ·13	17
1	Tues.	26		2 ·74	26 ·21	14	—30	Sat.	25	3 ·98	... ·...	15	3	Fri.	26	5 ·76	11 ·22	18
2	Wed.	27		3 ·71	27 ·19	15	1	Sun.	26	... ·...	5 ·01	16	4	Sat.	27	6 ·80	12 ·29	19
3	Thur.	28		4 ·70	1 ·19	16	2	Mon.	27	4 ·05	6 ·11	17	5	Sun.	28	7 ·82	13 ·35	20
4	Fri.	29		5 ·72	2 ·21	17	3	Tues.	28	5 ·13	7 ·21	18	6	Mon.	29	8 ·83	14 ·39	21
5	Sat.	30		6 ·74	3 ·26	18	4	Wed.	29	6 ·22	8 ·31	19	7	Tues.	30	9 ·81	15 ·41	22
6	Sun.	31		7 ·78	4 ·32	19	5	Thur.	30	7 ·31	9 ·42	20	8	Wed.	31	10 ·79	16 ·41	23
							6	Fri.	31	8 ·39	10 ·52	21						

Vikrama. **Karkataka—Ādi.** *Śaka.* **Āsh.** *Śaunāl.* *H.* 431 *Zi-l-ka'da.* *H.* 432 *Muharram.* *Śafar.* *H.* 432 *Rabi-ul awwal.* *Rabi-us sānir.*
Vikrama. **Simha—Āvani.** *Śaka.* **Bhādrapada.** *Zi-l-hijja.*
Vikrama. **Kan.—Pur.** *Śaka.*
Vikrama. **Tulā—Aippasi.** *Śaka.* **Kārttika.**
Vikrama. **Kanyā—Purattāsi.** *Śaka.* **Āśvina.**
Vikrama. **Vriśchika—Kārttigai.** *Śaka.* **Mārgaśirsha.**
Vikrama. **Dhanus—Mārgali.** *Śaka.* **Pausha.**
Vikrama. **Makara—Tai.** *Śaka.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1041. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·35.** **Śaka 963.** **Kaliyuga 4142.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·31.** **(S. Cycle) Vṛisha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Thur. 1	11 ·74	17 ·38	24	9	Sun. 1	11 ·60	22 ·78	24	9	Fri. 1	13 ·12	1 ·13	26
10	Fri. 2	12 ·67	18 ·35	25	10	Mon. 2	12 ·50	23 ·72	25	10	Sat. 2	14 ·08	2 ·11	27
11	Sat. 3	13 ·58	19 ·29	26	11	Tues. 3	13 ·40	24 ·65	26	11	Sun. 3	—A ·05	3 ·11	28
12	Sun. 4	14 ·49	20 ·24	27	12	Wed. 4	14 ·31	25 ·59	27	12	Mon. 4	1 ·03	4 ·18	—29
13	Mon. 5	—A ·40	21 ·18	28	13	Thur. 5	—A ·22	26 ·53	28	13	Tues. 5	2 ·04	5 ·18	1
14	Tues. 6	1 ·30	22 ·11	—29	14	Fri. 6	1 ·13	27 ·49	—29	14	Wed. 6	3 ·08	6 ·24	2
15	Wed. 7	2 ·20	23 ·04 / 24 ·97	1	15	Sat. 7	2 ·07	1 ·46	1	15	Thur. 7	4 ·13	7 ·32	3
16	Thur. 8	3 ·11	25 ·92	2	16	Sun. 8	3 ·03	2 ·46	2	16	Fri. 8	5 ·19	8 ·41	4
17	Fri. 9	4 ·03 / 5 ·95	26 ·87	3	17	Mon. 9	4 ·01 / 5 ·99	3 ·47	3	17	Sat. 9	6 ·27	9 ·51	5
18	Sat. 10	6 ·90	27 ·83	4	18	Tues. 10	:: ...	4 ·50	4	18	Sun. 10	7 ·36	10 ·63	6
19	Sun. 11	7 ·86	1 ·81	5	19	Wed. 11	6 ·02	5 ·55	5	19	Mon. 11	8 ·44	11 ·73	7
20	Mon. 12	8 ·82	2 ·81	6	20	Thur. 12	7 ·05	6 ·62	6	20	Tues. 12	9 ·51	12 ·83	8
21	Tues. 13	9 ·81	3 ·84	7	21	Fri. 13	8 ·11	7 ·71	7	21	Wed. 13	10 ·56	13 ·90	9
22	Wed. 14	10 ·82	4 ·87	8	22	Sat. 14	9 ·18	8 ·81	8	22	Thur. 14	11 ·60	14 ·96	10
23	Thur. 15	11 ·87	5 ·94	9	23	Sun. 15	10 ·26	9 ·92	9	23	Fri. 15	12 ·63	... ...	11
24	Fri. 16	12 ·92	... ...	10	24	Mon. 16	11 ·34	:: ...	10	24	Sat. 16	13 ·63	15 ·00	12
25	Sat. 17	... ...	6 ·01	11	25	Tues. 17	12 ·42	10 ·02	11	25	Sun. 17	14 ·61	16 ·03	13
26	Sun. 18	13 ·00	7 ·10	12	26	Wed. 18	13 ·50	11 ·12	12	26	Mon. 18	P ·57	17 ·03	14
27	Mon. 19	14 ·08	8 ·21	13	27	Thur. 19	14 ·55	12 ·22	13	27	Tues. 19	1 ·51	18 ·01 / 19 ·97	15
28	Tues. ○ 20	P ·16	9 ·32	14	28	Fri. 20	P ·60	13 ·29	14	28	Wed. 20	2 ·44	20 ·93	16
29	Wed. 21	1 ·25	10 ·43	15	29	Sat. 21	1 ·61	14 ·34	15	29	Thur. 21	3 ·35	21 ·88	17
1	Thur. 22	2 ·33	11 ·52	16	—30	Sun. 22	2 ·61	15 ·37	16	30	Fri. 22	4 ·25	22 ·81	18
2	Fri. 23	3 ·40	12 ·60	17	1	Mon. 23	3 ·60	16 ·38	17	31	Sat. 23	5 ·15	23 ·74	19
3	Sat. 24	4 ·44	13 ·66	18	2	Tues. 24	4 ·56	17 ·38	18	—32	Sun. 24	6 ·05 / 7 ·95	24 ·67	20
4	Sun. 25	5 ·46	14 ·71	19	3	Wed. 25	5 ·50	18 ·35	19	1	Mon. 25	8 ·85	25 ·60	21
5	Mon. 26	6 ·46	15 ·73	20	4	Thur. 26	6 ·48	19 ·31	20	2	Tues. 26	9 ·76	26 ·55	22
6	Tues. 27	7 ·44	16 ·73	21	5	Fri. 27	7 ·34	20 ·25	21	3	Wed. 27	10 ·67	27 ·50	23
7	Wed. 28	8 ·41	17 ·71	22	6	Sat. 28	8 ·24	21 ·19	22	4	Thur. 28	11 ·60	1 ·46	24
8	Thur. 29	9 ·35	18 ·68	23	7	Sun. 29	9 ·14	22 ·12	23	5	Fri. 29	12 ·56	2 ·43	25
9	Fri. 30	10 ·29	19 ·64	24	8	Mon. 30	10 ·04 / 11 ·94	23 ·06 / 24 ·99	24	6	Sat. 30	13 ·52	3 ·43	26
10	Sat. 31	11 ·21	20 ·58	25	9	Tues. 31	12 ·85	25 ·93	25	7	Sun. 31	14 ·51	4 ·45	27
	Feb.					**April.**					**June.**			
11	Sun. 1	12 ·11	21 ·51	26	10	Wed. 1	13 ·76	26 ·87	26	8	Mon. 1	—A ·52	5 ·49	28
12	Mon. 2	13 ·01 / 14 ·91	22 ·44	27	11	Thur. 2	14 ·68	27 ·82	27	9	Tues. 2	1 ·55	6 ·54	29
13	Tues. 3	—A ·82	23 ·37	28	12	Fri. 3	—A ·61	1 ·80	28	10	Wed. 3	2 ·60	7 ·62	—30
14	Wed. 4	1 ·73	24 ·32	29	13	Sat. 4	1 ·57	2 ·78	29	11	Thur. 4	3 ·67	8 ·71	1
15	Thur. 5	2 ·64	25 ·25	—30	14	Sun. 5	2 ·54	3 ·79	—30	12	Fri. 5	4 ·75	9 ·81	2
16	Fri. 6	3 ·55	26 ·20	1	15	Mon. 6	3 ·52	4 ·81	1	13	Sat. 6	5 ·83	10 ·93	3
17	Sat. 7	4 ·49	27 ·16	2	16	Tues. 7	4 ·52	5 ·86	2	14	Sun. 7	6 ·91	... ...	4
18	Sun. 8	5 ·44	1 ·14	3	17	Wed. 8	5 ·57	6 ·93	3	15	Mon. 8	7 ·98	11 ·03	5
19	Mon. 9	6 ·43	2 ·13	4	18	Thur. 9	6 ·64	... ...	4	16	Tues. 9	:: ...	12 ·13	6
20	Tues. 10	7 ·41	3 ·15	5	19	Fri. 10	7 ·71	7 ·01	5	17	Wed. 10	8 ·04	13 ·21	7
21	Wed. 11	8 ·43	4 ·19	6	20	Sat. 11	8 ·78	8 ·11	6	18	Thur. 11	9 ·08	14 ·27	8
22	Thur. 12	9 ·48	5 ·24	7	21	Sun. 12	9 ·86	9 ·22	7	19	Fri. 12	10 ·11	15 ·33	9
23	Fri. 13	10 ·53	6 ·31	8	22	Mon. 13	10 ·94	10 ·33	8	20	Sat. 13	11 ·10	16 ·35	10
24	Sat. 14	11 ·61	7 ·40	9	23	Tues. 14	... ...	11 ·43	9	21	Sun. 14	12 ·08	17 ·36	11
25	Sun. 15	12 ·69	8 ·51	10	24	Wed. 15	11 ·02	12 ·52	10	22	Mon. 15	13 ·05 / 14 ·99	18 ·34	12
26	Mon. 16	13 ·78	9 ·62	11	25	Thur. 16	12 ·08	13 ·60	11	23	Tues. 16	P ·92	19 ·31	13
27	Tues. 17	14 ·86	10 ·73	12	26	Fri. 17	13 ·12	14 ·65	12	24	Wed. 17	1 ·83	20 ·27	14
28	Wed. 18	P ·93	11 ·82	13	27	Sat. 18	14 ·13	15 ·69	13	25	Thur. 18	2 ·74	21 ·21	15
29	Thur. 19	1 ·99	12 ·91	14	28	Sun. 19	P ·14	16 ·71	14	26	Fri. 19	3 ·63	22 ·15	16
30	Fri. 20	:: ...	13 ·98	15	29	Mon. 20	1 ·12	17 ·71	15	27	Sat. 20	4 ·52	23 ·08	17
1	Sat. 21	2 ·03	... ...	16	30	Tues. 21	2 ·07	18 ·68	16	28	Sun. 21	5 ·42	24 ·01 / 25 ·95	18
2	Sun. 22	3 ·07	14 ·03	17	31	Wed. 22	3 ·01 / 4 ·95	19 ·64	17	29	Mon. 22	6 ·32	26 ·88	19
3	Mon. 23	4 ·08	15 ·05	18	1	Thur. 23	5 ·86	20 ·59	18	30	Tues. 23	7 ·23	27 ·83	20
4	Tues. 24	5 ·05	16 ·06	19	2	Fri. 24	6 ·76	21 ·53	19	—31	Wed. 24	8 ·15	1 ·79	21
5	Wed. 25	6 ·00 / 7 ·95	17 ·04	20	3	Sat. 25	7 ·66	22 ·47	20	1	Thur. 25	9 ·09	2 ·76	22
6	Thur. 26	8 ·88	18 ·02 / 19 ·97	21	4	Sun. 26	8 ·56	23 ·40	21	2	Fri. 26	10 ·03	3 ·76	23
7	Fri. 27	9 ·79	20 ·82	22	5	Mon. 27	9 ·46	24 ·33	22	3	Sat. 27	11 ·01 / 12 ·99	4 ·77	24
8	Sat. 28	10 ·70	21 ·85	23	6	Tues. 28	10 ·36	25 ·26	23	4	Sun. 28	:: ...	5 ·80	25
					7	Wed. 29	11 ·27	26 ·20	24	5	Mon. 29	13 ·00	6 ·85	26
					8	Thur. 30	12 ·18	27 ·16	25	6	Tues. 30	14 ·03	7 ·92	27

Vikrama. Makara—Tai. Kumbha—Māgh. Mīna—Phālguna. Vṛish.—Vaiśākha. Mēsha—Chittirai. Vṛish.—Vaigāśi. Mīna—Paṅguni. Vṛisha. Vṛishabha—Vaigāśi. Mithuna—Āni. Kark.—Ādi.

Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla.

H. 432 Jamādā'l awwal. H. 432 Rajab. H. 432 Sha'bān. H. 432 Ramazān. H. 432 Shawwāl.

Naksh:—1. Asvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phla. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1041. **Kollam 217,** { **N. Malabar—Aug.** **Hijra 433.** **Vikrama 1098.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 31.** **Bengal San. 447.**
P—Paurnimā. **(N. Cycle) Śubhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	—**A** ·07	... ...	28	6	Tues.	1	3 ·60	14 ·21	2	7	Sun.	1	5 ·68	21 ·90	4
8	Thur.	2	1 ·14	8 ·01	—29	7	Wed.	2	4 ·62	15 ·27	3	8	Mon.	2	6 ·60	22 ·84	5
9	Fri.	3	2 ·22	9 ·12	1	8	Thur.	3	5 ·64	16 ·31	4	9	Tues.	3	7 ·51	23 ·78	6
10	Sat.	4	3 ·30	10 ·23	2	9	Fri.	4	6 ·62	17 ·33	5	10	Wed.	4	8 ·40	24 ·71	7
11	Sun.	5	4 ·38	11 ·33	3	10	Sat.	5	7 ·59	18 ·33	6	11	Thur.	5	9 ·30	25 ·64	8
12	Mon.	6	5 ·46	12 ·43	4	11	Sun.	6	8 ·54	19 ·31	7	12	Fri.	6	10 ·21	26 ·58	9
13	Tues.	7	6 ·53	13 ·52	5	12	Mon.	7	9 ·46	20 ·27	8	13	Sat.	7	11 ·12	27 ·51	10
14	Wed.	8	7 ·56	14 ·59	6	13	Tues.	8	10 ·38	21 ·22	9	14	Sun.	8	12 ·03	1 ·46	11
15	Thur.	9	8 ·59	15 ·64	7	14	Wed.	9	11 ·29	22 ·16	10				13 ·94		
16	Fri.	10	9 ·59	16 ·67	8	15	Thur.	10	12 ·20	23 ·10	11	15	Mon.	9	14 ·89	2 ·41	12
17	Sat.	11	10 ·57	17 ·68	9	16	Fri.	11	13 ·10	24 ·03	12	16	Tues.	10	**P** ·84	3 ·38	13
18	Sun.	12	11 ·53	18 ·67	10					25 ·96		17	Wed.	11	1 ·81	4 ·38	14
19	Mon.	13	12 ·48	19 ·65	11	17	Sat.	12	14 ·00	26 ·89	13	18	Thur.	12	2 ·81	5 ·39	15
20	Tues.	14	13 ·41	20 ·60	12				**P** ·90			19	Fri.	13	3 ·82	6 ·42	16
21	Wed.	15	14 ·32	21 ·55	13	18	Sun.	13	1 ·81	27 ·83	14	20	Sat.	14	4 ·86	7 ·46	17
22	Thur.	16	**P** ·28	22 ·48	14	19	Mon.	14	2 ·74	1 ·79	15	21	Sun.	15	5 ·91	8 ·53	18
23	Fri.	17	1 ·13	23 ·41	15	20	Tues.	15	3 ·67	2 ·75	16	22	Mon.	16	6 ·99	9 ·63	19
			2 ·03			21	Wed.	16	4 ·62	3 ·73	17	23	Tues.	17	... ...	10 ·78	20
24	Sat.	18	3 ·93	24 ·35	16	22	Thur.	17	5 ·59	4 ·73	18	24	Wed.	18	7 ·07	11 ·83	21
25	Sun.	19	4 ·83	25 ·28	17	23	Fri.	18	6 ·58	5 ·74	19	25	Thur.	19	8 ·16	12 ·94	22
26	Mon.	20	5 ·73	26 ·22	18	24	Sat.	19	7 ·60	6 ·79	20	26	Fri.	20	9 ·26	... ...	23
27	Tues.	21	6 ·65	27 ·16	19	25	Sun.	20	8 ·62	7 ·85	21	27	Sat.	21	10 ·33	13 ·04	24
28	Wed.	22	7 ·59	1 ·12	20	26	Mon.	21	9 ·67	8 ·92	22	28	Sun.	22	11 ·39	14 ·12	25
29	Thur.	23	8 ·53	2 ·09	21	27	Tues.	22	10 ·73	... ...	23	29	Mon.	23	12 ·44	15 ·21	26
30	Fri.	24	9 ·50	3 ·08	22	28	Wed.	23	11 ·81	9 ·02	24	—30	Tues.	24	13 ·47	16 ·26	27
31	Sat.	25	10 ·48	4 ·09	23	29	Thur.	24	12 ·89	10 ·12	25	1	Wed.	25	14 ·47	17 ·29	28
—32	Sun.	26	11 ·50	5 ·11	24	—30	Fri.	25	13 ·93	11 ·23	26	2	Thur.	26	—**A** ·47	18 ·30	29
1	Mon.	27	12 ·52	6 ·16	25	1	Sat.	26	... ...	12 ·34	27	3	Fri.	27	1 ·43	19 ·29	—30
2	Tues.	28	13 ·57	7 ·23	26	2	Sun.	27	14 ·06	13 ·44	28	4	Sat.	28	2 ·37	20 ·27	1
3	Wed.	29	14 ·63	8 ·32	27	3	Mon.	28	—**A** ·13	14 ·52	29	5	Sun.	29	3 ·30	21 ·23	2
4	Thur.	30	—**A** ·71	9 ·42	28	4	Tues.	29	1 ·18	15 ·58	—30	6	Mon.	30	4 ·22	22 ·18	3
5	Fri.	31	1 ·79	10 ·52	29	5	Wed.	30	2 ·20	16 ·63	1						
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	2 ·88	11 ·63	—30	6	Thur.	1	3 ·22	17 ·65	2	7	Tues.	1	5 ·14	23 ·12	4
7	Sun.	2	3 ·96	12 ·73	1	7	Fri.	2	4 ·20	18 ·65	3	8	Wed.	2	6 ·04	24 ·05	5
8	Mon.	3	... ...	13 ·83	2	8	Sat.	3	5 ·17	19 ·64	4				7 ·94	25 ·99	
9	Tues.	4	4 ·02	14 ·90	3	9	Sun.	4	6 ·13	20 ·60	5	9	Thur.	3	8 ·84	26 ·92	6
10	Wed.	5	5 ·06	15 ·96	4	10	Mon.	5	7 ·05	21 ·55	6	10	Fri.	4	9 ·74	27 ·85	7
11	Thur.	6	6 ·08	16 ·99	5				8 ·97			11	Sat.	5	10 ·66	1 ·79	8
12	Fri.	7	7 ·09	... ...	6	11	Tues.	6	9 ·88	22 ·51	7	12	Sun.	6	11 ·59	2 ·75	9
13	Sat.	8	8 ·08	17 ·00	7	12	Wed.	7	10 ·78	23 ·44	8	13	Mon.	7	12 ·53	3 ·72	10
				18 ·00		13	Thur.	8	11 ·68	24 ·37	9	14	Tues.	8	13 ·48	4 ·71	11
14	Sun.	9	9 ·04	19 ·98	8	14	Fri.	9	12 ·59	25 ·30	10	15	Wed.	9	14 ·46	5 ·71	12
			10 ·00			15	Sat.	10	13 ·50	26 ·23	11	16	Thur.	10	**P** ·45	6 ·73	13
15	Mon.	10	11 ·92	20 ·94	9	16	Sun.	11	14 ·41	27 ·18	12	17	Fri.	11	1 ·47	7 ·77	14
16	Tues.	11	12 ·84	21 ·88	10	17	Mon.	12	**P** ·33	1 ·12	13	18	Sat.	12	2 ·51	8 ·84	15
17	Wed.	12	13 ·74	22 ·82	11	18	Tues.	13	1 ·26	2 ·08	14	19	Sun.	13	3 ·56	9 ·93	16
18	Thur.	13	14 ·64	23 ·76	12	19	Wed.	14	2 ·21	3 ·06	15	20	Mon.	14	4 ·64	... ...	17
19	Fri.	14	**P** ·54	24 ·69	13	20	Thur.	15	3 ·19	4 ·05	16	21	Tues.	15	5 ·72	10 ·02	18
20	Sat.	15	1 ·44	25 ·62	14	21	Fri.	16	4 ·18	5 ·07	17	22	Wed.	16	6 ·82	11 ·13	19
21	Sun.	16	2 ·35	26 ·56	15	22	Sat.	17	5 ·19	6 ·10	18	23	Thur.	17	7 ·90	12 ·24	20
22	Mon.	17	3 ·26	27 ·50	16	23	Sun.	18	6 ·22	7 ·16	19	24	Fri.	18	8 ·98	13 ·34	21
23	Tues.	18	4 ·18	1 ·45	17	24	Mon.	19	7 ·27	8 ·23	20	25	Sat.	19	... ...	14 ·44	22
24	Wed.	19	5 ·11	2 ·43	18	25	Tues.	20	8 ·35	9 ·32	21	26	Sun.	20	9 ·05	15 ·51	23
25	Thur.	20	6 ·05	3 ·41	19	26	Wed.	21	9 ·43	10 ·43	22	27	Mon.	21	10 ·08	16 ·57	24
26	Fri.	21	7 ·03	4 ·41	20	27	Thur.	22	10 ·51	11 ·53	23	28	Tues.	22	11 ·11	17 ·61	25
27	Sat.	22	8 ·01	5 ·43	21	28	Fri.	23	11 ·60	12 ·64	24	—29	Wed.	23	12 ·12	18 ·62	26
28	Sun.	23	9 ·02	6 ·47	22	29	Sat.	24	12 ·69	13 ·74	25	1	Thur.	24	13 ·11	19 ·63	27
29	Mon.	24	10 ·04	7 ·54	23	—30	Sun.	25	13 ·75	14 ·82	26	2	Fri.	25	14 ·07	20 ·60	28
30	Tues.	25	11 ·10	8 ·62	24	1	Mon.	26	14 ·79	15 ·89	27				**A** ·03		
—31	Wed.	26	12 ·16	9 ·72	25	2	Tues.	27	—**A** ·82	16 ·95	28	3	Sat.	26	1 ·95	21 ·57	—29
1	Thur.	27	13 ·24	10 ·82	26	3	Wed.	28	1 ·84	17 ·97	—29	4	Sun.	27	2 ·86	22 ·51	1
2	Fri.	28	14 ·32	11 ·93	27	4	Thur.	29	2 ·82	18 ·98	1	5	Mon.	28	3 ·77	23 ·45	2
3	Sat.	29	—**A** ·40	... ...	28	5	Fri.	30	3 ·79	19 ·96	2	6	Tues.	29	4 ·67	24 ·40	3
4	Sun.	30	1 ·48	12 ·04	—29	6	Sat.	31	4 ·74	20 ·93	3	7	Wed.	30	5 ·57	25 ·33	4
5	Mon.	31	2 ·55	13 ·13	1							8	Thur.	31	6 ·47	26 ·25	5

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1042. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·61.** **Śaka 964.** **Kaliyuga 4143.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·57.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Fri. 1	7 ·38	27 ·19	6	9	Mon. 1	7 ·34	5 ·67	6	9	Sat. 1	9 ·53	11 ·63	8
10	Sat. 2	8 ·30	1 ·13	7	10	Tues. 2	8 ·31	6 ·69	7	10	Sun. 2	10 ·61	12 ·73	9
11	Sun. 3	9 ·23	2 ·08	8	11	Wed. 3	9 ·30	7 ·72	8	11	Mon. 3	11 ·69	13 ·84	10
12	Mon. 4	10 ·17	3 ·05	9	12	Thur. 4	10 ·32	8 ·77	9	12	Tues. 4	12 ·77	14 ·94	11
13	Tues. 5	11 ·12	4 ·03	10	13	Fri. 5	11 ·36	9 ·84	10	13	Wed. 5	13 ·85	... ...	12
14	Wed. 6	12 ·11	5 ·03	11	14	Sat. 6	12 ·41	10 ·92	11	14	Thur. 6	14 ·90	15 ·05	13
15	Thur. 7	13 ·10	6 ·05	12	15	Sun. 7	13 ·49	... ...	12	15	Fri. 7	P ·93	16 ·18	14
16	Fri. 8	14 ·11	7 ·08	13	16	Mon. 8	14 ·58	11 ·03	13	16	Sat. 8	1 ·96	17 ·18	15
17	Sat.○ 9	P ·15	8 ·15	14	17	Tues. 9	P ·67	12 ·14	14	17	Sun. 9	2 ·95	18 ·22	16
18	Sun. 10	1 ·22	9 ·23	15	18	Wed. 10	1 ·75	13 ·24	15	18	Mon. 10	3 ·94	19 ·24	17
19	Mon. 11	2 ·30	10 ·32	16	19	Thur. 11	2 ·81	14 ·34	16	19	Tues. 11	4 ·89	20 ·25	18
20	Tues. 12	3 ·38	11 ·43	17	20	Fri. 12	3 ·87	15 ·43	17	20	Wed. 12	5 ·83	21 ·23	19
21	Wed. 13	4 ·46	12 ·53	18	21	Sat. 13	4 ·92	16 ·51	18	21	Thur. 13	6 ·76	22 ·19	20
22	Thur. 14	5 ·55	13 ·65	19	22	Sun. 14	5 ·93	17 ·56	19	22	Fri. 14	7 ·67	23 ·14	21
23	Fri. 15	6 ·63	14 ·74	20	23	Mon. 15	6 ·93	18 ·59	20	23	Sat. 15	8 ·57	24 ·08	22
24	Sat. 16	7 ·69	15 ·82	21	24	Tues. 16	7 ·90	19 ·60	21	24	Sun. 16	9 ·47	25 ·03 } 26 ·96 }	23
25	Sun. 17	8 ·74	16 ·88	22	25	Wed. 17	8 ·87	20 ·59	22					
26	Mon. 18	9 ·75	17 ·92	23	26	Thur. 18	9 ·80	21 ·56	23	25	Mon. 17	10 ·37	27 ·87	24
27	Tues. 19	10 ·75	18 ·95	24	27	Fri. 19	10 ·73	22 ·53	24	26	Tues. 18	11 ·27	1 ·82	25
28	Wed. 20	11 ·74	19 ·95	25	28	Sat. 20	11 ·64	23 ·47	25	27	Wed. 19	12 ·17	2 ·76	26
29	Thur. 21	12 ·70	20 ·93	26	29	Sun. 21	12 ·55	24 ·41	26	28	Thur. 20	13 ·08 } 14 ·99 }	3 ·71	27
1	Fri. 22	13 ·64	21 ·90	27	30	Mon. 22	13 ·45	25 ·34	27					
2	Sat. 23	14 ·57	22 ·85	28	31	Tues. 23	14 ·35	26 ·27	28	29	Fri. 21	A ·93	4 ·68	28
3	Sun. 24	A ·49	23 ·80	29	1	Wed. 24	A ·25	27 ·21	29	30	Sat. 22	1 ·88	5 ·65	29
4	Mon. 25	1 ·40	24 ·73	30	2	Thur. 25	1 ·15	1 ·14	30	31	Sun. 23	2 ·86	6 ·65	30
5	Tues. 26	2 ·30	25 ·66	1						32	Mon. 24	3 ·84	7 ·66	1
6	Wed. 27	3 ·20	26 ·59	2	3	Fri. 26	2 ·07 } 3 ·99 }	2 ·09	1	1	Tues. 25	4 ·86	8 ·70	2
7	Thur. 28	4 ·10	27 ·52	3	4	Sat. 27	4 ·92	3 ·04	2	2	Wed. 26	5 ·89	9 ·76	3
8	Fri. 29	5 ·01	1 ·46	4	5	Sun. 28	5 ·88	4 ·01	3	3	Thur. 27	6 ·94	10 ·84	4
		6 ·92			6	Mon. 29	6 ·85	5 ·00	4	4	Fri. 28	... ...	11 ·93	5
9	Sat. 30	7 ·85	2 ·42	5	7	Tues. 30	7 ·85	6 ·01	5	5	Sat. 29	7 ·00	... ...	6
10	Sun. 31	8 ·78	3 ·38	6	8	Wed. 31	8 ·85	7 ·03	6	6	Sun. 30	8 ·08	12 ·03	7
										7	Mon. 31	9 ·16	13 ·14	8
	Feb.					**April.**					**June.**			
11	Mon. 1	9 ·75	4 ·36	7	9	Thur. 1	9 ·90	8 ·08	7	8	Tues. 1	10 ·24	14 ·25	9
12	Tues. 2	10 ·72	5 ·35	8	10	Fri. 2	10 ·95	9 ·14	8	9	Wed. 2	11 ·32	15 ·35	10
13	Wed. 3	11 ·71	6 ·36	9	11	Sat. 3	... ...	10 ·23	9	10	Thur. 3	12 ·37	16 ·43	11
14	Thur. 4	12 ·73	7 ·41	10	12	Sun. 4	11 ·03	11 ·33	10	11	Fri. 4	13 ·42	17 ·50	12
15	Fri. 5	13 ·77	8 ·46	11	13	Mon. 5	12 ·11	12 ·44	11	12	Sat. 5	14 ·44	18 ·54	13
16	Sat. 6	14 ·83	9 ·53	12	14	Tues. 6	13 ·19	13 ·54	12	13	Sun. 6	P ·43	19 ·57	14
17	Sun. 7	P ·90	10 ·62	13	15	Wed. 7	14 ·27	14 ·64	13	14	Mon. 7	1 ·41	20 ·57	15
18	Mon. 8	1 ·99	11 ·72	14	16	Thur. 8	P ·35	15 ·73	14	15	Tues. 8	2 ·36	21 ·56	16
19	Tues. 9	... ...	12 ·84	15	17	Fri. 9	1 ·41	16 ·82	15	16	Wed. 9	3 ·31	22 ·53	17
20	Wed. 10	2 ·08	13 ·95	16	18	Sat. 10	2 ·45	17 ·87	16	17	Thur. 10	4 ·23	23 ·48	18
21	Thur. 11	3 ·17	... ...	17	19	Sun. 11	3 ·46	18 ·91	17	18	Fri. 11	5 ·14	24 ·43	19
22	Fri. 12	4 ·24	14 ·04	18	20	Mon. 12	4 ·45	19 ·92	18					
23	Sat. 13	5 ·30	15 ·13	19	21	Tues. 13	5 ·43	20 ·91	19	19	Sat. 12	6 ·04 } 7 ·94 }	25 ·37	20
24	Sun. 14	6 ·35	16 ·19	20	22	Wed. 14	6 ·40	21 ·90	20					
25	Mon. 15	7 ·36	17 ·25	21	23	Thur. 15	7 ·32	22 ·86	21	20	Sun. 13	8 ·84	26 ·30	21
26	Tues. 16	8 ·36	18 ·27	22	24	Fri. 16	8 ·24	23 ·81	22	21	Mon. 14	9 ·74	27 ·23	22
27	Wed. 17	9 ·34	19 ·28	23	25	Sat. 17	9 ·16	24 ·75	23	22	Tues. 15	10 ·64	1 ·16	23
28	Thur. 18	10 ·31	20 ·26	24						23	Wed. 16	11 ·55	2 ·09	24
29	Fri. 19	11 ·24	21 ·23	25	26	Sun. 18	10 ·07 } 11 ·97 }	25 ·68	24	24	Thur. 17	12 ·48	3 ·05	25
30	Sat. 20	12 ·16	22 ·18	26	27	Mon. 19	12 ·87	26 ·62	25	25	Fri. 18	13 ·41	4 ·01 } 5 ·98 }	26
1	Sun. 21	13 ·07 } 14 ·98 }	23 ·14	27	28	Tues. 20	13 ·76	27 ·55	26	26	Sat. 19	14 ·36	6 ·97	27
2	Mon. 22	A ·89	24 ·07	28	29	Wed. 21	14 ·66	1 ·48	27	27	Sun.● 20	A ·33	7 ·98	28
3	Tues. 23	1 ·79	25 ·00 } 26 ·93 }	29	30	Thur. 22	A ·58	2 ·42	28	28	Mon. 21	1 ·32	... ...	29
4	Wed. 24	2 ·69	27 ·86	1	1	Fri. 23	1 ·50	3 ·37	29	29	Tues. 22	2 ·33	8 ·02	1
5	Thur. 25	3 ·60	1 ·81	2	2	Sat. 24	2 ·45	4 ·35	1	30	Wed. 23	3 ·36	9 ·07	2
6	Fri. 26	4 ·51	2 ·75	3	3	Sun. 25	3 ·40	5 ·33	2	31	Thur. 24	4 ·42	10 ·14	3
7	Sat. 27	5 ·44	3 ·71	4	4	Mon. 26	4 ·37	6 ·33	3	1	Fri. 25	5 ·48	11 ·23	4
8	Sun. 28	6 ·37	4 ·68	5	5	Tues. 27	5 ·36	7 ·35	4	2	Sat. 26	6 ·55	12 ·33	5
					6	Wed. 28	6 ·36	8 ·39	5	3	Sun. 27	7 ·63	13 ·45	6
					7	Thur. 29	7 ·41	9 ·46	6	4	Mon. 28	8 ·71	14 ·55	7
					8	Fri. 30	8 ·46	10 ·54	7	5	Tues. 29	9 ·78	15 ·65	8
										6	Wed. 30	10 ·84	16 ·74	9

Vrisha. Makara—Tai. Kumbha—Māsi. Vrisha. Mina—Paiguni. Vrisha. Mina—Paiguni. Chitrabhānu. Mēsha—Chittirai. Chitrabhānu. Vrishabha—Vaigāsi. Chitrabhānu. Mithuna—Āni.

Māgha. Phālguna. Chaitra. Adhika Vaisākha. Vaisākha. Jyeshtha. Āshādha.

Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla. Bahula. Sukla.

H. 433 Jamādi'l awwal. H. 433 Rajab. H. 433 Ramazān. H. 433 Shawwāl. H. 433 Shaʿbān.

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1042. **Kollam 218,** { **N. Malabar—Aug.** **Hijra 434.** **Vikrama 1099.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 21.** **Bengal San. 448.**
P—Paurnimā. **(N. Cycle) Tāraṇa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			11 ·90	17 ·80	10				14 ·68	24 ·44	12				1 ·31	4 ·68	14
			12 ·92	18 ·86	11				P ·59	25 ·38	13				2 ·23	5 ·63	15
			13 ·91	19 ·89	12				1 ·50	26 ·31	14				3 ·17	6 ·60	16
			14 ·89	20 ·90	13				2 ·40	27 ·25	15				4 ·12	7 ·59	17
			P ·84	21 ·89	14				3 ·30	1 ·18	16				5 ·11	8 ·60	18
			1 ·79	22 ·86	15				4 ·20	2 ·11	17				6 ·10	9 ·64	19
			2 ·72	23 ·81	16				5 ·11	3 ·05	18				7 ·12	10 ·68	20
			3 ·64	24 ·77	17				6 ·03	4 ·00	19				8 ·14	11 ·75	21
			4 ·54	25 ·70	18				7 ·97	5 ·97					9 ·21	12 ·84	22
			5 ·44	26 ·63	19				8 ·91	6 ·95	20				10 ·28	13 ·94	23
			6 ·34	27 ·56	20				9 ·89	7 ·95	21				11 ·36	... ...	24
			7 ·28	1 ·49	21				10 ·88	8 ·96	22				12 ·45	14 ·05	25
			8 ·14	2 ·44	22				11 ·88	... ..	23				13 ·54	15 ·16	26
			9 ·05	3 ·38	23				12 ·92	9 ·00	24				14 ·62	16 ·26	27
			10 ·98						13 ·98	10 ·07	25				A ·68	17 ·35	28
			11 ·91	4 ·34	24				... ...	11 ·15	26				1 ·73	18 ·42	29
			12 ·85	5 ·31	25				14 ·04	12 ·24	27				2 ·76	19 ·48	30
			13 ·82	6 ·29	26				A ·12	13 ·34	28				3 ·76	20 ·51	1
			14 ·81	7 ·31	27				1 ·21	14 ·45	29				4 ·74	21 ·52	2
			A ·81	8 ·33	28				2 ·29	15 ·56	30				5 ·70	22 ·51	3
			1 ·84	9 ·38	29				3 ·36	16 ·66	1				6 ·64	23 ·48	4
			2 ·90	10 ·45	30				4 ·43	17 ·74	2				7 ·57	24 ·45	5
			3 ·96	11 ·53	1				5 ·48	18 ·80	3				8 ·49	25 ·40	6
			... ...	12 ·64	2				6 ·52	19 ·84	4				9 ·41	26 ·34	7
			4 ·04	13 ·73	3				7 ·51	20 ·86	5				10 ·32	27 ·27	8
			5 ·12	14 ·85	4				8 ·50	21 ·87	6				11 ·22	1 ·20	9
			6 ·21	15 ·95	5				9 ·46	22 ·86	7				12 ·12	2 ·13	10
			7 ·28	... ...	6				10 ·41	23 ·82	8				13 ·03	3 ·07	11
			8 ·35	16 ·04	7				11 ·35	24 ·77	9				14 ·94		
			9 ·39	17 ·12	8				12 ·26	25 ·72	10					4 ·01	
			10 ·41	18 ·18	9				13 ·17	26 ·66	11				P ·87	5 ·97	12
			11 ·41	19 ·21	10										1 ·81	6 ·93	13
	Aug.						**Oct.**						**Dec.**				
			12 ·39	20 ·22	11				14 ·07	27 ·59	12				2 ·77	7 ·92	14
			13 ·35	21 ·21	12				P ·97						3 ·75	8 ·93	15
			14 ·30	22 ·19	13				1 ·87	1 ·52	13				4 ·75	9 ·95	16
			P ·23	23 ·16	14				2 ·78	2 ·45	14				5 ·76	10 ·99	17
			1 ·14	24 ·10	15				3 ·70	3 ·39	15				6 ·80	... ...	18
			2 ·04	25 ·04					4 ·62	4 ·34	16				7 ·86	11 ·06	19
			3 ·94	26 ·97	16				5 ·56	5 ·30	17				8 ·93	12 ·14	20
			4 ·84	27 ·00	17				6 ·50	6 ·28	18				... ...	13 ·24	21
			5 ·74	1 ·84	18				7 ·48	7 ·27	19				9 ·02	14 ·35	22
			6 ·65	2 ·78	19				8 ·47	8 ·28	20				10 ·11	15 ·46	23
			7 ·57	3 ·72	20				9 ·49	9 ·31	21				11 ·20	16 ·56	24
			8 ·49	4 ·67	21				10 ·52	10 ·38	22				12 ·27	17 ·65	25
			9 ·41	5 ·63	22				11 ·57	11 ·45	23				13 ·33	18 ·73	26
			10 ·36	6 ·63	23				12 ·65	12 ·54	24				14 ·38	19 ·79	27
			11 ·33	7 ·63	24				13 ·73	13 ·64	25				A ·40	20 ·83	28
			12 ·33	8 ·65	25				14 ·82	14 ·74	26				1 ·41	21 ·84	29
			13 .33	9 ·69	26				A ·90	15 ·86	27				2 ·39	22 ·84	1
			14 ·37	10 ·75	27				1 ·98	16 ·96	28				3 ·35	23 ·81	2
			A ·42	11 ·84	28				... ...	... ...	29				4 ·30	24 ·79	3
			1 ·48	12 ·94	29				2 ·04	17 ·04	1				5 ·22	25 ·73	4
			2 ·56	... ...	30				3 ·09	18 ·11	2				6 ·14	26 ·67	5
			3 ·64	13 ·04	1				4 ·13	19 ·16	3				7 ·05	27 ·61	6
			4 ·73	14 ·15	2				5 ·12	20 ·19	4				8 ·95		
			5 ·80	15 ·25	3				6 ·11	21 ·20	5				9 ·86	1 ·53	7
			6 ·87	16 ·34	4				7 ·07	22 ·18	6				10 ·77	2 ·47	8
			7 ·91	17 ·43	5				8 ·03	23 ·15	7				11 ·68	3 ·41	9
			8 ·94	18 ·49	6				9 ·95						12 ·59	4 ·35	10
			9 ·94	19 ·53	7				10 ·86	24 ·11	8				13 ·51	5 ·30	11
			10 ·92	20 ·54	8				11 ·77	25 ·06	9				14 ·45	6 ·26	12
			11 ·89	21 ·54	9				12 ·68	26 ·00	10				P ·42	7 ·25	13
			12 ·83	22 ·53	10				13 ·59	27 ·93					1 ·39	8 ·25	14
			13 ·77	23 ·40	11				14 ·50	1 ·86	11				2 ·39	9 ·27	15
									P ·40	2 ·79	12						
										3 .72	13						

Chitrabhānu. **Karkataka—Ādi.** — *H. 433 Zi-l-ka'da.* — *Sukla.* **Āshāḍha.** — *Bahula.* — *H. 434 Muharram.* — *Chitrabhānu.* **Kan.—Pur.** — *Bhād.*

Chitrabhānu. **Kanyā—Purattāsi.** — *H. 434 Muharram.* — *Sukla.* — *Bahula.* — *H. 434 Safar.* — *Chitrabhānu.* **Tulā—Aippasi.** — *Sukla.* **Āśvina.** — *Bahula.* — *H. 434 Rabi-ul awwal.*

Chitrabhānu. **Vṛiśchika—Kārttigai.** — *H. 434 Rabi-ul awwal.* — *Sukla.* **Kārttika.** — *Bahula.* — *H. 434 Rabi-ul akhir.* — *Chitrabhānu.* **Dhanus—Mārgaḷi.** — *Sukla.* **Mārgaśirsha.** — *Bahula.* — *H. 434 Jumāda'l awwal.* — *Chitrabhānu.* **Makara—Tai.** — *Sukla.* **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1043. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·87.** **Śaka 965.** **Kaliyuga 4144.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·83.** **(S. Cycle) Subhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Sat.	1	3 ·41	10 ·30	16	9	Tues.	1	3 ·89	14 ·24	16	8	Sun.	1	4 ·26	20 ·41	18
10	Sun.	2	4 ·46	11 ·36	17	10	Wed.	2	4 ·98	15 ·35	17	9	Mon.	2	5 ·28	21 ·44	19
11	Mon.	3	5 ·51	12 ·45	18	11	Thur.	3	... ...	16 ·47	18	10	Tues.	3	6 ·28	22 ·46	20
12	Tues.	4	6 ·58	13 ·54	19	12	Fri.	4	5 ·06	17 ·56	19	11	Wed.	4	7 ·25	23 ·46	21
13	Wed.	5	7 ·67	14 ·65	20	13	Sat.	5	6 ·13	18 ·65	20	12	Thur.	5	8 ·21	24 ·45	22
14	Thur.	6	8 ·76	15 ·75	21	14	Sun.	6	7 ·18	19 ·72	21	13	Fri.	6	9 ·15	25 ·41	23
15	Fri.	7	9 ·85	16 ·86	22	15	Mon.	7	8 ·22	20 ·77	22	14	Sat.	7	10 ·06	26 ·36	24
16	Sat.	8	10 ·92	17 ·96	23	16	Tues.	8	9 ·24	21 ·81	23				11 ·97		
17	Sun.	9	11 ·99	... ...	24	17	Wed.	9	10 ·23	22 ·82	24	15	Sun.	8	12 ·87	27 ·30	25
18	Mon.	10	... ...	18 ·04	25	18	Thur.	10	11 ·21	23 ·81	25	16	Mon.	9	13 ·77	1 ·24	26
19	Tues.	11	12 ·02	19 ·10	26	19	Fri.	11	12 ·16	24 ·78	26	17	Tues.	10	14 ·67	2 ·17	27
20	Wed.	12	13 ·04	20 ·14	27	20	Sat.	12	13 ·10	25 ·74	27	18	Wed.	11	—A ·57	3 ·11	28
21	Thur.	13	14 ·04	21 ·16	28	21	Sun.	13	14 ·02	26 ·69	28	19	Thur.	12	1 ·47	4 ·04	29
22	Fri.	14	A ·03	22 ·16	29				A ·94							5 ·98	
			1 ·99			22	Mon.	14	1 ·86	27 ·63	29	20	Fri.	13	2 ·38	6 ·93	—30
23	Sat.	15	2 ·92	23 ·15	—30	23	Tues.	15	2 ·74	1 ·56	—30	21	Sat.	14	3 ·31	7 ·89	1
24	Sun.	16	3 ·85	24 ·12	1	24	Wed.	16	3 ·65	2 ·49	1	22	Sun.	15	4 ·25	8 ·87	2
25	Mon.	17	4 ·77	25 ·07	2	25	Thur.	17	4 ·55	3 ·42	2	23	Mon.	16	5 ·21	9 ·87	3
26	Tues.	18	5 ·69	26 ·01	3	26	Fri.	18	5 ·45	4 ·36	3	24	Tues.	17	6 ·17	10 ·88	4
				27 ·94		27	Sat.	19	6 ·36	5 ·31	4	25	Wed.	18	7 ·17	11 ·92	5
27	Wed.	19	6 ·58	1 ·88	4	28	Sun.	20	7 ·29	6 ·26	5	26	Thur.	19	8 ·18	12 ·97	6
28	Thur.	20	7 ·48	2 ·81	5	29	Mon.	21	8 ·23	7 ·23	6	27	Fri.	20	9 ·21	... ...	7
29	Fri.	21	8 ·38	3 ·74	6	30	Tues.	22	9 ·19	8 ·21	7	28	Sat.	21	10 ·26	13 ·06	8
—30	Sat.	22	9 ·29	4 ·68	7	—31	Wed.	23	10 ·17	9 ·22	8	29	Sun.	22	11 ·33	14 ·15	9
1	Sun.	23	10 ·21	5 ·63	8	1	Thur.	24	11 ·16	10 ·25	9	30	Mon.	23	12 ·41	15 ·25	10
2	Mon.	24	11 ·18	6 ·60	9	2	Fri.	25	12 ·19	11 ·30	10	—31	Tues.	24	13 ·50	16 ·36	11
3	Tues.	25	12 ·08	7 ·58	10	3	Sat.	26	13 ·22	12 ·36	11	1	Wed.	25	14 ·58	17 ·46	12
4	Wed.	26	13 ·04	8 ·57	11	4	Sun.	27	14 ·28	13 ·45	12	2	Thur.	26	P ·66	18 ·57	13
5	Thur.	27	14 ·01	9 ·58	12	5	Mon.	28	P ·35	14 ·54	13	3	Fri.	27	1 ·73	19 ·65	14
6	Fri.	28	P ·01	10 ·62	13	6	Tues.	29	1 ·43	15 ·66	14	4	Sat.	28	2 ·76	20 ·72	15
7	Sat.	29	1 ·04	11 ·68	14	7	Wed.	30	2 ·52	16 ·76	15	5	Sun.	29	3 ·78	21 ·76	16
8	Sun.	30	2 ·08	12 ·75	H 15	8	Thur.	31	3 ·60	17 ·86	16	6	Mon.	30	4 ·77	22 ·78	17
9	Mon.	31	3 ·13	13 ·84	16							7	Tues.	31	5 ·75	23 ·78	H. 434 Shawwāl. 18
	Feb.						**April.**						**June.**				
10	Tues.	1	4 ·21	14 ·95	17	9	Fri.	1	4 ·67	18 ·95	17	8	Wed.	1	6 ·71	24 ·78	19
11	Wed.	2	5 ·29	... ...	18	10	Sat.	2	5 ·72	... ...	18	9	Thur.	2	7 ·64	25 ·75	20
12	Thur.	3	6 ·39	15 ·05	19	11	Sun.	3	6 ·77	19 ·03	19	10	Fri.	3	8 ·57	26 ·70	21
13	Fri.	4	7 ·48	16 ·16	20	12	Mon.	4	7 ·78	20 ·09	20	11	Sat.	4	9 ·48	27 ·64	22
14	Sat.	5	8 ·54	17 ·26	21	13	Tues.	5	8 ·76	21 ·13	21	12	Sun.	5	10 ·38	1 ·58	23
15	Sun.	6	9 ·60	18 ·35	22	14	Wed.	6	9 ·74	22 ·14	22	13	Mon.	6	11 ·28	2 ·51	24
16	Mon.	7	10 ·64	19 ·41	23	15	Thur.	7	10 ·69	23 ·13	23	14	Tues.	7	12 ·18	3 ·44	25
17	Tues.	8	11 ·66	20 ·46	24	16	Fri.	8	11 ·64	24 ·11	24	15	Wed.	8	13 ·08	4 ·38	26
18	Wed.	9	12 ·65	21 ·48	25	17	Sat.	9	12 ·56	25 ·08	25				14 ·98		
19	Thur.	10	13 ·63	22 ·50	26					26 ·03		16	Thur ●	9	—A ·89	5 ·31	27
20	Fri.	11	14 ·58	23 ·48	27	18	Sun.	10	13 ·48	27 ·97	26	17	Fri.	10	1 ·81	6 ·26	28
21	Sat.	12	—A ·53	24 ·45	28	19	Mon.	11	14 ·38	1 ·90	27	18	Sat.	11	2 ·75	7 ·23	—29
22	Sun.	13	1 ·46	25 ·40	—29	20	Tues.	12	—A ·28	2 ·83	28	19	Sun.	12	3 ·70	8 ·20	1
23	Mon.	14	2 ·38	26 ·35	1	21	Wed.	13	1 ·18	3 ·77	—29	20	Mon.	13	4 ·67	9 ·19	2
24	Tues.	15	3 ·29	27 ·29	2	22	Thur.	14	2 ·08	4 ·70	1	21	Tues.	14	5 ·66	10 ·20	3
25	Wed.	16	4 ·19	1 ·22	3				3 ·98			22	Wed.	15	6 ·67	11 ·23	4
26	Thur.	17	5 ·09	2 ·15	4	23	Fri.	15	4 ·88	5 ·64	2	23	Thur.	16	7 ·71	12 ·29	5
			6 ·98			24	Sat.	16	5 ·81	6 ·59	3	24	Fri.	17	8 ·75	13 ·36	6
27	Fri.	18	7 ·88	3 ·08	5	25	Sun.	17	6 ·76	7 ·56	4	25	Sat.	18	9 ·83	14 ·45	7
28	Sat.	19	8 ·80	4 ·02	6	26	Mon.	18	7 ·72	8 ·54	5	26	Sun.	19	10 ·91	15 ·55	8
				5 ·97		27	Tues.	19	8 ·69	9 ·55	6	27	Mon.	20	11 ·99	16 ·66	9
—29	Sun.	20	9 ·72	6 ·93	7	28	Wed.	20	9 ·67	10 ·57	7	28	Tues.	21	... ...	17 ·77	10
1	Mon.	21	10 ·67	7 ·90	8	29	Thur.	21	10 ·69	11 ·61	8	29	Wed.	22	12 ·07	18 ·87	11
2	Tues.	22	11 ·63	8 ·89	9	30	Fri.	22	11 ·73	12 ·67	9	30	Thur.	23	13 ·14	19 ·96	12
3	Wed.	23	12 ·62	9 ·90	10	—31	Sat.	23	12 ·79	13 ·75	10	31	Fri.	24	14 ·21	.. ...	13
4	Thur.	24	13 ·61	10 ·94	11	1	Sun.	24	13 ·85	14 ·85	11	—32	Sat.	25	P ·26	20 ·02	14
5	Fri.	25	14 ·64	11 ·99	12	2	Mon.	25	14 ·94	15 ·95	12	1	Sun.	26	1 ·25	21 ·07	15
6	Sat.	26	P ·67	... ...	13	3	Tues.	26	... ...	... ...	13	2	Mon.	27	2 ·23	22 ·10	16
7	Sun.	27	1 ·72	12 ·06	14	4	Wed.	27	P 02	16 ·06	14	3	Tues.	28	3 ·18	23 ·12	17
8	Mon.	28	2 ·80	13 ·14	15	5	Thur.	28	1 ·10	17 ·16	H 15	4	Wed.	29	4 ·12	24 ·11	H. 434 Ziḥ-ḥa'da. 18
						6	Fri.	29	2 ·18	18 ·26	16				5 ·05		
						7	Sat.	30	3 ·22	19 ·35	17	5	Thur.	30	6 ·97	25 ·08	19

Chitrabhānu. Makara—Tai. Kumbha—Māśi. Subhānu. Mēsha—Chittirai. Chitrabhānu. Mīna—Pāṅguni. Subhānu. Vṛishabha—Vaigāśi. Subhānu. Mithuna—Āni.

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1043. **Kollam 219,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 485.** **Vikrama 1100.**
A—Amāvāsyā. Commences **Bengal San. 449.**
P—Paurnimā. Commences **Aug. 10.** **(N. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
				26 ·03						7 ·22							
6	Fri.	1	7 ·87	27 ·98	20	6	Thur.	1	10 ·33		23	6	Tues.	1	12 ·43	14 ·97	25
7	Sat.	2	8 ·77	1 ·92	21	7	Fri.	2	11 ·26	8 ·18	24	7	Wed.	2	13 ·50	... ...	26
8	Sun.	3	9 ·67	2 ·85	22	8	Sat.	3	12 ·22	9 ·16	25	8	Thur.	3	14 ·58	15 ·06	27
9	Mon.	4	10 ·57	3 ·78	23	9	Sun.	4	13 ·19	10 ·17	26	9	Fri.	4	—A ·66	16 ·16	28
10	Tues.	5	11 ·47	4 ·71	24	10	Mon.	5	14 ·18	11 ·18	27	10	Sat.	5	1 ·74	17 ·26	29
11	Wed.	6	12 ·38	5 ·65	25	11	Tues.	6	—A ·19	12 ·22	28	11	Sun.	6	2 ·83	18 ·38	—30
12	Thur.	7	13 ·30	6 ·60	26	12	Wed.	7	1 ·22	13 ·28	29	12	Mon.	7	3 ·90	19 ·48	1
13	Fri.	8	14 ·23	7 ·56	27	13	Thur.	8	2 ·28	14 ·36	—30	13	Tues.	8	4 ·97	20 ·57	2
14	Sat.	9	—A ·18	8 ·53	28	14	Fri.	9	3 ·34	15 ·46	1	14	Wed.	9	... ...	21 ·64	3
15	Sun.	10	1 ·15	9 ·51	29	15	Sat.	10	4 ·42	16 ·56	2	15	Thur.	10	5 ·02	22 ·69	4
16	Mon.	11	2 ·14	10 ·52	—30	16	Sun.	11	5 ·51	17 ·67	3	16	Fri.	11	6 ·05	23 ·73	5
17	Tues.	12	3 ·13	11 ·55	1	17	Mon.	12	6 ·60	18 ·77	4	17	Sat.	12	7 ·04	24 ·74	6
18	Wed.	13	4 ·13	12 ·60	2	18	Tues.	13	7 ·69	19 ·87	5				8 ·02		
19	Thur.	14	5 ·17	13 ·67	3	19	Wed.	14	8 ·75	20 ·96	6	18	Sun.	13	9 ·99	25 ·73	7
20	Fri.	15	6 ·21	14 ·75	4	20	Thur.	15	9 ·79	... ...	7	19	Mon.	14	10 ·93	26 ·70	8
21	Sat.	16	7 ·29	15 ·85	5	21	Fri.	16	10 ·82	21 ·02	8	20	Tues.	15	11 ·86	27 ·66	9
22	Sun.	17	8 ·37	16 ·96	6	22	Sat.	17	11 ·82	22 ·06	9	21	Wed.	16	12 ·78	1 ·61	10
23	Mon.	18	9 ·46	... ...	7	23	Sun.	18	12 ·80	23 ·08	10	22	Thur.	17	13 ·69	2 ·55	11
24	Tues.	19	10 ·54	17 ·07	8	24	Mon.	19	13 ·75	24 ·08	11	23	Fri.	18	14 ·59	3 ·49	12
25	Wed.	20	11 ·61	18 ·17	9	25	Tues.	20	14 ·71	25 ·08	12	24	Sat.	19	P ·49	4 ·42	13
26	Thur.	21	12 ·67	19 ·26	10					26 ·04		25	Sun.	20	1 ·40	5 ·34	14
27	Fri.	22	13 ·71	20 ·33	11	26	Wed.	21	P ·63	27 ·99	13	26	Mon.	21	2 ·31	6 ·28	15
28	Sat.	23	14 ·74	21 ·39	12	27	Thur.	22	1 ·55	1 ·93	14	27	Tues.	22	3 ·23	7 ·23	16
29	Sun.	24	P ·73	22 ·43	13	28	Fri.	23	2 ·45	2 ·87	15	28	Wed.	23	4 ·15	8 ·18	17
30	Mon.	25	1 ·71	23 ·44	14	29	Sat.	24	3 ·35	3 ·81	16	—29	Thur.	24	5 ·09	9 ·15	18
—31	Tues.	26	2 ·66	24 ·43	15	30	Sun.	25	4 ·25	4 ·74	17	1	Fri.	25	6 ·05	10 ·14	19
1	Wed.	27	3 ·60	25 ·41	16	—31	Mon.	26	5 ·16	5 ·67	18	2	Sat.	26	7 ·04	11 ·14	20
2	Thur.	28	4 ·54	26 ·37	17				6 ·07			3	Sun.	27	8 ·03	12 ·17	21
3	Fri.	29	5 ·45	27 ·32	18	1	Tues.	27	7 ·98	6 ·61	19	4	Mon.	28	9 ·04	13 ·21	22
4	Sat.	30	6 ·35	1 ·26	19	2	Wed.	28	8 ·91	7 ·55	20	5	Tues.	29	10 ·09	14 ·28	23
5	Sun.	31	7 ·25	2 ·19	20	3	Thur.	29	9 ·84	8 ·51	21	6	Wed.	30	11 ·15	15 ·36	24
					H. 434	4	Fri.	30	10 ·80	9 ·50	22						H. 435
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	8 ·15	3 ·12	21	5	Sat.	1	11 ·77	10 ·49	23	7	Thur.	1	12 ·23	16 ·46	25
			9 ·05			6	Sun.	2	12 ·77	11 ·50	24	8	Fri.	2	13 ·31	17 ·57	26
7	Tues.	2	10 ·96	4 ·05	22	7	Mon.	3	13 ·78	12 ·53	25	9	Sat.	3	14 ·41	18 ·68	27
				5 ·00		8	Tues.	4	14 ·81	13 ·59	26	10	Sun.	4	—P ·48	19 ·78	28
8	Wed.	3	11 ·87	6 ·94	23	9	Wed.	5	—A ·88	14 ·67	27	11	Mon.	5	1 ·55	20 ·87	—29
9	Thur.	4	12 ·78	7 ·89	24	10	Thur.	6	1 ·95	15 ·76	28	12	Tues.	6	2 ·62	21 ·95	1
10	Fri.	5	13 ·72	8 ·85	25	11	Fri.	7	... ...	16 ·86	—29	13	Wed.	7	3 ·66	... ...	2
11	Sat.	6	14 ·67	9 ·84	26	12	Sat.	8	2 ·03	17 ·96	1	14	Thur.	8	4 ·67	22 ·00	3
12	Sun.	7	—A ·65	10 ·85	27	13	Sun.	9	3 ·11	... ...	2	15	Fri.	9	5 ·68	23 ·05	4
13	Mon.	8	1 ·64	11 ·87	28	14	Mon.	10	4 ·20	18 ·07	3	16	Sat.	10	6 ·67	24 ·06	5
14	Tues.	9	2 ·65	12 ·91	—29	15	Tues.	11	5 ·28	19 ·18	4	17	Sun.	11	7 ·63	25 ·06	6
15	Wed.	10	3 ·68	13 ·97	1	16	Wed.	12	6 ·35	20 ·26	5					26 ·03	
16	Thur.	11	4 ·73	... ...	2	17	Thur.	13	7 ·39	21 ·33	6	18	Mon.	12	8 ·57	27 ·99	7
17	Fri.	12	5 ·79	14 ·05	3	18	Fri.	14	8 ·42	22 ·38	7	19	Tues.	13	9 ·50	1 ·95	8
18	Sat.	13	6 ·87	15 ·15	4	19	Sat.	15	9 ·42	23 ·40	8	20	Wed.	14	10 ·42	2 ·89	9
19	Sun.	14	7 ·97	16 ·26	5	20	Sun.	16	10 ·40	24 ·42	9	21	Thur.	15	11 ·33	3 ·82	10
20	Mon.	15	... ...	17 ·37	6	21	Mon.	17	11 ·36	25 ·40	10	22	Fri.	16	12 ·24	4 ·75	11
21	Tues.	16	8 ·05	18 ·47	7	22	Tues.	18	12 ·31	26 ·37	11	23	Sat.	17	13 ·14	5 ·68	12
22	Wed.	17	9 ·13	19 ·56	8	23	Wed.	19	13 ·24	27 ·33	12				14 ·04		
23	Thur.	18	10 ·19	20 ·64	9	24	Thur.	20	14 ·15	1 ·27	13	24	Sun.	18	P ·95	6 ·63	13
24	Fri.	19	11 ·23	21 ·71	10				P ·06			25	Mon.	19	1 ·87	7 ·57	14
25	Sat.	20	12 ·26	22 ·75	11	25	Fri.	21	1 ·97	2 ·21	14	26	Tues.	20	2 ·79	8 ·52	15
26	Sun.	21	13 ·25	23 ·76	12	26	Sat.	22	2 ·87	3 ·15	15	27	Wed.	21	3 ·73	9 ·48	16
27	Mon.	22	14 ·21	24 ·76	13	27	Sun.	23	3 ·77	4 ·08	16	28	Thur.	22	4 ·69	10 ·46	17
28	Tues.	23	P ·20	25 ·74	14					5 ·01		29	Fri.	23	5 ·68	11 ·47	18
29	Wed.	24	1 ·15	26 ·71	15	28	Mon.	24	4 ·68	6 ·94	17	1	Sat.	24	6 ·67	12 ·49	19
			2 ·07			29	Tues.	25	5 ·60	7 ·89	18	2	Sun.	25	7 ·70	13 ·52	20
30	Thur.	25	3 ·98	27 ·66	16	—30	Wed.	26	6 ·52	8 ·85	19	3	Mon.	26	8 ·74	14 ·58	21
—31	Fri.	26	4 ·88	1 ·60	17	1	Thur.	27	7 ·44	9 ·82	20	4	Tues.	27	9 ·80	15 ·66	22
1	Sat.	27	5 ·78	2 ·53	18	2	Fri.	28	8 ·41	10 ·81	21	5	Wed.	28	10 ·88	16 ·76	23
2	Sun.	28	6 ·68	3 ·46	19	3	Sat.	29	9 ·39	11 ·82	22	6	Thur.	29	11 ·96	17 ·87	24
3	Mon.	29	7 ·58	4 ·40	20	4	Sun.	30	10 ·39	12 ·85	23	7	Fri.	30	... ...	18 ·97	25
4	Tues.	30	8 ·49	5 ·33	21	5	Mon.	31	11 ·40	13 ·91	24	8	Sat.	31	12 ·05	... ...	26
5	Wed.	31	9 ·40	6 ·27	22												

Subhānu. **Karkataka—Ādi.** *Bahula.* *Śrāvaṇa.* *Sukla.* *Bhādrapada.* *Bahula.* *Āśvina.* *Sukla.* *Kārttika.* *Bahula.* *Mārgaśīrsha.* *Sukla.* *Pausha.* *Bahula.* *Māgha.*

Subhānu. **Simha—Āvani.** *Sukla.* *Bhādrapada.* *Sukla.* *Āśvina.* *Bahula.* *Kārttika.* *Sukla.* *Mārgaśīrsha.* *Bahula.* *Pausha.* *Sukla.* *Māgha.*

Subhānu. **Kanyā—Purattāsi.** *Sukla.* *Āśvina.* *Bahula.* *Kārttika.* *Sukla.* *Mārgaśīrsha.* *Bahula.* *Pausha.* *Sukla.* *Māgha.* *Bahula.* *Phālguna.*

Subhānu. **Tulā—Aippasi.** *Bahula.* *Kārttika.* *Sukla.* *Mārgaśīrsha.* *Sukla.* *Pausha.* *Bahula.* *Māgha.* *Sukla.* *Phālguna.* *Sukla.* *Chaitra.*

Subhānu. **Vṛischika—Kārttigai.** *Sukla.* *Mārgaśīrsha.* *Bahula.* *Pausha.* *Sukla.* *Māgha.* *Bahula.* *Phālguna.* *Sukla.* *Chaitra.* *Bahula.* *Vaiśākha.*

Subhānu. **Dhanus—Mārgali.** *Bahula.* *Pausha.* *Sukla.* *Māgha.* *Bahula.* *Phālguna.* *Sukla.* *Chaitra.* *Bahula.* *Vaiśākha.* *Sukla.* *Jyaishtha.*

Subhānu. **Makara—Tai.** *Sukla.* *Māgha.* *Bahula.* *Phālguna.* *Sukla.* *Chaitra.* *Bahula.* *Vaiśākha.* *Sukla.* *Jyaishtha.* *Bahula.* *Āshādha.*

H. 434 *Zi-l-hijja.* H. 435 *Muharram.* H. 435 *Rabī-ul awwal.* H. 435 *Rabī-ul ākhir.* H. 435 *Jamādā'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1044. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·12. **Śaka 966.** **Kaliyuga 4145.**
Lunar Eclipse. ○ (Arya Sid.) March 23·08. **(S. Cycle) Tāraṇa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	13 ·14	19 ·08	27	9	Thur. 1	14 ·54	24 ·02	28	9	Tues. 1	1 ·19	4 ·46	—30
10	Mon. 2	14 ·22	20 ·17	28	10	Fri. 2	—A ·52	25 ·04	29			2 ·09		
11	Tues. 3	—A ·28	21 ·25	29	11	Sat. 3	1 ·47	26 ·03	—30	10	Wed. 2	3 ·99	5 ·39	1
12	Wed. 4	1 ·31	22 ·32	—30				27 ·00		11	Thur. 3	4 ·89	6 ·32	2
13	Thur. 5	2 ·33	23 ·36	1	12	Sun. 4	2 ·41	1 ·96	1	12	Fri. 4	5 ·79	7 ·26	3
14	Fri. 6	3 ·33	24 ·38	2	13	Mon. 5	3 ·33	2 ·90	2	13	Sat. 5	6 ·70	8 ·20	4
15	Sat. 7	4 ·32	25 ·38	3	14	Tues. 6	4 ·25	3 ·85	3	14	Sun. 6	7 ·63	9 ·15	5
16	Sun. 8	5 ·27	26 ·36	4	15	Wed. 7	5 ·15	4 ·78	4	15	Mon. 7	8 ·57	10 ·11	6
17	Mon. 9	6 ·21	27 ·34	5						16	Tues. 8	9 ·52	11 ·08	7
18	Tues. 10	7 ·14	1 ·29	6	16	Thur. 8	6 ·05	5 ·71	5	17	Wed. 9	10 ·50	12 ·09	8
19	Wed. 11	8 ·05	2 ·23	7	17	Fri. 9	7 ·95	6 ·64	6	18	Thur. 10	11 ·49	13 ·10	9
		9 ·96			18	Sat. 10	8 ·86	7 ·57	7	19	Fri. 11	12 ·51	14 ·14	10
20	Thur. 12	10 ·86	3 ·16	8	19	Sun. 11	9 ·77	8 ·52	8	20	Sat. 12	13 ·54	15 ·20	11
21	Fri. 13	11 ·76	4 ·09	9	20	Mon. 12	10 ·68	9 ·48	9	21	Sun. 13	14 ·59	16 ·27	12
			5 ·08		21	Tues. 13	11 ·60	10 ·45	10	22	Mon. ○ 14	P ·69	17 ·37	13
22	Sat. 14	12 ·67	6 ·96	10	22	Wed. 14	12 ·53	11 ·43	11	23	Tues. 15	1 ·76	18 ·47	14
23	Sun. 15	13 ·58	7 ·90	11	23	Thur. 15	13 ·50	12 ·44	12	24	Wed. 16	2 ·84	19 ·58	15
24	Mon. 16	14 ·49	8 ·85	12	24	Fri. 16	14 ·47	13 ·46	13	25	Thur. 17	3 ·91	20 ·68	16
25	Tues. 17	P ·42	9 ·81	13	25	Sat. 17	P ·47	14 ·52	14	26	Fri. 18	4 ·98	21 ·78	17
26	Wed. 18	1 ·37	10 ·80	14	26	Sun. 18	1 ·49	15 ·58	15	27	Sat. 19	... ...	22 ·86	18
27	Thur. 19	2 ·33	11 ·79	15	27	Mon. 19	2 ·54	16 ·67	16	28	Sun. 20	5 ·03	23 ·94	19
28	Fri. 20	3 ·31	12 ·80	16	28	Tues. 20	3 ·59	17 ·76	17	29	Mon. 21	6 ·07	24 ·98	20
29	Sat. 21	4 ·30	13 ·84	17	29	Wed. 21	4 ·67	18 ·87	18	30	Tues. 22	7 ·09	... ...	21
—30	Sun. 22	5 ·34	14 ·89	18	—30	Thur. 22	5 ·76	19 ·98	19	—31	Wed. 23	8 ·08	25 ·00	22
1	Mon. 23	6 ·38	15 ·96	19	1	Fri. 23	6 ·84	... ...	20				26 ·00	
2	Tues. 24	7 ·44	... ...	20	2	Sat. 24	7 ·92	20 ·09	21	1	Thur. 24	9 ·06	27 ·99	23
3	Wed. 25	8 ·51	16 ·06	21	3	Sun. 25	8 ·99	21 ·18	22					
4	Thur. 26	9 ·60	17 ·16	22	4	Mon. 26	... ...	22 ·25	23	2	Fri. 25	10 ·01	1 ·97	24
5	Fri. 27	10 ·68	18 ·27	23	5	Tues. 27	9 ·05	23 ·30	24			11 ·95		
6	Sat. 28	11 ·77	19 ·38	24	6	Wed. 28	10 ·09	24 ·35	25	3	Sat. 26	12 ·87	2 ·92	25
7	Sun. 29	12 ·84	20 ·47	25	7	Thur. 29	11 ·09	25 ·36	26	4	Sun. 27	13 ·78	3 ·86	26
8	Mon. 30	13 ·90	21 ·57	26	8	Fri. 30	12 ·08	26 ·35	27	5	Mon. 28	14 ·68	4 ·79	27
9	Tues. 31	14 ·94	22 ·63	27			13 ·06			6	Tues. 29	—A ·58	5 ·72	28
					9	Sat. 31	14 ·01	27 ·33	28	7	Wed. 30	1 ·48	6 ·66	—29
	Feb.						A ·95			8	Thur. 31	2 ·38	7 ·60	1
						April.					**June.**			
10	Wed. 1	—A ·95	23 ·68	28	10	Sun. 1	1 ·88	1 ·29	—29	9	Fri. 1	3 ·28	8 ·53	2
11	Thur. 2	1 ·95	24 ·70	—29	11	Mon. 2	2 ·79	2 ·24	1	10	Sat. 2	4 ·19	9 ·48	3
12	Fri. 3	2 ·93	25 ·71	1	12	Tues. 3	3 ·69	3 ·19	2	11	Sun. 3	5 ·12	10 ·44	4
13	Sat. 4	3 ·88	26 ·70	2	13	Wed. 4	4 ·58	4 ·12	3	12	Mon. 4	6 ·05	11 ·42	5
14	Sun. 5	4 ·83	27 ·67	3				5 ·05				7 ·00		
15	Mon. 6	5 ·75	1 ·62	4	14	Thur. 5	5 ·48	6 ·98	4	13	Tues. 5	8 ·98	12 ·41	6
16	Tues. 7	6 ·67	2 ·57	5	15	Fri. 6	6 ·38	7 ·91	5	14	Wed. 6	9 ·97	13 ·42	7
17	Wed. 8	7 ·57	3 ·50	6	16	Sat. 7	7 ·29	8 ·86	6	15	Thur. 7	10 ·99	14 ·42	8
18	Thur. 9	8 ·47	4 ·44	7	17	Sun. 8	8 ·21	9 ·81	7	16	Fri. 8	... ...	15 ·50	9
19	Fri. 10	9 ·37	5 ·37	8	18	Mon. 9	9 ·13	10 ·78	8	17	Sat. 9	11 ·02	16 ·58	10
20	Sat. 11	10 ·27	6 ·30	9	19	Tues. 10	10 ·07	11 ·76	9	18	Sun. 10	12 ·08	17 ·67	11
21	Sun. 12	11 ·18	7 ·24	10	20	Wed. 11	11 ·03	12 ·76	10	19	Mon. 11	13 ·15	18 ·77	12
22	Mon. 13	12 ·10	8 ·18	11	21	Thur. 12	12 ·00	13 ·79	11	20	Tues. 12	14 ·22	19 ·88	13
		13 ·03			22	Fri. 13	13 ·00	14 ·83	12	21	Wed. 13	P ·31	20 ·98	14
23	Tues. 14	14 ·97	9 ·14	12	23	Sat. 14	14 ·02	15 ·89	13	22	Thur. 14	1 ·40	... ...	15
24	Wed. 15	P ·94	10 ·12	13	24	Sun. 15	P ·06	16 ·97	14	23	Fri. 15	2 ·46	21 ·08	16
25	Thur. 16	1 ·91	11 ·11	14	25	Mon. 16	1 ·11	... ...	15	24	Sat. 16	3 ·51	22 ·18	17
26	Fri. 17	2 ·91	12 ·12	15	26	Tues. 17	2 ·19	17 ·06	16	25	Sun. 17	4 ·56	23 ·25	18
27	Sat. 18	3 ·93	13 ·15	16	27	Wed. 18	3 ·27	18 ·18	17	26	Mon. 18	5 ·57	24 ·29	19
28	Sun. 19	4 ·97	14 ·20	17	28	Thur. 19	4 ·35	19 ·28	18	27	Tues. 19	6 ·56	25 ·32	20
29	Mon. 20	... ...	15 ·28	18	29	Fri. 20	5 ·43	20 ·39	19	28	Wed. 20	7 ·54	26 ·33	21
30	Tues. 21	5 ·03	16 ·37	19	30	Sat. 21	6 ·50	21 ·48	20	29	Thur. 21	8 ·49	27 ·33	22
1	Wed. 22	6 ·11	17 ·46	20	—31	Sun. 22	7 ·56	22 ·56	21	30	Fri. 22	9 ·42	1 ·30	23
2	Thur. 23	7 ·20	18 ·57	21	1	Mon. 23	8 ·59	23 ·63	22	31	Sat. 23	10 ·34	2 ·25	24
3	Fri. 24	8 ·29	19 ·68	22	2	Tues. 24	9 ·60	24 ·66	23	—32	Sun. 24	11 ·26	3 ·20	25
4	Sat. 25	9 ·38	20 ·79	23	3	Wed. 25	10 ·59	25 ·68	24	1	Mon. 25	12 ·17	4 ·13	26
5	Sun. 26	10 ·45	21 ·87	24	4	Thur. 26	11 ·58	26 ·68	25			13 ·07		
6	Mon. 27	11 ·50	22 ·94	25	5	Fri. 27	12 ·53	27 ·66	26	2	Tues. 26	14 ·97	5 ·07	27
7	Tues. 28	12 ·54	23 ·99	26	6	Sat. 28	13 ·45	1 ·62	27				6 ·00	
8	Wed. 29	13 ·54	... ...	27	7	Sun. 29	14 ·37	2 ·58	28	3	Wed. 27	—A ·87	7 ·93	28
					8	Mon. 30	—A ·29	3 ·52	29	4	Thur. 28	1 ·77	8 ·87	29
										5	Fri. 29	2 ·67	9 ·81	—30
										6	Sat. 30	3 ·60	10 ·78	1

Subhānu. Makara—Tai. Śukla. Māgha. Bahula. Phālguna. Śukla. Kumbha—Māśi. Bahula. Śubhānu. Mīna—Paṅguni. Śukla. Chaitra. Bahula. Śubhānu. Mīna—Paṅguni. Bahula. Tāraṇa. Mēsha—Chittirai. Śukla. Vaiśākha. Bahula. Tāraṇa. Vṛishabha—Vaigāśi. Śukla. Jyeshṭha. Bahula. Tāraṇa. Mithuna—Āni. Śukla. Āshādha. Bahula. Tāraṇa. Kark.—Ādi.

H. 435 Jamādu'l ākhir. H. 435 Shaʻbān. H. 435 Ramażān. H. 435 Shawwāl. H. 435 Zi-l-ka'da.

Nakah:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1044. **Kollam 220.** { **N. Malabar—Aug.** **Hijra 436.** **Vikrama 1101.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences July 29. **Bengal San. 450.**
P—Paurnimā. **(N. Cycle) Vyaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sun. 1	4 ·53	11 ·75	2	6	Sat. 1	7 ·66	18 ·67	5	7	Thur. 1	8 ·25	24 ·86	7
8	Mon. 2	5 ·48	12 ·73	3	7	Sun. 2	8 ·74	19 ·78	6	8	Fri. 2	9 ·30	25 ·91	8
9	Tues. 3	6 ·46	13 ·74	4	8	Mon. 3	9 ·82	20 ·89	7	9	Sat. 3	10 ·33	26 ·94	9
10	Wed. 4	7 ·45	14 ·76	5	9	Tues. 4	10 ·91	21 ·99	8	10	Sun. 4	11 ·32	27 ·95	10
11	Thur. 5	8 ·46	15 ·81	6	10	Wed. 5	11 ·98	... ...	9	11	Mon. 5	12 ·31	1 ·95	11
12	Fri. 6	9 ·49	16 ·89	7	11	Thur. 6	... ...	22 ·09	10	12	Tues. 6	13 ·27	2 ·92	12
13	Sat. 7	10 ·55	17 ·97	8	12	Fri. 7	12 ·05	23 ·17	11	13	Wed. 7	14 ·21	3 ·88	13
14	Sun. 8	11 ·62	... ...	9	13	Sat. 8	13 ·09	24 ·24	12	14	Thur. ○ 8	P ·14	4 ·83	14
15	Mon. 9	12 ·70	18 ·07	10	14	Sun. 9	14 ·11	25 ·28	13	15	Fri. 9	1 ·07	5 ·76	15
16	Tues. 10	13 ·78	19 ·17	11	15	Mon. 10	P ·11	26 ·30	14			2 ·97		
17	Wed. 11	14 ·87	20 ·28	12	16	Tues. 11	1 ·09	27 ·30	15	16	Sat. 10	3 ·87	6 ·71	16
18	Thur. 12	P ·94	21 ·39	13	17	Wed. 12	2 ·06	1 ·29	16	17	Sun. 11	4 ·77	7 ·63	17
19	Fri. 13	1 ·99	22 ·48	14			3 ·00			18	Mon. 12	5 ·67	8 ·56	18
20	Sat. 14	... ...	23 ·55	15	18	Thur. 13	4 ·93	2 ·25	17	19	Tues. 13	6 ·58	9 ·50	19
21	Sun. 15	2 ·03	24 ·61	16	19	Fri. 14	5 ·84	3 ·21	18	20	Wed. 14	7 ·49	10 ·44	20
22	Mon. 16	3 ·05	25 ·64	17	20	Sat. 15	6 ·75	4 ·15	19	21	Thur. 15	8 ·43	11 ·40	21
23	Tues. 17	4 ·05	26 ·66	18	21	Sun. 16	7 ·65	5 ·09	20	22	Fri. 16	9 ·37	12 ·37	22
24	Wed. 18	5 ·03	27 ·65	19	22	Mon. 17	8 ·55	6 ·02	21	23	Sat. 17	10 ·33	13 ·36	23
		6 ·98						7 ·95						
25	Thur. 19	7 ·92	1 ·63	20	23	Tues. 18	9 ·45	8 ·89	22	24	Sun. 18	11 ·32	14 ·36	24
26	Fri. 20	8 ·84	2 ·59	21	24	Wed. 19	10 ·35	9 ·83	23	25	Mon. 19	12 ·31	15 ·38	25
27	Sat. 21	9 ·76	3 ·53	22	25	Thur. 20	11 ·27	10 ·77	24	26	Tues. 20	13 ·34	16 ·43	26
28	Sun. 22	10 ·66	4 ·48	23	26	Fri. 21	12 ·19	11 ·73	25	27	Wed. 21	14 ·38	17 ·50	27
29	Mon. 23	11 ·56	5 ·41	24	27	Sat. 22	13 ·13	12 ·71	26	28	Thur. ● 22	—A ·44	18 ·58	28
30	Tues. 24	12 ·46	6 ·34	25	28	Sun. 23	14 ·08	13 ·71	27	29	Fri. 23	1 ·51	19 ·68	29
31	Wed. 25	13 ·36	7 ·27	26	29	Mon. 24	—A ·07	14 ·72	28	1	Sat. 24	2 ·61	20 ·78	1
1	Thur. 26	14 ·26	8 ·20	27	30	Tues. 25	1 ·07	15 ·75	29	2	Sun. 25	3 ·70	21 ·89	2
2	Fri. 27	—A ·17	9 ·15	28	1	Wed. 26	2 ·08	16 ·81	1	3	Mon. 26	4 ·77	... ...	3
3	Sat. 28	1 ·10	10 ·11	29	2	Thur. 27	3 ·12	17 ·88	2	4	Tues. 27	5 ·84	22 ·00	4
4	Sun. 29	2 ·03	11 ·07	1	3	Fri. 28	4 ·17	18 ·98	3	5	Wed. 28	6 ·91	23 ·09	5
		3 ·98			4	Sat. 29	5 ·24	... ...	4	6	Thur. 29	7 ·96	24 ·17	6
5	Mon. 30	4 ·96	12 ·06	2	5	Sun. 30	6 ·32	19 ·08	5	7	Fri. 30	8 ·97	25 ·22	7
6	Tues. 31	5 ·96	13 ·06	3										
	Aug.					**Oct.**					**Dec.**			
7	Wed. 1	6 ·96	14 ·08	4	6	Mon. 1	7 ·41	20 ·19	6	8	Sat. 1	9 ·98	26 ·26	8
8	Thur. 2	... ...	15 ·13	5	7	Tues. 2	8 ·50	21 ·29	7	9	Sun. 2	10 ·95	27 ·28	9
9	Fri. 3	7 ·00	16 ·19	6	8	Wed. 3	9 ·59	22 ·39	8	10	Mon. 3	11 ·91	1 ·28	10
10	Sat. 4	8 ·05	17 ·27	7	9	Thur. 4	10 ·64	23 ·48	9	11	Tues. 4	12 ·86	2 ·25	11
11	Sun. 5	9 ·11	18 ·37	8	10	Fri. 5	11 ·68	24 ·54	10	12	Wed. 5	13 ·78	3 ·21	12
12	Mon. 6	10 ·20	19 ·47	9	11	Sat. 6	12 ·72	25 ·61	11	13	Thur. 6	14 ·70	4 ·16	13
13	Tues. 7	11 ·29	20 ·59	10	12	Sun. 7	13 ·70	26 ·62	12	14	Fri. 7	P ·61	5 ·11	14
14	Wed. 8	12 ·37	21 ·69	11	13	Mon. 8	14 ·68	27 ·63	13	15	Sat. 8	1 ·51	6 ·04	15
15	Thur. 9	13 ·45	22 ·78	12	14	Tues. 9	P ·65	1 ·61	14				7 ·97	
16	Fri. 10	14 ·51	23 ·86	13	15	Wed. 10	1 ·60	2 ·59	15	16	Sun. 9	2 ·41	8 ·90	16
17	Sat. 11	P ·55	24 ·92	14	16	Thur. 11	2 ·52	3 ·55	16	17	Mon. 10	3 ·32	9 ·84	17
18	Sun. 12	1 ·56	25 ·97	15	17	Fri. 12	3 ·43	4 ·49	17	18	Tues. 11	4 ·23	10 ·79	18
19	Mon. 13	2 ·56	26 ·98	16	18	Sat. 13	4 ·34	5 ·43	18	19	Wed. 12	5 ·14	11 ·74	19
20	Tues. 14	3 ·54	27 ·98	17	19	Sun. 14	5 ·24	6 ·36	19	20	Thur. 13	6 ·07	12 ·70	20
21	Wed. 15	4 ·50	1 ·96	18	20	Mon. 15	6 ·14	7 ·30	20	21	Fri. 14	7 ·01	13 ·68	21
22	Thur. 16	5 ·44	2 ·92	19	21	Tues. 16	7 ·05	8 ·23	21			8 ·98		
23	Fri. 17	6 ·37	3 ·88	20			8 ·96			22	Sat. 15	9 ·96	14 ·68	22
24	Sat. 18	7 ·28	4 ·82	21	22	Wed. 17	9 ·87	9 ·16	22	23	Sun. 16	10 ·96	15 ·70	23
25	Sun. 19	8 ·19	5 ·75	22	23	Thur. 18	10 ·79	10 ·11	23	24	Mon. 17	11 ·98	16 ·74	24
26	Mon. 20	9 ·09	6 ·68	23	24	Fri. 19	11 ·74	11 ·06	24	25	Tues. 18	... ...	17 ·80	25
		10 ·99			25	Sat. 20	12 ·69	12 ·04	25	26	Wed. 19	12 ·02	18 ·88	26
27	Tues. 21	11 ·89	7 ·61	24	26	Sun. 21	13 ·68	13 ·03	26	27	Thur. 20	13 ·09	19 ·98	27
28	Wed. 22	12 ·79	8 ·54	25	27	Mon. 22	14 ·67	14 ·04	27	28	Fri. 21	14 ·17	... ...	28
29	Thur. 23	13 ·70	9 ·49	26	28	Tues. 23	—A ·70	15 ·07	28	29	Sat. 22	—A ·26	20 ·08	29
30	Fri. 24	14 ·63	10 ·44	27	29	Wed. 24	1 ·78	16 ·12	29	30	Sun. 23	1 ·35	21 ·20	30
31	Sat. 25	—A ·57	11 ·40	28	30	Thur. 25	2 ·79	17 ·19	30	1	Mon. 24	2 ·43	22 ·30	1
32	Sun. 26	1 ·51	12 ·38	29	1	Fri. 26	3 ·86	18 ·28	1	2	Tues. 25	3 ·51	23 ·39	2
1	Mon. 27	2 ·49	13 ·38	30	2	Sat. 27	4 ·95	19 ·38	2	3	Wed. 26	4 ·56	24 ·47	3
2	Tues. 28	3 ·49	14 ·40	1	3	Sun. 28	... ...	20 ·48	3	4	Thur. 27	5 ·60	25 ·53	4
3	Wed. 29	4 ·50	15 ·44	2	4	Mon. 29	5 ·04	21 ·59	4	5	Fri. 28	6 ·61	26 ·58	5
4	Thur. 30	5 ·54	16 ·50	3	5	Tues. 30	6 ·12	22 ·69	5	6	Sat. 29	7 ·62	27 ·60	6
5	Fri. 31	6 ·59	17 ·58	4	6	Wed. 31	7 ·20	23 ·79	6	7	Sun. 30	8 ·59	1 ·60	7
										8	Mon. 31	9 ·56	2 ·58	8

Tirana. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Adhika Bhādrapada.** *Sukla.* **Śimha—Āvani.** *Tirana.* **Kanyā—Puraṭṭāśi.** *Tirana.* **Tulā—Aippaśi.** *Tirana.* **Vṛśchika—Kārttigai.** *Tirana.* **Dhanus—Mārgali.** *Tirana.* **Makara—Tai.** *Sukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Sukla.*

Muharram. H. 436 *Zi-l-hijja.* H. 435 *Safar.* H. 436 *Rabi-ul awwal.* H. 436 *Rabi-ul ākhir.* H. 436 *Jamāda'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1045. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·38.** **Śaka 967.** **Kaliyuga 4146.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·34.** **(S. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Tues.	1	10 ·50	3 ·55	9	9	Fri.	1	10 ·34	8 ·93	9	9	Wed.	1	13 ·85	14 ·30	11
10	Wed.	2	11 ·42	4 ·51	10	10	Sat.	2	11 ·24	9 ·86	10	10	Thur.	2	14 ·83	15 ·30	12
11	Thur.	3	12 ·33	5 ·45	11	11	Sun.	3	12 ·15	10 ·79	11	11	Fri. ○	3	P ·82	16 ·32	13
12	Fri.	4	13 ·24	6 ·38	12	12	Mon.	4	13 ·06	11 ·74	12	12	Sat.	4	1 ·84	17 ·36	14
13	Sat.	5	14 ·15	7 ·31	13				14 ·97			13	Sun.	5	2 ·88	18 ·42	15
14	Sun.	6	P ·05	8 ·24	14	13	Tues.	5	P ·89	12 ·69	13	14	Mon.	6	3 ·94	19 ·49	16
			1 ·95			14	Wed.	6	1 ·84	13 ·67	14	15	Tues.	7	... ...	20 ·58	17
15	Mon.	7	2 ·85	9 ·18	15	15	Thur.	7	2 ·80	14 ·65	15	16	Wed.	8	4 ·01	21 ·68	18
16	Tues.	8	3 ·77	10 ·12	16	16	Fri.	8	3 ·79	15 ·66	16	17	Thur.	9	5 ·09	22 ·80	19
17	Wed.	9	4 ·70	11 ·07	17	17	Sat.	9	4 ·79	16 ·68	17	18	Fri.	10	6 ·18	23 ·91	20
18	Thur.	10	5 ·65	12 ·03	18	18	Sun.	10	5 ·82	17 ·73	18	19	Sat.	11	7 ·26	... ...	21
19	Fri.	11	6 ·61	13 ·01	19	19	Mon.	11	6 ·85	18 ·80	19	20	Sun.	12	8 ·33	24 ·00	22
20	Sat.	12	7 ·60	14 ·00	20	20	Tues.	12	7 ·91	19 ·89	20	21	Mon.	13	9 ·37	25 ·08	23
21	Sun.	13	8 ·60	15 ·02	21	21	Wed.	13	... ...	20 ·98	21	22	Tues.	14	10 ·40	26 ·15	24
22	Mon.	14	9 ·63	16 ·06	22	22	Thur.	14	8 ·00	... ...	22	23	Wed.	15	11 ·41	27 ·20	25
23	Tues.	15	10 ·67	17 ·11	23	23	Fri.	15	9 ·08	21 ·09	23	24	Thur.	16	12 ·41	1 ·22	26
24	Wed.	16	11 ·74	18 ·19	24	24	Sat.	16	10 ·16	22 ·20	24	25	Fri.	17	13 ·39	2 ·22	27
25	Thur.	17	12 ·82	19 ·28	25	25	Sun.	17	11 ·24	23 ·31	25	26	Sat.	18	14 ·34	3 ·21	28
26	Fri.	18	13 ·90	20 ·39	26	26	Mon.	18	12 ·30	24 ·40	26	27	Sun.	19	—A ·27	4 ·17	—29
27	Sat.	19	14 ·98	21 ·49	27	27	Tues.	19	13 ·36	25 ·47	27	28	Mon.	20	1 ·20	5 ·14	1
28	Sun.	20	... ...	22 ·60	28	28	Wed.	20	14 ·40	26 ·52	28	29	Tues.	21	2 ·10	6 ·08	2
—29	Mon.	21	—A ·06	23 ·70	—29	29	Thur.	21	—A ·40	27 ·56	—29						
1	Tues.	22	1 ·14	24 ·78	1	—30	Fri.	22	1 ·39	1 ·57	1	30	Wed.	22	3 ·00	7 ·01	3
2	Wed.	23	2 ·21	25 ·85	2	1	Sat.	23	2 ·37	2 ·57	2				4 ·90	8 ·94	
3	Thur.	24	3 ·24	26 ·90	3	2	Sun.	24	3 ·32	3 ·55	3	31	Thur.	23	5 ·80	9 ·87	4
4	Fri.	25	4 ·25	27 ·92	4	3	Mon.	25	4 ·26	4 ·51	4	—32	Fri.	24	6 ·70	10 ·81	5
5	Sat.	26	5 ·24	1 ·93	5	4	Tues.	26	5 ·18	5 ·46	5	1	Sat.	25	7 ·60	11 ·75	6
6	Sun.	27	6 ·21	2 ·91	6				6 ·09			2	Sun.	26	8 ·51	12 ·70	7
7	Mon.	28	7 ·18	3 ·89	7	5	Wed.	27	7 ·99	6 ·40	6	3	Mon.	27	9 ·43	13 ·66	8
8	Tues.	29	8 ·11	4 ·84	8	6	Thur.	28	8 ·89	7 ·34	7	4	Tues.	28	10 ·37	14 ·63	9
9	Wed.	30	9 ·04	5 ·79	9	7	Fri.	29	9 ·79	8 ·27	8	5	Wed.	29	11 ·23	15 ·62	10
			10 ·95			8	Sat.	30	10 ·69	9 ·20	9	6	Thur.	30	12 ·30	16 ·64	11
10	Thur.	31	11 ·86	6 ·72	10	9	Sun.	31	11 ·60	10 ·13	10	7	Fri.	31	13 ·30	17 ·67	12
		Feb.						**April.**						**June.**			
11	Fri.	1	12 ·77	7 ·65	11	10	Mon.	1	12 ·51	11 ·07	11	8	Sat.	1	14 ·32	18 ·72	13
12	Sat.	2	13 ·67	8 ·58	12	11	Tues.	2	13 ·44	12 ·03	12	9	Sun.	2	P ·35	19 ·79	14
13	Sun.	3	14 ·57	9 ·52	13	12	Wed.	3	14 ·38	13 ·00	13	10	Mon.	3	1 ·41	20 ·88	15
14	Mon.	4	P ·47	10 ·46	14					14 ·98		11	Tues.	4	2 ·48	21 ·99	16
15	Tues.	5	1 ·39	11 ·40	15	13	Thur.	4	P ·33	15 ·98	14	12	Wed.	5	3 ·57	... ...	17
16	Wed.	6	2 ·31	12 ·36	16	14	Fri.	5	1 ·32	... ...	15	13	Thur.	6	4 ·65	22 ·10	18
17	Thur.	7	3 ·26	13 ·33	17	15	Sat.	6	2 ·31	16 ·00	16	14	Fri.	7	5 ·73	23 ·20	19
18	Fri.	8	4 ·22	14 ·33	18	16	Sun.	7	3 ·34	17 ·05	17	15	Sat.	8	6 ·80	24 ·30	20
19	Sat.	9	5 ·21	15 ·34	19	17	Mon.	8	4 ·38	18 ·11	18	16	Sun.	9	7 ·85	25 ·39	21
20	Sun.	10	6 ·20	16 ·37	20	18	Tues.	9	5 ·45	19 ·19	19	17	Mon.	10	8 ·88	26 ·47	22
21	Mon.	11	7 ·24	17 ·42	21	19	Wed.	10	6 ·52	20 ·28	20	18	Tues.	11	9 ·90	27 ·51	23
22	Tues.	12	8 ·28	18 ·49	22	20	Thur.	11	7 ·60	21 ·39	21	19	Wed.	12	10 ·88	1 ·54	24
23	Wed.	13	9 ·34	19 ·59	23	21	Fri.	12	8 ·68	22 ·49	22	20	Thur.	13	11 ·85	2 ·55	25
24	Thur.	14	10 ·42	20 ·69	24	22	Sat.	13	9 ·76	23 ·61	23	21	Fri.	14	12 ·81	3 ·54	26
25	Fri.	15	11 ·51	21 ·79	25	23	Sun.	14	10 ·83	24 ·70	24	22	Sat.	15	13 ·75	4 ·52	27
26	Sat.	16	12 ·60	22 ·90	26	24	Mon.	15	11 ·89	25 ·78	25	23	Sun.	16	14 ·67	5 ·47	28
27	Sun.	17	13 ·68	... ...	27	25	Tues.	16	12 ·92	26 ·84	26	24	Mon.	17	—A ·58	6 ·42	29
28	Mon.	18	14 ·74	23 ·00	28	26	Wed.	17	13 ·92	27 ·87	27	25	Tues.	18	1 ·48	7 ·35	30
29	Tues.	19	—A ·80	24 ·09	29	27	Thur.	18	14 ·92	1 ·90	28	26	Wed.	19	2 ·38	8 ·28	1
30	Wed.	20	1 ·83	25 ·16	—30	28	Fri. ●	19	—A ·89	2 ·90	29	27	Thur.	20	3 ·28	9 ·22	2
1	Thur.	21	2 ·84	26 ·21	1	29	Sat.	20	1 ·83	3 ·88	30	28	Fri.	21	4 ·18	10 ·15	3
2	Fri.	22	3 ·83	27 ·24	2	30	Sun.	21	2 ·77	4 ·84	1				5 ·08		
3	Sat.	23	4 ·81	1 ·25	3	31	Mon.	22	3 ·69	5 ·79	2	29	Sat.	22	6 ·99	11 ·09	4
4	Sun.	24	5 ·77	2 ·24	4	1	Tues.	23	4 ·61	6 ·74	3						
5	Mon.	25	6 ·70	3 ·22	5	2	Wed.	24	5 ·51	7 ·68	4	30	Sun.	23	7 ·91	12 ·03	5
6	Tues.	26	7 ·63	4 ·18	6	3	Thur.	25	6 ·41	8 ·60	5					13 ·99	
7	Wed.	27	8 ·54	5 ·12	7	4	Fri.	26	7 ·31	9 ·53	6	—31	Mon.	24	8 ·86	14 ·96	6
				6 ·06		5	Sat.	27	8 ·21	10 ·47	7	1	Tues.	25	9 ·81	15 ·95	7
8	Thur.	28	9 ·44	7 ·99	8	6	Sun.	28	9 ·11	11 ·42	8	2	Wed.	26	10 ·78	16 ·96	8
									10 ·02			3	Thur.	27	11 ·78	17 ·98	9
						7	Mon.	29	11 ·95	12 ·37	9	4	Fri.	28	12 ·80	.. ..	10
						8	Tues.	30	12 ·89	13 ·33	10	5	Sat.	29	13 ·88	18 ·03	11
												6	Sun.	30	14 ·88	19 ·10	12

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1045. **Kollam 221,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 437.** Commences **July 19.** **Vikrama 1102.** **Bengal San. 451.** **(N. Cycle) Sarvajit.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Pārthiva. **Karkataka—Ādi.** 7	Mon.	1	**P** ·96	20 ·19	13	*Pārthiva.* **Kanyā—Puraṭṭāsi.** 6	Sun.	1	2 ·40	27 ·45	15	*Pārthiva.* **Vṛiśchika—Kārttigai.** 7	Fri.	1	4 ·43	6 ·10	17
8	Tues.	2	... ...	21 ·29	14	7	Mon.	2	3 ·41	1 ·49	16	8	Sat.	2	5 ·34	7 ·05	18
9	Wed.	3	1 ·04	22 ·40	15	8	Tues.	3	4 ·42	2 ·52	17	9	Sun.	3	6 ·25	8 ·98	19
10	Thur.	4	2 ·12	23 ·50	16	9	Wed.	4	5 ·39	3 ·52	18	10	Mon.	4	7 ·15	9 ·91	20
11	Fri.	5	3 ·20	24 ·60	17	10	Thur.	5	6 ·35	4 ·50	19				8 ·05	10 ·85	
12	Sat.	6	4 ·27	25 ·70	18	11	Fri.	6	7 ·30	5 ·47	20	11	Tues.	5	9 ·96	11 ·78	21
13	Sun.	7	5 ·32	26 ·77	19	12	Sat.	7	8 ·23	6 ·42	21	12	Wed.	6	10 ·87	12 ·72	22
14	Mon.	8	6 ·36	27 ·83	20	13	Sun.	8	9 ·14	7 ·37	22	13	Thur.	7	11 ·79	13 ·66	23
15	Tues.	9	7 ·38	1 ·86	21	14	Mon.	9	10 ·04	8 ·31	23	14	Fri.	8	12 ·71	14 ·61	24
16	Wed.	10	8 ·37	2 ·87	22				11 ·94			15	Sat.	9	13 ·66	15 ·58	25
17	Thur.	11	9 ·34	3 ·87	23	15	Tues.	10	12 ·84	9 ·24	24	16	Sun.	10	14 ·61	16 ·58	26
18	Fri.	12	10 ·29	4 ·85	24	16	Wed.	11	13 ·74	10 ·17	25	17	Mon.	11	**A** ·59	17 ·58	27
19	Sat.	13	11 ·24	5 ·81	25	17	Thur.	12	14 ·65	11 ·10	26	18	Tues.	12	1 ·60	18 ·60	28
20	Sun.	14	12 ·17	6 ·75	26	18	Fri.	13	**A** ·56	12 ·05	27	19	Wed.	13	2 ·62	19 ·65	29
21	Mon.	15	13 ·08	7 ·69	27					13 ·99		20	Thur.	14	3 ·67	20 ·71	1
22	Tues.	16	**A** ·88	8 ·62	28	19	Sat.	14	1 ·50	14 ·96	28	21	Fri.	15	4 ·72	21 ·80	2
23	Wed.	17	1 ·78	9 ·56	29	20	Sun.	15	2 ·44	15 ·93	29	22	Sat.	16	5 ·80	22 ·90	3
24	Thur.	18	2 ·67	10 ·49	30	21	Mon.	16	3 ·39	16 ·92	1	23	Sun.	17	6 ·89	... ...	4
25	Fri.	19	3 ·57	11 ·42	1	22	Tues.	17	4 ·37	17 ·94	2	24	Mon.	18	7 ·98	23 ·00	5
26	Sat.	20	4 ·49	12 ·37	2	23	Wed.	18	5 ·36	18 ·97	3	25	Tues.	19	... ...	24 ·11	6
27	Sun.	21	5 ·41	13 ·32	3	24	Thur.	19	6 ·38	... ...	4	26	Wed.	20	8 ·07	25 ·21	7
28	Mon.	22	6 ·35	14 ·29	4	25	Fri.	20	7 ·42	19 ·03	5	27	Thur.	21	9 ·14	26 ·31	8
29	Tues.	23	7 ·30	15 ·28	5	26	Sat.	21	8 ·48	20 ·10	6	28	Fri.	22	10 ·20	27 ·39	9
30	Wed.	24	8 ·28	16 ·28	6	27	Sun.	22	9 ·54	21 ·19	7	29	Sat.	23	11 ·24	1 ·44	10
31	Thur.	25	9 ·27	17 ·30	7	28	Mon.	23	10 ·62	22 ·29	8	30	Sun.	24	12 ·26	2 ·48	11
32	Fri.	26	10 ·29	18 ·34	8	29	Tues.	24	11 ·71	23 ·41	9						
1	Sat.	27	11 ·33	19 ·41	9	30	Wed.	25	12 ·80	24 ·51	10	1	Mon.	25	13 ·25	3 ·49	12
2	Sun.	28	12 ·38	20 ·50	10	1	Thur.	26	13 ·89	25 ·61	11	2	Tues.	26	14 ·24	4 ·50	13
3	Mon.	29	13 ·45	21 ·59	11	2	Fri.	27	14 ·94	26 ·69	12	3	Wed.	27	**P** ·19	5 ·47	14
4	Tues.	30	14 ·53	22 ·69	12	3	Sat.	28	**P** ·98	27 ·76	13	4	Thur.	28	1 ·13	6 ·43	15
5	Wed.	31	**P** ·61	23 ·80	13	4	Sun.	29	... ...	1 ·82	14						
						5	Mon.	30	1 ·00	2 ·84	15	5	Fri.	29	2 ·06	7 ·38	16
												6	Sat.	30	3 ·97	8 ·32	17
	Aug.						**Oct.**						**Dec.**				
Pārthiva. **Siṁha—Āvaṇi.** 6	Thur.	1	1 ·70	24 ·91	14	*Pārthiva.* **Tulā—Aippaśi.** 6	Tues.	1	2 ·00	3 ·85	16	*Pārthiva.* **Dhanus—Mārgali.** 7	Sun.	1	4 ·88	9 ·26	18
7	Fri.	2	2 ·78	... ...	15				3 ·97			8	Mon.	2	5 ·78	9 ·26	18
8	Sat.	3	3 ·83	25 ·01	16	7	Wed.	2	4 ·94	4 ·83	17	9	Tues.	3	6 ·68	10 ·19	19
9	Sun.	4	4 ·86	26 ·08	17	8	Thur.	3	5 ·88	5 ·80	18	10	Wed.	4	7 ·58	11 ·12	20
10	Mon.	5	5 ·88	27 ·14	18	9	Fri.	4	6 ·81	6 ·77	19	11	Thur.	5	8 ·49	12 ·05	21
11	Tues.	6	6 ·87	1 ·18	19	10	Sat.	5	7 ·73	7 ·71	20				9 ·42	13 ·00	22
12	Wed.	7	7 ·85	2 ·20	20	11	Sun.	6	8 ·63	8 ·65	21					14 ·95	
13	Thur.	8	8 ·81	3 ·20	21	12	Mon.	7	9 ·53	9 ·58	22	12	Fri.	6	10 ·35	15 ·92	23
14	Fri.	9	9 ·76	4 ·18	22	13	Tues.	8	10 ·43	10 ·51	23	13	Sat.	7	11 ·30	16 ·90	24
15	Sat.	10	10 ·68	5 ·14	23	14	Wed.	9	11 ·33	11 ·45	24	14	Sun.	8	12 ·25	17 ·90	25
16	Sun.	11	11 ·59	6 ·09	24	15	Thur.	10	12 ·24	12 ·38	25	15	Mon.	9	13 ·24	18 ·92	26
				7 ·03		16	Fri.	11	13 ·16	13 ·33	26	16	Tues.	10	14 ·24	19 ·96	27
17	Mon.	12	12 ·49	8 ·97	25	17	Sat.	12	14 ·09	14 ·28	27	17	Wed.	11	**A** ·26	... ...	28
18	Tues.	13	13 ·39	9 ·90	26				**A** ·03			18	Thur.	12	1 ·32	20 ·02	29
19	Wed.	14	14 ·29	10 ·83	27	18	Sun.	13	1 ·98	15 ·25	28	19	Fri.	13	2 ·38	21 ·10	30
20	Thur.	15	**A** ·19	11 ·76	28	19	Mon.	14	2 ·97	16 ·25	29	20	Sat.	14	3 ·45	22 ·20	1
21	Fri.	16	1 ·10	12 ·70	29	20	Tues.	15	3 ·97	17 ·26	30	21	Sun.	15	4 ·54	23 ·30	2
22	Sat.	17	2 ·01	13 ·66	30	21	Wed.	16	4 ·98	18 ·29	1	22	Mon.	16	5 ·64	24 ·41	3
			3 ·94			22	Thur.	17	... ...	19 ·34	2	23	Tues.	17	6 ·72	25 ·52	4
23	Sun.	18	4 ·88	14 ·62	1	23	Fri.	18	5 ·03	20 ·40	3	24	Wed.	18	7 ·80	26 ·61	5
24	Mon.	19	5 ·82	15 ·60	2	24	Sat.	19	6 ·08	21 ·49	4	25	Thur.	19	8 ·85	27 ·69	6
25	Tues.	20	6 ·81	16 ·60	3	25	Sun.	20	7 ·15	22 ·60	5	26	Fri.	20	9 ·88	1 ·75	7
26	Wed.	21	7 ·80	17 ·61	4	26	Mon.	21	8 ·24	23 ·70	6	27	Sat.	21	10 ·90	2 ·79	8
27	Thur.	22	8 ·82	18 ·66	5	27	Tues.	22	9 ·33	24 ·81	7	28	Sun.	22	11 ·89	3 ·82	9
28	Fri.	23	9 ·86	19 ·72	6	28	Wed.	23	10 ·42	25 ·91	8	29	Mon.	23	12 ·88	4 ·82	10
29	Sat.	24	10 ·90	20 ·80	7	29	Thur.	24	11 ·49	... ...	9	1	Tues.	24	13 ·83	5 ·80	11
30	Sun.	25	11 ·97	21 ·89	x	30	Fri.	25	12 ·56	26 ·00	10	2	Wed.	25	14 ·78	6 ·77	12
31	Mon.	26	... ...	22 ·99	9	1	Sat.	26	13 ·60	27 ·08	11	3	Thur.	26	**P** ·71	7 ·72	13
1	Tues.	27	12 ·05	... ...	10	2	Sun.	27	14 ·61	1 ·13	12	4	Fri.	27	1 ·61	8 ·66	14
2	Wed.	28	13 ·14	23 ·10	11	3	Mon.	28	**P** ·61	2 ·16	13	5	Sat.	28	2 ·51	9 ·60	15
3	Thur.	29	14 ·23	24 ·21	12	4	Tues.	29	1 ·59	3 ·17	14	6	Sun.	29	3 ·41	10 ·53	16
4	Fri.	30	**P** ·31	25 ·31	13	5	Wed.	30	2 ·55	4 ·16	15	7	Mon.	30	4 ·32	11 ·46	17
5	Sat.	31	1 ·36	26 ·39	14	6	Thur.	31	3 ·50	5 ·14	16	8	Tues.	31	5 ·23	12 ·39	18

13 Hasta. 14 Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śatab.

A.D. 1046. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·64.** **Śaka 968.** **Kaliyuga 4147.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·60.** **(S. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Wed.	1	6 ·14	13 ·33	19	9	Sat.	1	6 ·11	18 ·88	19	8	Thur.	1	8 ·35	24 ·91	21
10	Thur.	2	7 ·06 / 8 ·99	14 ·29	20	10	Sun.	2	7 ·08	19 ·90	20	9	Fri.	2	9 ·48	... ...	22
11	Fri.	3	9 ·94	15 ·25	21	11	Mon.	3	8 ·09	20 ·95	21	10	Sat.	3	10 ·52	25 ·01	23
12	Sat.	4	10 ·89	16 ·22	22	12	Tues.	4	9 ·12	... ...	22	11	Sun.	4	11 ·59	26 ·13	24
13	Sun.	5	11 ·88	17 ·22	23	13	Wed.	5	10 ·16	21 ·01	23	12	Mon.	5	12 ·65	27 ·22	25
14	Mon.	6	12 ·88	18 ·23	24	14	Thur.	6	11 ·23	22 ·10	24	13	Tues.	6	13 ·71	1 ·30	26
15	Tues.	7	13 ·91	19 ·28	25	15	Fri.	7	12 ·31	23 ·20	25	14	Wed.	7	14 ·72	2 ·37	27
16	Wed.	8	14 ·96	20 ·33	26	16	Sat.	8	13 ·40	24 ·31	26	15	Thur.	8	—A ·73	3 ·41	28
17	Thur.	9	... ...	21 ·41	27	17	Sun.	9	14 ·48	25 ·42	27	16	Fri.	9	1 ·72	4 ·44	—29
18	Fri.	10	—A ·03	22 ·50	28	18	Mon.	10	—A ·56	26 ·52	28	17	Sat.	10	2 ·71	5 ·44	1
19	Sat.	11	1 ·11	23 ·60	29	19	Tues.	11	1 ·62	27 ·61	—29	18	Sun.	11	3 ·65	6 ·43	2
20	Sun.	12	2 ·19	24 ·71	1	20	Wed.	12	2 ·68	1 ·69	1	19	Mon.	12	4 ·59	7 ·39	3
21	Mon.	13	3 ·28	25 ·82	2	21	Thur.	13	3 ·71	2 ·74	2	20	Tues.	13	5 ·51	8 ·35	4
22	Tues.	14	4 ·36	26 ·92	3	22	Fri.	14	4 ·71	3 ·78	3	21	Wed.	14	6 ·41	9 ·29	5
23	Wed.	15	5 ·44	... ...	4	23	Sat.	15	5 ·70	4 ·79	4	22	Thur.	15	7 ·31	10 ·23	6
24	Thur.	16	6 ·49	27 ·00	5	24	Sun.	16	6 ·67	5 ·78	5	23	Fri.	16	8 ·21	11 ·16	7
25	Fri.	17	7 ·52	1 ·06	6	25	Mon.	17	7 ·62	6 ·77	6	24	Sat.	17	9 ·11	12 ·09	8
26	Sat.	18	8 ·53	2 ·12	7	26	Tues.	18	8 ·55	7 ·73	7	25	Sun.	18	10 ·01 / 11 ·92	13 ·02 / 14 ·96	9
27	Sun.	19	9 ·53	3 ·14	8	27	Wed.	19	9 ·48	8 ·68	8	26	Mon.	19	12 ·83	15 ·92	10
28	Mon.	20	10 ·51	4 ·15	9	28	Thur.	20	10 ·39	9 ·61	9	27	Tues.	20	13 ·75	16 ·88	11
—29	Tues.	21	11 ·45	5 ·13	10	29	Fri.	21	11 ·29	10 ·55	10	28	Wed.	21	14 ·70	17 ·85	12
1	Wed.	22	12 ·39	6 ·10	11	30	Sat.	22	12 ·19	11 ·49	11	29	Thur.	22	P ·65	18 ·84	13
2	Thur.	23	13 ·32	7 ·05	12	—31	Sun.	23	13 ·09	12 ·43	12	30	Fri.	23	1 ·64	19 ·85	14
3	Fri.	24	14 ·24	8 ·00 / 9 ·94	13	1	Mon.	24	14 ·00 / P ·91	13 ·35	13	—31	Sat.	24	2 ·63	20 ·89	15
4	Sat.	25	P ·14	10 ·87	14	2	Tues.	25	1 ·82	14 ·29	14	1	Sun.	25	3 ·65	21 ·94	16
5	Sun.	26	1 ·04 / 2 ·94	11 ·80	15	3	Wed.	26	2 ·75	15 ·24	15	2	Mon.	26	4 ·69	... ...	17
6	Mon.	27	3 ·84	12 ·73	16	4	Thur.	27	3 ·68	16 ·21	16	3	Tues.	27	5 ·74	22 ·02	18
7	Tues.	28	4 ·75	13 ·68	17	5	Fri.	28	4 ·65	17 ·20	17	4	Wed.	28	6 ·82	23 ·10	19
8	Wed.	29	5 ·67	14 ·62	18	6	Sat.	29	5 ·63	18 ·20	18	5	Thur.	29	7 ·90	24 ·20	20
9	Thur.	30	6 ·61	15 ·58	19	7	Sun.	30	6 ·63	19 ·22	19	6	Fri.	30	8 ·98	25 ·32	21
10	Fri.	31	7 ·56	16 ·55	20	8	Mon.	31	7 ·66	20 ·26	20	7	Sat.	31	... ...	26 ·43	22
		Feb.						**April.**						**June.**			
11	Sat.	1	8 ·52	17 ·54	21	9	Tues.	1	8 ·71	21 ·32	21	8	Sun.	1	9 ·06	27 ·52	23
12	Sun.	2	9 ·50	18 ·56	22	10	Wed.	2	9 ·77	22 ·41	22	9	Mon.	2	10 ·13	1 ·61	24
13	Mon.	3	10 ·50	19 ·59	23	11	Thur.	3	10 ·85	23 ·50	23	10	Tues.	3	11 ·17	2 ·68	25
14	Tues.	4	11 ·53	20 ·64	24	12	Fri.	4	11 ·93	24 ·61	24	11	Wed.	4	12 ·21	3 ·73	26
15	Wed.	5	12 ·58	21 ·71	25	13	Sat.	5	... ...	25 ·71	25	12	Thur.	5	13 ·22	4 ·76	27
16	Thur.	6	13 ·65	22 ·80	26	14	Sun.	6	12 ·01	26 ·82	26	13	Fri.	6	14 ·21	5 ·77	28
17	Fri.	7	14 ·73	23 ·90	27	15	Mon.	7	13 ·09	27 ·92	27	14	Sāt.	7	—A ·18	6 ·76	29
18	Sat.	8	—A ·82	... ...	28	16	Tues.	8	14 ·15	... ...	28	15	Sun.	8	1 ·13	7 ·73	—30
19	Sun.	9	1 ·90	24 ·01	29	17	Wed.●	9	—A ·21	1 ·00	29	16	Mon.	9	2 ·07 / 3 ·98	8 ·68	1
20	Mon.	10	2 ·98	25 ·12	—30	18	Thur.	10	1 ·24	2 ·06	—30	17	Tues.	10	4 ·89	9 ·64	2
21	Tues.	11	... ...	26 ·22	1	19	Fri.	11	2 ·24	3 ·09	1	18	Wed.	11	5 ·79	10 ·57	3
22	Wed.	12	3 ·05	27 ·30	2	20	Sat.	12	3 ·23	4 ·11	2	19	Thur.	12	6 ·69	11 ·50	4
23	Thur.	13	4 ·10	1 ·37	3	21	Sun.	13	4 ·21	5 ·12	3	20	Fri.	13	7 ·59	12 ·43	5
24	Fri.	14	5 ·14	2 ·43	4	22	Mon.	14	5 ·15	6 ·10	4	21	Sat.	14	8 ·49	13 ·36	6
25	Sat.	15	6 ·14	3 ·46	5	23	Tues.	15	6 ·08	7 ·06	5	22	Sun.	15	9 ·39	14 ·31	7
26	Sun.	16	7 ·14	4 ·47	6	24	Wed.	16	7 ·00 / 8 ·91	8 ·01 / 9 ·95	6	23	Mon.	16	10 ·30	15 ·25	8
27	Mon.	17	8 ·10	5 ·46	7	25	Thur.	17	9 ·82	10 ·90	7	24	Tues.	17	11 ·24	16 ·21	9
28	Tues.	18	9 ·06 / 10 ·99	6 ·43	8	26	Fri.	18	10 ·72	11 ·82	8	25	Wed.	18	12 ·18	17 ·18	10
29	Wed.	19	11 ·91	7 ·40	9	27	Sat.	19	11 ·61	12 ·75	9	26	Thur.	19	13 ·12	18 ·16	11
30	Thur.	20	12 ·83	8 ·34	10	28	Sun.	20	12 ·51	13 ·69	10	27	Fri.	20	14 ·11	19 ·18	12
1	Fri.	21	13 ·73	9 ·28	11	29	Mon.	21	13 ·41	14 ·63	11	28	Sat.	21	P ·10	20 ·21	13
2	Sat.	22	14 ·63	10 ·21	12	30	Tues.	22	14 ·33	15 ·57	12	29	Sun.	22	1 ·12	21 ·25	14
3	Sun.	23	P ·53	11 ·14	13	—31	Wed.○	23	P ·26	16 ·55	13	30	Mon.	23	2 ·16	22 ·32	15
4	Mon.	24	1 ·44	12 ·08	14	1	Thur.	24	1 ·21	17 ·52	14	31	Tues.	24	3 ·22	23 ·40	16
5	Tues.	25	2 ·35	13 ·01 / 14 ·96	15	2	Fri.	25	2 ·16	18 ·52	15	—32	Wed.	25	4 ·29	24 ·51	17
6	Wed.	26	3 ·26	15 ·91	16	3	Sat.	26	3 ·15	19 ·53	16	1	Thur.	26	5 ·37	25 ·62	18
7	Thur.	27	4 ·20	16 ·88	17	4	Sun.	27	4 ·14	20 ·57	17	2	Fri.	27	6 ·45	26 ·72	19
8	Fri.	28	5 ·14	17 ·87	18	5	Mon.	28	5 ·17	21 ·64	18	3	Sat.	28	7 ·53	27 ·82	20
						6	Tues.	29	6 ·22	22 ·71	19	4	Sun.	29	8 ·60	1 ·91	21
						7	Wed.	30	7 ·27	23 ·80	20	5	Mon.	30	9 ·65	2 ·98	22

Pārthiva. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Pārthiva.* **Mīna—Pāṅguni.**
Pārthiva. **Kumbha—Māśi.** *Śukla.* *Bahula.* *Pārthiva.* **Mīna—Pāṅguni.**
Pārthiva. **Mīna—Pāṅguni.** *Vyaya.* **Mēsha—Chittirai.** *Śukla.* *Bahula.* *Vaiśākha.*
Vyaya. **Vrishabha—Vaigāśi.** *Śukla.* *Bahula.* *Jyeshṭha.*
Vyaya. **Mithuna—Āni.** *Śukla.* *Bahula.* *Āshādha.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

H. 437 *Jumādā'l ākhir.* H. 437 *Rajab.* H. 437 *Śha'bān.* H. 437 *Ramażn.* H. 437 *Shawwāl.* H. 437 *Zī-l-ka'da.* H. 437 *Zī-l-hijja.*

A.D. 1046. **Kollam 222,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 438.** Commences **July 8.** **Vikrama 1103.** **Bengal San. 452.** **(N. Cycle) Sarvadhārin.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Tues.	1	10 ·69	... ...	23		Mon.	1	13 ·43	10 ·58	26		Sat.	1	A ·06	17 ·83	28
	Wed.	2	11 ·70	3 ·05	24		Tues.	2	14 ·34	11 ·53	27				1 ·98		
	Thur.	3	12 ·69	4 ·08	25		Wed.	3	—A ·24	12 ·46	28	7	Sun.	2	2 ·93	18 ·80	—29
	Fri.	4	13 ·66	5 ·09	26		Thur.	4	1 ·14	13 ·39	—29	8	Mon.	3	3 ·89	19 ·78	1
	Sat.	5	14 ·61	6 ·09	27				2 ·04			9	Tues.	4	4 ·88	20 ·80	2
	Sun.	6	—A ·55	7 ·06	28	10	Fri.	5	3 ·94	14 ·32	1	10	Wed.	5	5 ·89	21 ·82	3
				8 ·02								11	Thur.	6	6 ·91	22 ·87	4
	Mon.	7	1 ·47	9 ·97	—29	11	Sat.	6	4 ·85	15 ·26	2	12	Fri.	7	7 ·94	23 ·93	5
	Tues.	8	2 ·39	10 ·91	1	12	Sun.	7	5 ·79	16 ·20	3	13	Sat.	8	... ...	... ...	6
	Wed.	9	3 ·29	11 ·84	2	13	Mon.	8	6 ·73	17 ·17	4	14	Sun.	9	8 ·01	24 ·01	7
	Thur.	10	4 ·19	12 ·77	3	14	Tues.	9	7 ·68	18 ·15	5	15	Mon.	10	9 ·09	25 ·12	8
	Fri.	11	5 ·09	13 ·71	4	15	Wed.	10	8 ·66	19 ·14	6	16	Tues.	11	10 ·17	26 ·22	9
			6 ·99			16	Thur.	11	9 ·66	20 ·15	7	17	Wed.	12	11 ·26	27 ·33	10
	Sat.	12	7 ·89	14 ·64	5	17	Fri.	12	10 ·67	21 ·18	8	18	Thur.	13	12 ·35	1 ·43	11
	Sun.	13	8 ·80	15 ·59	6	18	Sat.	13	11 ·72	22 ·25	9	19	Fri.	14	13 ·43	2 ·52	12
	Mon.	14	9 ·74	16 ·54	7	19	Sun.	14	12 ·78	23 ·32	10	20	Sat.	15	14 ·49	3 ·61	13
	Tues.	15	10 ·68	17 ·50	8	20	Mon.	15	13 ·86	24 ·41	11	21	Sun.	16	P ·53	4 ·66	14
	Wed.	16	11 ·62	18 ·50	9	21	Tues.	16	14 ·94	25 ·51	12	22	Mon.	17	1 ·55	5 ·70	15
	Thur.	17	12 ·60	19 ·50	10	22	Wed.	17	... ...	26 ·62	13	23	Tues.	18	2 ·54	6 ·71	16
	Fri.	18	13 ·60	20 ·52	11	23	Thur.	18	P ·03	27 ·73	14	24	Wed.	19	3 ·51	7 ·71	17
	Sat.	19	14 ·60	21 ·56	12	24	Fri.	19	1 ·11	1 ·83	15	25	Thur.	20	4 ·47	8 ·68	18
	Sun.	20	P ·64	22 ·62	13	25	Sat.	20	2 ·19	2 ·91	16	26	Fri.	21	5 ·41	9 ·65	19
	Mon.	21	1 ·71	23 ·71	14	26	Sun.	21	3 ·25	3 ·98	17	27	Sat.	22	6 ·34	10 ·60	20
	Tues.	22	2 ·78	24 ·81	15	27	Mon.	22	4 ·28	... ...	18	28	Sun.	23	7 ·26	11 ·54	21
	Wed.	23	3 ·86	25 ·92	16	28	Tues.	23	5 ·31	4 ·03	19	29	Mon.	24	8 ·16	12 ·47	22
	Thur.	24	4 ·94	... ...	17	29	Wed.	24	6 ·29	5 ·06	20	30			9 ·06		
	Fri.	25	... ...	26 ·02	18	—30	Thur.	25	7 ·27	6 ·07	21	1	Tues.	25	10 ·96	13 ·40	23
—31	Sat.	26	5 ·03	27 ·12	19	1	Fri.	26	8 ·23	7 ·05	22						
1	Sun.	27	6 ·09	1 ·22	20					8 ·02		2	Wed.	26	11 ·86	14 ·34	24
2	Mon.	28	7 ·14	2 ·30	21	2	Sat.	27	9 ·17	9 ·98	23	3	Thur.	27	12 ·77	15 ·27	25
3	Tues.	29	8 ·19	3 ·36	22	3	Sun.	28	10 ·10	10 ·93	24	4	Fri.	28	13 ·69	16 ·21	26
4	Wed.	30	9 ·19	4 ·40	23				11 ·01			5	Sat.	29	14 ·63	17 ·17	27
5	Thur.	31	10 ·19	5 ·41	24	4	Mon.	29	12 ·91	11 ·87	25	6	Sun.	30	—A ·57	18 ·13	28
	Aug.					5	Tues.	30	13 ·81	12 ·80	26						
							Oct.						**Dec.**				
	Fri.	1	11 ·16	6 ·41	25	6	Wed.	1	14 ·71	13 ·72	27	7	Mon.	1	1 ·54	19 ·12	29
	Sat.	2	12 ·13	7 ·40	26	7	Thur.	2	—A ·62	14 ·66	28	8	Tues.	2	2 ·53	20 ·12	—30
			13 ·06			8	Fri.	3	1 ·53	15 ·59	29	9	Wed.	3	3 ·53	21 ·14	1
8	Sun.	3	14 ·98	8 ·36	27	9	Sat.	4	2 ·44	16 ·55	—30	10	Thur.	4	4 ·56	22 ·18	2
9	Mon.	4	—A ·89	9 ·31	28	10	Sun.	5	3 ·37	17 ·50	1	11	Fri.	5	5 ·59	23 ·24	3
10	Tues.	5	1 ·79	10 ·25	29	11	Mon.	6	4 ·31	18 ·47	2	12	Sat.	6	6 ·66	24 ·32	4
11	Wed.	6	2 ·69	11 ·18	—30	12	Tues.	7	5 ·27	19 ·46	3	13	Sun.	7	7 ·74	25 ·42	5
12	Thur.	7	3 ·59	12 ·12	1	13	Wed.	8	6 ·26	20 ·47	4	14	Mon.	8	8 ·83	26 ·52	6
				13 ·05		14	Thur.	9	7 ·26	21 ·51	5	15	Tues.	9	9 ·93	27 ·63	7
13	Fri.	8	4 ·50	14 ·98	2	15	Fri.	10	8 ·28	22 ·56	6	16	Wed.	10	... ...	1 ·73	8
14	Sat.	9	5 ·41	15 ·92	3	16	Sat.	11	9 ·32	23 ·63	7	17	Thur.	11	10 ·01	2 ·82	9
15	Sun.	10	6 ·32	16 ·87	4	17	Sun.	12	10 ·38	24 ·71	8	18	Fri.	12	11 ·08	3 ·91	10
16	Mon.	11	7 ·25	17 ·84	5	18	Mon.	13	11 ·46	25 ·81	9	19	Sat.	13	12 ·14	4 ·97	11
17	Tues.	12	8 ·18	18 ·82	6	19	Tues.	14	12 ·54	26 ·93	10	20	Sun.	14	13 ·18	... ...	12
18	Wed.	13	9 ·13	19 ·82	7	20	Wed.	15	13 ·64	... ...	11	21	Mon.	15	14 ·19	5 ·01	13
19	Thur.	14	10 ·11	20 ·84	8	21	Thur.	16	14 ·72	27 ·03	12	22	Tues.	16	P ·19	6 ·03	14
20	Fri.	15	11 ·12	21 ·87	9	22	Fri. ○	17	P ·80	1 ·13	13	23	Wed.	17	1 ·16	7 ·03	15
21	Sat.	16	12 ·12	22 ·93	10	23	Sat.	18	1 ·85	2 ·22	14	24	Thur.	18	2 ·12	8 ·02	16
22	Sun.	17	13 ·17	... ...	11	24	Sun.	19	2 ·88	3 ·29	15					9 ·99	
23	Mon.	18	14 ·22	23 ·02	12	25	Mon.	20	3 ·91	4 ·35	16	25	Fri.	19	3 ·06	10 ·94	17
24	Tues.	19	P ·29	24 ·11	13	26	Tues.	21	4 ·90	5 ·38	17				4 ·98		
25	Wed.	20	1 ·38	25 ·21	14	27	Wed.	22	5 ·87	6 ·39	18	26	Sat.	20	5 ·90	11 ·88	18
26	Thur.	21	2 ·46	26 ·32	15	28	Thur.	23	6 ·83	7 ·38	19	27	Sun.	21	6 ·81	12 ·81	19
27	Fri.	22	3 ·55	27 ·42	16	29	Fri.	24	7 ·79	8 ·35	20	28	Mon.	22	7 ·71	13 ·75	20
28	Sat.	23	4 ·62	1 ·53	17	—30	Sat.	25	8 ·71	9 ·31	21	—29	Tues.	23	8 ·61	14 ·68	21
29	Sun.	24	5 ·67	2 ·61	18	1	Sun.	26	9 ·62	10 ·27	22	1	Wed.	24	9 ·51	15 ·61	22
30	Mon.	25	6 ·71	3 ·67	19	2	Mon.	27	10 ·53	11 ·20	23	2	Thur.	25	10 ·42	16 ·55	23
—31	Tues.	26	7 ·72	4 ·71	20	3	Tues.	28	11 ·43	12 ·13	24	3	Fri.	26	11 ·34	17 ·50	24
1	Wed.	27	8 ·72	5 ·73	21					13 ·06		4	Sat.	27	12 ·27	18 ·47	25
2	Thur.	28	9 ·69	6 ·74	22	4	Wed.	29	12 ·83	14 ·99	25	5	Sun.	28	13 ·21	19 ·44	26
3	Fri.	29	10 ·66	7 ·72	23	5	Thur.	30	13 ·23	15 ·94	26	6	Mon.	29	14 ·18	20 ·44	27
4	Sat.	30	11 ·59	8 ·69	24	6	Fri.	31	14 ·14	16 ·88	27	7	Tues.	30	—A ·17	21 ·45	28
5	Sun.	31	12 ·52	9 ·64	25							8	Wed.	31	1 ·18	22 ·49	—29

Vyaya. **Karkataka—Ādi.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *H. 438 Muharram.* *H. 438 Śafar.*

Vyaya. **Siṁha—Āvaṇi.** *Śukla.* *Bahula.* *H. 438 Rabi-ul awwal.*

Vyaya. **Kanyā—Puraṭṭāśi.** *Śukla.* *Bahula.* *H. 438 Rabi-ul ākhir.*

Vyaya. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *H. 438 Jamādā'l awwal.*

Vyaya. **Vṛiśchika—Karttigai.** *Śukla.* *Bahula.* *H. 438 Jamādā'l ākhir.*

Vyaya. **Dhanus—Mārgali.** *Śukla.* *Bahula.*

Vyaya. **Makara—Tai.**

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1047. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·90.** **Śaka 969.** **Kaliyuga 4148.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·86.** **(S. Cycle) Sarvajit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Thur. 1	2 ·21	23 ·55	1	8	Sun. 1	2 ·71	27 ·53	1	8	Fri. 1	3 ·06	6 ·63	3
10	Fri. 2	3 ·26	24 ·63	2	9	Mon. 2	3 ·80	1 ·64	2	9	Sat. 2	4 ·07	7 ·65	4
11	Sat. 3	4 ·32	25 ·72	3	10	Tues. 3	4 ·87	2 ·74	3	10	Sun. 3	5 ·06	8 ·65	5
12	Sun. 4	5 ·39	26 ·82	4	11	Wed. 4	5 ·94	3 ·83	4			6 ·02		
13	Mon. 5	6 ·49	27 ·92	5	12	Thur. 5	6 ·99	4 ·90	5	11	Mon. 4	7 ·98	9 ·65	6
14	Tues. 6	7 ·58	... ...	6	13	Fri. 6	... ...	5 ·96	6	12	Tues. 5	8 ·92	10 ·61	7
15	Wed. 7	8 ·66	1 ·03	7	14	Sat. 7	7 ·02	... ...	7	13	Wed. 6	9 ·83	11 ·57	8
16	Thur. 8	9 ·73	2 ·14	8	15	Sun. 8	8 ·03	6 ·00	8	14	Thur. 7	10 ·74	12 ·51	9
17	Fri. 9	10 ·79	3 ·22	9	16	Mon. 9	9 ·01	7 ·01	9	15	Fri. 8	11 ·64	13 ·44	10
18	Sat. 10	11 ·82	4 ·28	10			10 ·98			16	Sat. 9	12 ·54	14 ·38	11
19	Sun. 11	12 ·83	5 ·33	11				8 ·00		17	Sun. 10	13 ·44	15 ·31	12
20	Mon. 12	13 ·82	6 ·35	12	17	Tues. 10	11 ·93	9 ·98	10	18	Mon. 11	14 ·34	16 ·24	13
21	Tues. 13	14 ·79	7 ·37	13	18	Wed. 11	12 ·87	10 ·95	11	19	Tues. 12	P ·24	17 ·18	14
22	Wed. 14	P ·76	8 ·35	14	19	Thur. 12	13 ·79	11 ·90	12	20	Wed. 13	1 ·15	18 ·13	15
23	Thur. 15	1 ·69	9 ·32	15	20	Fri. 13	14 ·69	12 ·83	13	21	Thur. 14	2 ·07	19 ·10	16
24	Fri. 16	2 ·61	10 ·27	16	21	Sat. 14	P ·59	13 ·77	14			3 ·01		
25	Sat. 17	3 ·52	11 ·21	17	22	Sun. 15	1 ·49	14 ·70	15	22	Fri. 15	4 ·98	20 ·07	17
26	Sun. 18	4 ·43	12 ·16	18	23	Mon. 16	2 ·39	15 ·62	16	23	Sat. 16	5 ·96	21 ·06	18
27	Mon. 19	5 ·33	13 ·09	19	24	Tues. 17	3 ·29	16 ·57	17	24	Sun. 17	6 ·96	22 ·07	19
			14 ·02		25	Wed. 18	4 ·20	17 ·51	18	25	Mon. 18	7 ·98	23 ·10	20
28	Tues. 20	6 ·28	15 ·95	20	26	Thur. 19	5 ·12	18 ·46	19	26	Tues. 19	... ...	24 ·16	21
29	Wed. 21	7 ·13	16 ·89	21	27	Fri. 20	6 ·04	19 ·43	20	27	Wed. 20	8 ·02	25 ·24	22
		8 ·04					7 ·00			28	Thur. 21	9 ·08	26 ·32	23
—30	Thur. 22	9 ·97	17 ·84	22	28	Sat. 21	8 ·96	20 ·41	21	29	Fri. 22	10 ·15	27 ·42	24
1	Fri. 23	10 ·90	18 ·80	23	29	Sun. 22	9 ·95	21 ·42	22	30	Sat. 23	11 ·24	1 ·53	25
2	Sat. 24	11 ·85	19 ·77	24	—30	Mon. 23	10 ·95	22 ·44	23	—31	Sun. 24	12 ·32	2 ·64	26
3	Sun. 25	12 ·81	20 ·76	25	1	Tues. 24	11 ·99	23 ·48	24	1	Mon. 25	13 ·40	3 ·74	27
4	Mon. 26	13 ·79	21 ·77	26	2	Wed. 25	... ...	24 ·54	25	2	Tues. 26	14 ·46	4 ·83	28
5	Tues. 27	14 ·80	22 ·80	27	3	Thur. 26	12 ·03	25 ·62	26	3	Wed. 27	—A ·52	5 ·90	29
6	Wed. 28	—A ·84	23 ·86	28	4	Fri. 27	13 ·09	26 ·72	27	4	Thur. 28	1 ·54	6 ·94	—30
7	Thur. 29	1 ·89	24 ·93	29	5	Sat. 28	14 ·17	27 ·83	28	5	Fri. 29	2 ·55	7 ·97	1
8	Fri. 30	2 ·94	... ...	—30	6	Sun. ● 29	—A ·25	1 ·93	29	6	Sat. 30	3 ·54	8 ·99	2
9	Sat. 31	... ...	25 ·02	1	7	Mon. 30	1 ·34	... ...	—30	7	Sun. 31	4 ·50	9 ·97	3
					8	Tues. 31	2 ·41	2 ·04	1					
	Feb.					**April.**					**June.**			
10	Sun. 1	3 ·03	26 ·12	2	9	Wed. 1	3 ·48	3 ·13	2	8	Mon. 1	5 ·46	10 ·95	4
11	Mon. 2	4 ·12	27 ·22	3	10	Thur. 2	4 ·53	4 ·22	3	9	Tues. 2	6 ·38	11 ·90	5
12	Tues. 3	5 ·20	1 ·34	4	11	Fri. 3	5 ·57	5 ·28	4	10	Wed. 3	7 ·30	12 ·85	6
13	Wed. 4	6 ·28	2 ·44	5	12	Sat. 4	6 ·57	6 ·31	5	11	Thur. 4	8 ·21	13 ·79	7
14	Thur. 5	7 ·35	3 ·52	6	13	Sun. 5	7 ·54	7 ·33	6	12	Fri. 5	9 ·11	14 ·72	8
15	Fri. 6	8 ·41	4 ·59	7	14	Mon. 6	8 ·51	8 ·33	7			10 ·01		
16	Sat. 7	9 ·44	5 ·64	8	15	Tues. 7	9 ·46	9 ·31	8	13	Sat. 6	11 ·91	15 ·65	9
17	Sun. 8	10 ·45	6 ·68	9	16	Wed. 8	10 ·40	10 ·28	9	14	Sun. 7	12 ·81	16 ·58	10
18	Mon. 9	11 ·43	7 ·69	10	17	Thur. 9	11 ·32	11 ·23	10	15	Mon. 8	13 ·71	17 ·52	11
19	Tues. 10	12 ·41	8 ·68	11	18	Fri. 10	12 ·22	12 ·17	11	16	Tues. 9	14 ·63	18 ·47	12
20	Wed. 11	13 ·35	9 ·65	12	19	Sat. 11	13 ·12	13 ·10	12	17	Wed. 10	P ·55	19 ·43	13
21	Thur. 12	14 ·29	10 ·61	13			14 ·02	14 ·03		18	Thur. 11	1 ·49	20 ·40	14
22	Fri. 13	P ·22	11 ·56	14	20	Sun. 12	P ·92	15 ·97	13	19	Fri. 12	2 ·45	21 ·38	15
23	Sat. 14	1 ·13	12 ·50	15	21	Mon. 13	1 ·82	16 ·91	14	20	Sat. 13	3 ·53	22 ·39	16
		2 ·03			22	Tues. 14	2 ·73	17 ·84	15	21	Sun. 14	4 ·44	23 ·43	17
24	Sun. 15	3 ·93	13 ·43	16	23	Wed. 15	3 ·64	18 ·79	16	22	Mon. 15	5 ·45	24 ·47	18
25	Mon. 16	4 ·83	14 ·36	17	24	Thur. 16	4 ·57	19 ·76	17	23	Tues. 16	6 ·50	25 ·54	19
26	Tues. 17	5 ·73	15 ·29	18	25	Fri. 17	5 ·52	20 ·74	18	24	Wed. 17	7 ·56	26 ·62	20
27	Wed. 18	6 ·64	16 ·22	19	26	Sat. 18	6 ·49	21 ·74	19	25	Thur. 18	8 ·63	27 ·72	21
28	Thur. 19	7 ·56	17 ·18	20	27	Sun. 19	7 ·47	22 ·75	20	26	Fri. 19	9 ·71	1 ·83	22
29	Fri. 20	8 ·48	18 ·13	21	28	Mon. 20	8 ·46	23 ·79	21	27	Sat. 20	10 ·79	2 ·94	23
—30	Sat. 21	9 ·44	19 ·10	22	29	Tues. 21	9 ·50	24 ·85	22	28	Sun. 21	11 ·87	... ...	24
1	Sun. 22	10 ·40	20 ·08	23	30	Wed. 22	10 ·54	25 ·98	23	29	Mon. 22	12 ·93	3 ·04	25
2	Mon. 23	11 ·40	21 ·09	24	—31	Thur. 23	11 ·61	... ...	24	30	Tues. 23	13 ·99	4 ·13	26
3	Tues. 24	12 ·40	22 ·12	25	1	Fri. 24	12 ·68	26 ·02	25	31	Wed. 24	... ...	5 ·20	27
4	Wed. 25	13 ·43	23 ·17	26	2	Sat. 25	13 ·76	27 ·12	26	—32	Thur. 25	14 ·02	6 ·26	28
5	Thur. 26	14 ·48	24 ·23	27	3	Sun. 26	14 ·84	1 ·23	27	1	Fri. 26	—A ·04	7 ·30	29
6	Fri. 27	—A ·53	25 ·32	28	4	Mon. 27	—A ·92	2 ·34	28	2	Sat. 27	1 ·01	8 ·31	—30
7	Sat. 28	1 ·62	26 ·42	—29	5	Tues. 28	1 ·99	3 ·44	—29			2 ·98		
					6	Wed. 29	... ...	4 ·52	1	3	Sun. 28	3 ·94	9 ·30	1
					7	Thur. 30	2 ·03	5 ·59	2	4	Mon. 29	4 ·86	10 ·28	2
										5	Tues. 30	5 ·78	11 ·23	3

Vyaya. **Makara—Tai.** *Sukla.* *Bahula.* *Rajab.* *H. 438*

Vyaya. **Kumbha—Māśi.** *Sukla.* *Bahula.* *Sha'bān.* *H. 438*

Vyaya. **Mīna—Pāṅguni.** *Sukla.* *Bahula.* *Ramazān.* *H. 438*

Sarvajit. **Mēsha—Chittirai.** *Sukla.* *Bahula.* *Shawwāl.* *H. 438*

Sarvajit. **Vrishabha—Vaigāśi.** *Sukla.* *Bahula.* *Zi-l-ka'da.* *H. 438*

Sarvajit. **Mithuna—Āni.** *Sukla.* *Bahula.* *Zi-l-hijja.* *H. 438*

Naksh :— 1. Aśvin. 2. Bhar 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1047. **Kollam 223,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 439.** Commences **June 28.** **Vikrama 1104.** **Bengal San. 453.** **(N. Cycle) Virodhin.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Wed.	1	6 ·70	12 ·19	4	6	Tues.	1	9 ·09	20 ·38	7	6	Sun.	1	11 ·24	26 ·15	9
7	Thur.	2	7 ·60	13 ·13	5	7	Wed.	2	10 ·03 / 11 ·98	21 ·37	8	7	Mon.	2	12 ·31	27 ·23	10
8	Fri.	3	8 ·50	14 ·06 / 15 ·99	6	8	Thur.	3	12 ·97	22 ·36	9	8	Tues.	3	13 ·38	1 ·33	11
9	Sat.	4	9 ·40	16 ·92	7	9	Fri.	4	13 ·96	23 ·37	10	9	Wed.	4	14 ·47	2 ·43	12
10	Sun.	5	10 ·30	17 ·86	8	10	Sat.	5	14 ·99	24 ·40	11	10	Thur.	5	P ·56	3 ·55	13
11	Mon.	6	11 ·20	18 ·80	9	11	Sun.	6	... ...	25 ·46	12	11	Fri.	6	1 ·65	4 ·65	14
12	Tues.	7	12 ·12	19 ·76	10	12	Mon.	7	P ·03	26 ·54	13	12	Sat.	7	2 ·72	5 ·74	15
13	Wed.	8	13 ·04 / 14 ·98	20 ·72	11	13	Tues.	8	1 ·09	27 ·63	14	13	Sun.	8	3 ·78	6 ·82	16
14	Thur.	9	P ·94	21 ·71	12	14	Wed.	9	2 ·16	1 ·73	15	14	Mon.	9	4 ·82	7 ·87	17
15	Fri.	10	1 ·92	22 ·71	13	15	Thur.	10	3 ·25	2 ·84	16	15	Tues.	10	5 ·84	8 ·92	18
16	Sat.	11	2 ·92	23 ·74	14	16	Fri.	11	4 ·33	3 ·94	17	16	Wed.	11	6 ·82	9 ·93	19
17	Sun.	12	3 ·93	24 ·78	15	17	Sat.	12	5 ·41	... ...	18	17	Thur.	12	7 ·80	10 ·93	20
18	Mon.	13	4 ·98	25 ·85	16	18	Sun.	13	6 ·49	4 ·04	19	18	Fri.	13	8 ·75	11 ·90	21
19	Tues.	14	... ...	26 ·93	17	19	Mon.	14	7 ·55	5 ·13	20	19	Sat.	14	9 ·69	12 ·86	22
20	Wed.	15	5 ·04	... ...	18	20	Tues.	15	8 ·59	6 ·20	21	20	Sun.	15	10 ·62	13 ·82	23
21	Thur.	16	6 ·11	27 ·02	19	21	Wed.	16	9 ·61	7 ·25	22	21	Mon.	16	11 ·53	14 ·76	24
22	Fri.	17	7 ·19	1 ·14	20	22	Thur.	17	10 ·60	8 ·27	23	22	Tues.	17	12 ·43	15 ·69	25
23	Sat.	18	8 ·28	2 ·24	21	23	Fri.	18	11 ·57	9 ·28	24	23	Wed.	18	13 ·33	16 ·62	26
24	Sun.	19	9 ·36	3 ·34	22	24	Sat.	19	12 ·53	10 ·27	25	24	Thur.	19	14 ·23	17 ·55	27
25	Mon.	20	10 ·41	4 ·44	23	25	Sun.	20	13 ·47	11 ·24	26	25	Fri.	20	—A ·14	18 ·49	28
26	Tues.	21	11 ·46	5 ·51	24	26	Mon.	21	14 ·39	12 ·20	27	26	Sat.	21	1 ·05 / 2 ·97	19 ·43	29
27	Wed.	22	12 ·50	6 ·58	25	27	Tues. ●	22	—A ·30	13 ·14	28	27	Sun.	22	3 ·91	20 ·38	—30
28	Thur.	23	13 ·53	7 ·62	26	28	Wed.	23	1 ·20	14 ·07	29	28	Mon.	23	4 ·86	21 ·35	1
29	Fri.	24	14 ·51	8 ·63	27	29	Thur.	24	2 ·10	15 ·01 / 16 ·94	—30	—29	Tues.	24	5 ·82	22 ·33	2
30	Sat.	25	—A ·49	9 ·63	28							1	Wed.	25	6 ·80	23 ·34	3
—31	Sun.	26	1 ·44	10 ·61	29	30	Fri.	25	3 ·00 / 4 ·90	17 ·87	1	2	Thur.	26	7 ·82	24 ·36	4
1	Mon.	27	2 ·38	11 ·58	—30	—31	Sat.	26	5 ·82	18 ·81	2	3	Fri.	27	8 ·84	25 ·40	5
2	Tues.	28	3 ·29	12 ·53	1	1	Sun.	27	6 ·74	19 ·76	3	4	Sat.	28	9 ·89	26 ·46	6
3	Wed.	29	4 ·20	13 ·47	2	2	Mon.	28	7 ·67	20 ·72	4	5	Sun.	29	10 ·96	27 ·53	7
4	Thur.	30	5 ·10	14 ·40	3	3	Tues.	29	8 ·61	21 ·69	5	6	Mon.	30	... ...	1 ·63	8
5	Fri.	31	6 ·00 / 7 ·90	15 ·33	4	4	Wed.	30	9 ·57	22 ·68	6						
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	8 ·80	16 ·27	5	5	Thur.	1	10 ·55	23 ·69	7	7	Tues.	1	11 ·04	2 ·74	9
7	Sun.	2	9 ·71	17 ·20	6	6	Fri.	2	11 ·56	24 ·72	8	8	Wed.	2	12 ·13	3 ·85	10
8	Mon.	3	10 ·63	18 ·14	7	7	Sat.	3	12 ·57	25 ·78	9	9	Thur.	3	13 ·23	4 ·95	11
9	Tues.	4	11 ·55	19 ·09	8	8	Sun.	4	13 ·62	26 ·85	10	10	Fri.	4	14 ·30	... ...	12
10	Wed.	5	12 ·49	20 ·05	9	9	Mon.	5	14 ·69	27 ·93	11	11	Sat.	5	P ·37	5 ·04	13
11	Thur.	6	13 ·44	21 ·03	10	10	Tues.	6	P ·76	... ...	12	12	Sun.	6	1 ·43	6 ·12	14
12	Fri.	7	14 ·43	22 ·04	11	11	Wed.	7	1 ·84	1 ·03	13	13	Mon.	7	2 ·46	7 ·19	15
13	Sat.	8	P ·43	23 ·05	12	12	Thur.	8	2 ·92	2 ·14	14	14	Tues.	8	3 ·48	8 ·23	16
14	Sun.	9	1 ·45	24 ·09	13	13	Fri.	9	... ...	3 ·25	15	15	Wed.	9	4 ·46	9 ·25	17
15	Mon.	10	2 ·49	25 ·15	14	14	Sat.	10	3 ·02	4 ·35	16	16	Thur.	10	5 ·43	10 ·25	18
16	Tues.	11	3 ·55	26 ·23	15	15	Sun.	11	4 ·09	5 ·44	17	17	Fri.	11	6 ·37	11 ·23	19
17	Wed.	12	4 ·61	27 ·33	16	16	Mon.	12	5 ·14	6 ·51	18	18	Sat.	12	7 ·31	12 ·21	20
18	Thur.	13	5 ·69	1 ·43	17	17	Tues.	13	6 ·18	7 ·56	19	19	Sun.	13	8 ·24	13 ·16	21
19	Fri.	14	6 ·78	2 ·54	18	18	Wed.	14	7 ·20	8 ·59	20	20	Mon.	14	9 ·16	14 ·10	22
20	Sat.	15	7 ·86	3 ·64	19	19	Thur.	15	8 ·19	9 ·61	21	21	Tues.	15	10 ·07 / 11 ·97	15 ·03 / 16 ·96	23
21	Sun.	16	8 ·94	4 ·74	20	20	Fri.	16	9 ·17	10 ·60	22	22	Wed.	16	12 ·87	17 ·90	24
22	Mon.	17	9 ·99	5 ·83	21	21	Sat.	17	10 ·13	11 ·57	23	23	Thur.	17	13 ·79	18 ·83	25
23	Tues.	18	... ...	6 ·89	22	22	Sun.	18	11 ·07 / 12 ·99	12 ·53	24	24	Fri.	18	14 ·71	19 ·77	26
24	Wed.	19	10 ·03	7 ·93	23	23	Mon.	19	13 ·91	13 ·48	25	25	Sat.	19	—A ·63	20 ·72	27
25	Thur.	20	11 ·05	8 ·95	24	24	Tues.	20	14 ·81	14 ·42	26	26	Sun.	20	1 ·55	21 ·68	28
26	Fri.	21	12 ·03	9 ·95	25	25	Wed.	21	—A ·71	15 ·35	27	27	Mon.	21	2 ·50	22 ·85	—29
27	Sat.	22	13 ·01 / 14 ·97	10 ·94	26	26	Thur.	22	1 ·61	16 ·28	28	28	Tues.	22	3 ·47	23 ·66	1
28	Sun.	23	—A ·90	11 ·91	27	27	Fri.	23	2 ·52	17 ·21	—29	29	Wed.	23	4 ·46	24 ·67	2
29	Mon.	24	1 ·81	12 ·86	28	28	Sat.	24	3 ·43	18 ·15	1	—30	Thur.	24	5 ·46	25 ·71	3
30	Tues.	25	2 ·72	13 ·80	—29	29	Sun.	25	4 ·35	19 ·10	2	1	Fri.	25	6 ·50	26 ·76	4
—31	Wed.	26	3 ·63	14 ·74	1	—30	Mon.	26	5 ·28	20 ·05	3	2	Sat.	26	7 ·54	27 ·84	5
1	Thur.	27	4 ·54	15 ·67	2	1	Tues.	27	6 ·21	21 ·02	4	3	Sun.	27	8 ·61	1 ·94	6
2	Fri.	28	5 ·44	16 ·61	3	2	Wed.	28	7 ·19	22 ·00	5	4	Mon.	28	9 ·69	... ...	7
3	Sat.	29	6 ·34	17 ·54	4	3	Thur.	29	8 ·17	23 ·01	6	5	Tues.	29	10 ·78	2 ·04	8
4	Sun.	30	7 ·24	18 ·47	5	4	Fri.	30	9 ·18	24 ·04	7	6	Wed.	30	11 ·88	3 ·15	9
5	Mon.	31	8 ·15	19 ·42	6	5	Sat.	31	10 ·19	25 ·09	8	7	Thur.	31	12 ·96	4 ·25	10

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mula. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Śatab.

A.D. 1048. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·16.** **Śaka 970.** **Kaliyuga 4149.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·12.** **(S. Cycle) Sarvadhārin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Fri. 1	... ...	5 35	11	9	Tues. 1	13 ·32	10 ·23	12	9	Sun. 1	1 ·84	17 ·59	14
9	Sat. 2	13 ·04	6 ·44	12	10	Wed. 2	14 ·28	11 ·22	13	10	Mon. 2	2 ·74	18 ·53	15
10	Sun. 3	14 ·08	7 ·50	13	11	Thur.○ 3	P ·23	12 ·20	14	11	Tues. 3	3 ·64	19 ·46	16
11	Mon. 4	P ·10	8 ·55	14	12	Fri. 4	1 ·16	13 ·16	15	12	Wed. 4	4 ·54	20 ·40	17
12	Tues. 5	1 ·12	9 ·57	15	13	Sat. 5	2 ·08	14 ·11	16	13	Thur. 5	5 ·46	21 ·35	18
13	Wed. 6	2 ·11	10 ·58	16			3 ·00	15 ·05		14	Fri. 6	6 ·39	22 ·30	19
14	Thur. 7	3 ·09	11 ·57	17	14	Sun. 6	4 ·90	16 ·99	17	15	Sat. 7	7 ·34	23 ·29	20
15	Fri. 8	4 ·03	12 ·54	18	15	Mon. 7	5 ·80	17 ·92	18	16	Sun. 8	8 ·30	24 ·28	21
16	Sat. 9	5 ·96	13 ·49	19	16	Tues. 8	6 ·70	18 ·84	19	17	Mon. 9	9 ·28	25 ·29	22
17	Sun. 10	6 ·89	14 ·43	20	17	Wed. 9	7 ·60	19 ·78	20	18	Tues. 10	10 ·28	26 ·32	23
18	Mon. 11	7 ·81	15 ·37	21	18	Thur. 10	8 ·51	20 ·73	21	19	Wed. 11	11 ·30	27 ·37	24
19	Tues. 12	8 ·71	16 ·31	22	19	Fri. 11	9 ·42	21 ·68	22	20	Thur. 12	12 ·34	1 ·45	25
20	Wed. 13	9 ·61	17 ·24	23	20	Sat. 12	10 ·36	22 ·65	23	21	Fri. 13	13 ·41	2 ·54	26
21	Thur. 14	10 ·52	18 ·17	24	21	Sun. 13	11 ·31	23 ·63	24	22	Sat. 14	14 ·50	3 ·64	27
22	Fri. 15	11 ·43	19 ·11	25	22	Mon. 14	12 ·27	24 ·63	25	23	Sun. 15	A ·58	4 ·75	28
23	Sat. 16	12 ·34	20 ·05	26	23	Tues. 15	13 ·25	25 ·66	26	24	Mon. 16	1 ·65	5 ·86	29
24	Sun. 17	13 ·25	21 ·01	27	24	Wed. 16	14 ·26	26 ·70	27	25	Tues. 17	2 ·72	6 ·95	30
25	Mon. 18	14 ·18	22 ·99	28	25	Thur.● 17	A ·29	27 ·76	28	26	Wed. 18	3 ·79	... ...	1
26	Tues. 19	A ·13	23 ·98	29	26	Fri. 18	1 ·34	1 ·84	29	27	Thur. 19	4 ·84	7 ·05	2
27	Wed. 20	1 ·10	24 ·99	30	27	Sat. 19	2 ·40	2 ·93	30	28	Fri. 20	5 ·86	8 ·12	3
28	Thur. 21	2 ·09	... ...	1	28	Sun. 20	3 ·49	3 ...	1	29	Sat. 21	6 ·88	9 ·16	4
29	Fri. 22	3 ·09	25 ·02	2	29	Mon. 21	4 ·58	4 ·05	2	30	Sun. 22	7 ·86	10 ·19	5
1	Sat. 23	4 ·13	26 ·07	3	30	Tues. 22	5 ·66	5 ·16	3	31	Mon. 23	8 ·84	11 ·20	6
2	Sun. 24	5 ·18	27 ·15	4	1	Wed. 23	6 ·74	6 ·26	4	1	Tues. 24	9 ·78	12 ·19	7
3	Mon. 25	6 ·25	1 ·24	5	2	Thur. 24	7 ·80	7 ·35	5	2	Wed. 25	10 ·71	13 ·16	8
4	Tues. 26	7 ·32	2 ·34	6	3	Fri. 25	8 ·85	8 ·43	6	3	Thur. 26	11 ·63	14 ·12	9
5	Wed. 27	8 ·41	3 ·44	7	4	Sat. 26	9 ·88	9 ·49	7	4	Fri. 27	12 ·53	15 ·06	10
6	Thur. 28	9 ·50	4 ·55	8	5	Sun. 27	10 ·87	10 ·53	8	5	Sat. 28	13 ·43	16 ·00	11
7	Fri. 29	10 ·58	5 ·66	9	6	Mon. 28	11 ·86	11 ·55	9				17 ·94	
8	Sat. 30	11 ·66	6 ·74	10	7	Tues. 29	12 ·83	11 ·55	10	6	Sun. 29	14 ·33	18 ·87	12
9	Sun. 31	12 ·70	7 ·81	11	8	Wed. 30	13 ·77	12 ·53	11	7	Mon. 30	P ·22	19 ·80	13
	Feb.	13 ·74	8 ·86		9	Thur. 31	14 ·70	13 ·49	12	8	Tues. 31	1 ·12	20 ·74	14
10	Mon. 1					**April.**					**June.**			
11	Tues. 2	14 ·74	9 ·89	12	10	Fri. 1	P ·63	14 ·45	13	9	Wed. 1	2 ·03	21 ·68	15
12	Wed. 3	P ·73	10 ·91	13	11	Sat. 2	1 ·54	15 ·39	14			3 ·94		
13	Thur. 4	1 ·70	11 ·90	14	12	Sun. 3	2 ·45	16 ·32	15	10	Thur. 2	4 ·87	22 ·64	16
14	Fri. 5	2 ·64	12 ·87	15	13	Mon. 4	3 ·34	17 ·25	16	11	Fri. 3	5 ·82	23 ·62	17
15	Sat. 6	3 ·58	13 ·83	16	14	Tues. 5	4 ·23	18 ·18	17	12	Sat. 4	6 ·78	24 ·60	18
16	Sun. 7	4 ·50	14 ·77	17	15	Wed. 6	5 ·13	19 ·13	18	13	Sun. 5	7 ·76	25 ·61	19
17	Mon. 8	5 ·42	15 ·71	18	16	Thur. 7	6 ·04	20 ·06	19	14	Mon. 6	8 ·76	26 ·64	20
18	Tues. 9	6 ·32	16 ·65	19			7 96			15	Tues. 7	9 ·79	27 ·68	21
19	Wed. 10	7 ·22	17 ·58	20	17	Fri. 8	8 ·89	21 ·01	20	16	Wed. 8	10 ·83	1 ·76	22
20	Thur. 11	8 ·12	18 ·51	21	18	Sat. 9	9 ·84	22 ·98	21	17	Thur. 9	11 ·90	2 ·85	23
21	Fri. 12	9 ·02	19 ·44	22	19	Sun. 10	10 ·80	23 ·95	22	18	Fri. 10	12 ·97	3 ·94	24
22	Sat. 13	10 ·94	20 ·38	23	20	Mon. 11	11 ·78	24 ·96	23	19	Sat. 11	... ...	... ...	25
23	Sun. 14	11 ·86	21 ·35	24	21	Tues. 12	12 ·79	25 ·97	24	20	Sun. 12	13 ·04	4 ·05	26
24	Mon. 15	12 ·79	22 ·32	25	22	Wed. 13	13 ·82	... ...	25	21	Mon. 13	14 ·13	5 ·15	27
25	Tues. 16	13 ·74	23 ·30	26	23	Thur. 14	14 ·86	26 ·01	26	22	Tues. 14	A ·21	6 ·27	28
26	Wed. 17	14 ·71	24 ·31	27	24	Fri. 15	A ·92	27 ·07	27	23	Wed. 15	1 ·27	7 ·35	29
27	Thur. 18	A ·69	25 ·33	28	25	Sat. 16	... ...	1 ·14	28	24	Thur. 16	2 ·32	8 ·43	1
28	Fri. 19	1 ·69	26 ·39	29	26	Sun. 17	1 ·01	2 ·23	29	25	Fri. 17	3 ·35	9 ·48	2
29	Sat. 20	2 ·73	27 ·46	1	27	Mon. 18	2 ·10	3 ·35	1	26	Sat. 18	4 ·36	10 ·51	3
30	Sun. 21	3 ·77	1 ·54	2	28	Tues. 19	3 ·17	4 ·45	2	27	Sun. 19	5 ·33	11 ·53	4
1	Mon. 22	4 ·84	2 ·64	3	29	Wed. 20	4 ·24	5 ·56	3	28	Mon. 20	6 ·30	12 ·52	5
2	Tues. 23	... ...	3 ·74	4	30	Thur. 21	5 ·31	6 ·65	4	29	Tues. 21	7 ·25	13 ·50	6
3	Wed. 24	6 ·02	4 ·86	5	31	Fri. 22	6 ·36	7 ·73	5	30	Wed. 22	8 ·18	14 ·45	7
4	Thur. 25	7 ·11	5 ·96	6	1	Sat. 23	7 ·38	8 ·81	6	31	Thur. 23	9 ·10	15 ·40	8
5	Fri. 26	8 ·19	... ...	7	2	Sun. 24	8 ·39	9 85	7	32	Fri. 24	10 ·01	16 ·35	9
6	Sat. 27	9 ·25	6 ·05	8	3	Mon. 25	9 ·37	10 ·87	8			11 ·91		
7	Sun. 28	10 ·29	7 ·12	9	4	Tues. 26	10 ·35	11 ·87	9	1	Sat. 25	12 ·81	17 ·28	10
8	Mon. 29	11 ·33	8 ·18	10	5	Wed. 27	11 ·28	12 ·86	10	2	Sun. 26	13 ·71	18 ·22	11
		12 33	9 ·22	11	6	Thur. 28	12 ·21	13 ·83	11	3	Mon. 27	14 ·61	19 ·14	12
					7	Fri. 29	13 ·13	14 ·79	12	4	Tues. 28	P ·52	20 ·07	13
					8	Sat. 30	14 ·04	15 ·73	13	5	Wed. 29	1 ·43	21 ·01	14
							P ·94	16 ·66		6	Thur. 30	2 ·36	22 ·98	
													23 ·94	15

Sarvajit. Makara—Tai. Bahula. Sarvajit. Kumbha—Māśi. Bahula. Sarvajit. Mīna—Paṅguni. Sukla. Sarvadhārin. Mēsha—Chittirai. Bahula. Sarvadhārin. Vrish.—Vaigāśi. Sukla. Sarvadhārin. Mithuna—Āni. Bahula. Sarvadhārin. Kark.—Ādi. Sukla.

Phāl. Chaitra. Vaiśākha. Jyeshtha. Āshādha.

H. 439 Rajab. H. 439 Ramazān. H. 439 Shaw'āl. H. 439 Zi-l-ka'da. H. 439 Zi-l-hijja. H. 440 Muharram.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1048. **Kollam 224,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 440.** Commences **June 16.** **Vikrama 1105.** **Bengal San. 454.** **(N. Cycle) Vikṛita.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Bahula.		*H. 440 Muharram.*				*Bahula.*		*H. 440 Rabī-ul awwal.*				*Bahula.*		*H. 440 Jamāda'l awwal.*
			Āshāḍha.						**Bhād.**								
7	Fri.	1	3 ·30	24 ·93	16	6	Thur.	1	6 ·48	4 ·95	19	7	Tues.	1	7 ·07	9 ·04	21
8	Sat.	2	4 ·26	25 ·93	17	7	Fri.	2	7 ·56	... ...	20	8	Wed.	2	8 ·11	10 ·09	22
9	Sun.	3	5 ·24	26 ·95	18	8	Sat.	3	8 ·64	5 ·06	21	9	Thur.	3	9 ·12	11 ·13	23
10	Mon.	4	6 ·24	... ...	19	9	Sun.	4	9 ·72	6 ·16	22	10	Fri.	4	10 ·10	12 ·15	24
11	Tues.	5	7 ·25	27 ·00	20	10	Mon.	5	10 ·80	7 ·26	23	11	Sat.	5	11 ·08	13 ·15	25
12	Wed.	6	8 ·30	1 ·07	21	11	Tues.	6	11 ·86	8 ·34	24				12 ·03		
13	Thur.	7	9 ·37	2 ·15	22	12	Wed.	7	12 ·89	9 ·42	25	12	Sun.	6	13 ·97	14 ·12	26
14	Fri.	8	10 ·44	3 ·24	23	13	Thur.	8	13 ·91	10 ·47	26	13	Mon.	7	14 ·90	15 ·08	27
15	Sat.	9	11 ·52	4 ·35	24	14	Fri.	9	14 ·89	11 ·49	27					16 ·03	
16	Sun.	10	12 ·60	5 ·46	25	15	Sat.	10	—**A** ·86	12 ·50	28	14	Tues.	8	—**A** ·82	17 ·98	28
17	Mon.	11	13 ·68	6 ·57	26	16	Sun.	11	1 ·82	13 ·48	29	15	Wed.	9	1 ·72	18 ·91	29
18	Tues.	12	14 ·75	7 ·66	27	17	Mon.	12	2 ·76	14 ·46	30	16	Thur.	10	2 ·62	19 ·84	30
19	Wed.	13	—**A** ·80	8 ·73	28	18	Tues.	13	3 ·69	15 ·42	1	17	Fri.	11	3 ·52	20 ·77	1
20	Thur.	14	1 ·83	9 ·79	29	19	Wed.	14	4 ·60	16 ·36	2	18	Sat.	12	4 ·42	21 ·70	2
21	Fri.	15	2 ·84	10 ·84	—30	20	Thur.	15	5 ·50	17 ·29	3	19	Sun.	13	5 ·33	22 ·64	3
22	Sat.	16	3 ·83	11 ·85	1	21	Fri.	16	6 ·40	18 ·22	4	20	Mon.	14	6 ·25	23 ·60	4
23	Sun.	17	4 ·80	12 ·85	2	22	Sat.	17	7 ·30	19 ·16	5	21	Tues.	15	7 ·19	24 ·57	5
24	Mon.	18	5 ·75	13 ·83	3	23	Sun.	18	8 ·20	20 ·09	6	22	Wed.	16	8 ·14	25 ·55	6
25	Tues.	19	6 ·68	14 ·79	4					21 ·03		23	Thur.	17	9 ·10	26 ·55	7
26	Wed.	20	7 ·60	15 ·74	5	24	Mon.	19	9 ·10	22 ·98	7	24	Fri.	18	10 ·10	27 ·57	8
27	Thur.	21	8 ·51	16 ·69	6				10 ·03			25	Sat.	19	11 ·10	1 ·62	9
28	Fri.	22	9 ·41	17 ·62	7	25	Tues.	20	11 ·96	23 ·93	8	26	Sun.	20	12 ·14	2 ·68	10
29	Sat.	23	10 ·31	18 ·55	8	26	Wed.	21	12 ·91	24 ·91	9	27	Mon.	21	13 ·19	3 ·75	11
30	Sun.	24	11 ·21	19 ·48	9	27	Thur.	22	13 ·86	25 ·90	10	28	Tues.	22	14 ·26	4 ·85	12
31	Mon.	25	12 ·11	20 ·41	10	28	Fri.	23	14 ·85	26 ·91	11	—29	Wed.	23	**P** ·33	5 ·95	13
			13 ·02			29	Sat.	24	**P** ·85	27 ·94	12	1	Thur.	24	1 ·42	... ..	14
—32	Tues.	26	14 ·93	21 ·86	11	—30	Sun.	25	1 ·87	1 ·99	13	2	Fri.	25	2 ·51	6 ·07	15
1	Wed.	27	**P** ·86	22 ·31	12	1	Mon.	26	2 ·93	... ...	14	3	Sat.	26	3 ·59	7 ·17	16
2	Thur.	28	1 ·79	23 ·27	13	2	Tues.	27	3 ·99	2 ·07	15	4	Sun.	27	4 ·66	8 ·27	17
3	Fri.	29	2 ·76	24 ·25	14	3	Wed.	28	... ...	3 ·15	16	5	Mon.	28	5 ·71	9 ·34	18
4	Sat.	30	3 ·74	25 ·25	15	4	Thur.	29	4 ·06	4 ·25	17	6	Tues.	29	6 ·75	10 ·40	19
5	Sun.	31	4 ·75	26 ·28	16	5	Fri.	30	5 ·16	5 ·36	18	7	Wed.	30	7 ·76	11 ·45	20
	Aug.						**Oct.**						**Dec.**				
			Bahula.		*H. 440 Rabī-ul awwal.*				*Bahula.*		*H. 440 Jamāda'l awwal.*				*Bahula.*		*H. 440 Jamāda'l ākhir.*
6	Mon.	1	5 ·76	27 ·31	17	6	Sat.	1	6 ·24	6 ·46	19	8	Thur.	1	8 ·75	12 ·47	21
7	Tues.	2	6 ·81	1 ·37	18	7	Sun.	2	7 ·32	7 ·56	20	9	Fri.	2	9 ·78	13 ·47	22
8	Wed.	3	7 ·87	2 ·45	19	8	Mon.	3	8 ·39	8 ·66	21	10	Sat.	3	10 ·67	14 ·45	23
9	Thur.	4	8 ·95	3 ·54	20	9	Tues.	4	9 ·45	9 ·73	22	11	Sun.	4	11 ·61	15 ·42	24
10	Fri.	5	... ...	4 ·65	21	10	Wed.	5	10 ·48	10 ·78	23	12	Mon.	5	12 ·54	16 ·38	25
11	Sat.	6	9 ·04	5 ·76	22	11	Thur.	6	11 ·50	11 ·81	24	13	Tues.	6	13 ·45	17 ·32	26
12	Sun.	7	10 ·12	6 ·86	23	12	Fri.	7	12 ·48	12 ·82	25	14	Wed.	7	14 ·35	18 ·25	27
13	Mon.	8	11 ·20	7 ·96	24	13	Sat.	8	13 ·46	13 ·82	26	15	Thur.	8	—**A** ·25	19 ·18	28
14	Tues.	9	12 ·26	... ...	25	14	Sun.	9	14 ·42	14 ·79	27	16	Fri.	9	1 ·15	20 ·11	—29
15	Wed.	10	13 ·32	8 ·04	26	15	Mon.	10	—**A** ·36	15 ·75	28				2 ·06	21 ·04	
16	Thur.	11	14 ·34	9 ·11	27	16	Tues.	11	1 ·28	16 ·70	—29	17	Sat.	10	3 ·97	22 ·99	1
17	Fri.	12	—**A** ·35	10 ·15	28	17	Wed.	12	2 ·19	17 ·63	1	18	Sun.	11	4 ·90	23 ·94	2
18	Sat.	13	1 ·34	11 ·17	—29				3 ·09			19	Mon.	12	5 ·83	24 ·90	3
19	Sun.	14	2 ·31	12 ·17	1	18	Thur.	13	4 ·99	18 ·57	2	20	Tues.	13	6 ·78	25 ·87	4
20	Mon.	15	3 ·27	13 ·15	2	19	Fri.	14	5 ·89	19 ·50	3	21	Wed.	14	7 ·76	26 ·87	5
21	Tues.	16	4 ·20	14 ·12	3	20	Sat.	15	6 ·80	20 ·43	4	22	Thur.	15	8 ·74	27 ·89	6
22	Wed.	17	5 ·13	15 ·08	4	21	Sun.	16	7 ·71	21 ·37	5	23	Fri.	16	9 ·75	1 ·93	7
			6 ·03			22	Mon.	17	8 ·63	22 ·31	6	24	Sat.	17	10 ·79	2 ·98	8
23	Thur.	18	7 ·93	17 ·96	5	23	Tues.	18	9 ·57	23 ·27	7	25	Sun.	18	11 ·83	.. ...	9
24	Fri.	19	8 ·83	18 ·89	6	24	Wed.	19	10 ·51	24 ·24	8	26	Mon.	19	12 ·90	3 ·06	10
25	Sat.	20	9 ·73	19 ·81	7	25	Thur.	20	11 ·45	25 ·22	9	27	Tues.	20	13 ·98	4 ·15	11
26	Sun.	21	10 ·64	20 ·76	8	26	Fri.	21	12 ·46	26 ·23	10	28	Wed.	21	... ...	5 ·26	12
27	Mon.	22	11 ·55	21 ·69	9	27	Sat.	22	13 ·47	27 ·25	11	29	Thur.	22	14 ·08	6 ·37	13
28	Tues.	23	12 ·46	22 ·64	10	28	Sun.	23	14 ·49	1 ·30	12	—30	Fri.	23	**P** ·17	7 ·47	14
29	Wed.	24	13 ·39	23 ·60	11	29	Mon.	24	**P** ·54	2 ·37	13	1	Sat.	24	1 ·25	8 ·57	15
30	Thur.	25	14 ·33	24 ·58	12	—30	Tues.	25	1 ·60	3 ·45	14	2	Sun.	25	2 ·31	9 ·65	16
—31	Fri.○	26	**P** ·29	25 ·58	13	1	Wed.	26	2 ·68	4 ·55	15	3	Mon.	26	3 ·36	10 ·72	17
1	Sat.	27	1 ·27	26 ·59	14	2	Thur.	27	3 ·77	5 ·65	16	4	Tues.	27	4 ·39	11 ·77	18
2	Sun.	28	2 ·27	27 ·63	15	3	Fri.	28	4 ·86	6 ·76	17	5	Wed.	28	5 ·40	12 ·79	19
3	Mon.	29	3 ·29	1 ·68	16	4	Sat.	29	5 ·94	7 ·87	18	6	Thur.	29	6 ·40	13 ·80	20
4	Tues.	30	4 ·34	2 ·75	17	5	Sun.	30	... ...	8 ·96	19	7	Fri.	30	7 ·37	14 ·78	21
5	Wed.	31	5 ·40	3 ·85	18	6	Mon.	31	6 ·01	... ...	20	8	Sat.	31	8 ·32	15 ·75	22

Sarvadhārin. **Karkataka—Ādi.** | *Sarvadhārin.* **Kanyā—Purattāsi.** | *Sarvadhārin.* **Vṛiśchika—Kārttigai.**

Sarvadhārin. **Simha—Āvani.** | *Sarvadhārin.* **Tulā—Aippasi.** | *Sarvadhārin.* **Dhanus—Mārgali.**

Sarvadhārin. **Kanyā—Bhādrapada.** | *Sarvadhārin.* **Vṛischika—Kārttika.** | *Sarvadhārin.* **Makara—Tai.**

Sarvadhārin. **Simha—Āvani.** | *Sarvadhārin.* **Tulā—Aippasi.** | *Sarvadhārin.* **Dhanus—Mārgali.**

Sarvadhārin. **Kanyā—Bhādrapada.** | *Sarvadhārin.* **Vṛischika—Kārttika.** | *Sarvadhārin.* **Makara—Tai.**

Sarvadhārin. **Karkataka—Ādi.** | *Sarvadhārin.* **Kanyā—Purattāsi.** | *Sarvadhārin.* **Vṛiśchika—Kārttigai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1049. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·42.** **Śaka 971.** **Kaliyuga 4150.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·38.** **(S. Cycle) Virodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Sun.	1	9 ·25	16 ·71	23	9	Wed.	1	9 ·09 / 10 ·99	20 ·18	28	9	Mon.	1	12 ·83	27 ·49	25
10	Mon.	2	10 ·17	17 ·65	24	10	Thur.	2	11 ·89	21 ·06 / 22 ·00	24	10	Tues.	2	13 ·61	1 ·51	26
11	Tues.	3	11 ·08 / 12 ·99	18 ·59	25	11	Fri.	3	12 ·80	23 ·94	25	11	Wed.	3	14 ·60	2 ·54	27
12	Wed.	4	13 ·89	19 ·52	26	12	Sat.	4	13 ·73	24 ·90	26	12	Thur.	4	—A ·64	3 ·59	28
13	Thur.	5	14 ·79	20 ·45	27	13	Sun.	5	14 ·66	25 ·87	27	13	Fri.	5	1 ·69	4 ·67	29
14	Fri.	6	—A ·70	21 ·39	28	14	Mon.	6	—A ·62	26 ·85	28	14	Sat.	6	2 ·75	5 ·76	—30
15	Sat.	7	1 ·61	22 ·32	29	15	Tues.	7	1 ·58	27 ·85	29	15	Sun.	7	3 ·83	6 ·87	1
16	Sun.	8	2 ·54	23 ·27	—30	16	Wed.	8	2 ·57	1 ·87	—30	16	Mon.	8	4 ·92	7 ·97	2
17	Mon.	9	3 ·47	24 ·23	1	17	Thur.	9	3 ·57	2 ·92	1	17	Tues.	9	... ...	... ...	3
18	Tues.	10	4 ·42	25 ·20	2	18	Fri.	10	4 ·61	3 ·98	2	18	Wed.	10	5 ·00	8 ·08	4
19	Wed.	11	5 ·39	26 ·20	3	19	Sat.	11	5 ·66	... ...	3	19	Thur.	11	6 ·07	9 ·18	5
20	Thur.	12	6 ·38	27 ·21	4	20	Sun.	12	6 ·73	4 ·06	4	20	Fri.	12	7 ·14	10 ·26	6
21	Fri.	13	7 ·39	1 ·24	5	21	Mon.	13	7 ·81	5 ·16	5	21	Sat.	13	8 ·17	11 ·34	7
22	Sat.	14	8 ·43	2 ·29	6	22	Tues.	14	8 ·89	6 ·26	6	22	Sun.	14	9 ·20	12 ·38	8
23	Sun.	15	9 ·48	3 ·36	7	23	Wed.	15	9 ·97	7 ·37	7	23	Mon.	15	10 ·20	13 ·41	9
24	Mon.	16	10 ·54	4 ·46	8	24	Thur.	16	... ...	8 ·48	8	24	Tues.	16	11 ·19	14 ·42	10
25	Tues.	17	11 ·62	5 ·56	9	25	Fri.	17	10 ·05	9 ·57	9	25	Wed.	17	12 ·15	15 ·40	11
26	Wed.	18	12 ·71	6 ·66	10	26	Sat.	18	11 ·11	10 ·65	10	26	Thur.	18	13 ·10	16 ·38	12
27	Thur.	19	13 ·80	7 ·77	11	27	Sun.	19	12 ·16	11 ·71	11	27	Fri.	19	14 ·03 / P ·94	17 ·84	13
28	Fri.	20	14 ·88	8 ·87	12	28	Mon.	20	13 ·18	12 ·75	12	28	Sat.	20	1 ·85	18 ·28	14
—29	Sat.	21	P ·95	9 ·96	13	29	Tues.	21	14 ·19	13 ·77	13	29	Sun.	22	2 ·75	19 ·22	15
1	Sun.	22	... ...	... ...	14	—30	Wed.	22	P ·17	14 ·77	14	30	Mon.	22	3 ·65	20 ·15	16
2	Mon.	23	1 ·01	10 ·03	15	1	Thur.	23	1 ·14	15 ·75	15	31	Tues.	23	4 ·55	21 ·08 / 22 ·02	17
3	Tues.	24	2 ·02	11 ·08	16	2	Fri.	24	2 ·08	16 ·71	16	—32	Wed.	24	5 ·45	23 ·96	18
4	Wed.	25	3 ·03	12 ·11	17	3	Sat.	25	3 ·02 / 4 ·94	17 ·66	17	1	Thur.	25	6 ·35	24 ·90	19
5	Thur.	26	4 ·02 / 5 ·99	13 ·12	18	4	Sun.	26	5 ·84	18 ·61	18	2	Fri.	26	7 ·26	25 ·86	20
6	Fri.	27	6 ·93	14 ·11	19	5	Mon.	27	6 ·74	19 ·54	19	3	Sat.	27	8 ·19	26 ·83	21
7	Sat.	28	7 ·87	15 ·09	20	6	Tues.	28	7 ·64	20 ·47	20	4	Sun.	28	9 ·14	27 ·82	22
8	Sun.	29	8 ·79	16 ·04 / 17 ·99	21	7	Wed.	29	8 ·54	21 ·40	21	5	Mon.	29	10 ·11	1 ·83	23
9	Mon.	30	9 ·70	18 ·93	22	8	Thur.	30	9 ·44	22 ·33	22	6	Tues.	30	11 ·08	2 ·86	24
10	Tues.	31	10 ·60	19 ·86	23	9	Fri.	31	10 ·35	23 ·28	23	7	Wed.	31	12 ·10	3 ·90	25
		Feb.						**April.**						**June.**			
11	Wed.	1	11 ·50	20 ·80	24	10	Sat.	1	11 ·27	24 ·23	24	8	Thur.	1	13 ·12	4 ·97	26
12	Thur.	2	12 ·40	21 ·73	25	11	Sun.	2	12 ·20	25 ·19	25	9	Fri.	2	14 ·17	... ...	27
13	Fri.	3	13 ·31	22 ·66	26	12	Mon.	3	13 ·16	26 ·17	26	10	Sat.	3	—A ·22	5 ·07	28
14	Sat.	4	14 ·22	23 ·60	27	13	Tues.	4	14 ·12	27 ·17	27	11	Sun.	4	1 ·30	6 ·16	—29
15	Sun.●	5	—A ·15	24 ·56	28	14	Wed.	5	—A ·10	1 ·18	28	12	Mon.	5	2 ·39	7 ·27	1
16	Mon.	6	1 ·08	25 ·54	—29	15	Thur.	6	1 ·10	2 ·23	—29	13	Tues.	6	3 ·48	8 ·38	2
17	Tues.	7	2 ·04	26 ·52	1	16	Fri.	7	2 ·14	3 ·29	1	14	Wed.	7	4 ·56	9 ·48	3
18	Wed.	8	3 ·00 / 4 ·98	27 ·53	2	17	Sat.	8	3 ·19	4 ·36	2	15	Thur.	8	5 ·61	10 ·57	4
19	Thur.	9	5 ·99	1 ·55	3	18	Sun.	9	4 ·26	5 ·46	3	16	Fri.	9	6 ·66	11 ·65	5
20	Fri.	10	... ...	2 ·60	4	19	Mon.	10	5 ·34	6 ·56	4	17	Sat.	10	7 ·68	12 ·70	6
21	Sat.	11	6 ·04	3 ·68	5	20	Tues.	11	6 ·41	7 ·67	5	18	Sun.	11	8 ·68	13 ·73	7
22	Sun.	12	7 ·09	4 ·76	6	21	Wed.	12	7 ·50	8 ·78	6	19	Mon.	12	9 ·67	14 ·74	8
23	Mon.	13	8 ·16	5 ·86	7	22	Thur.	13	8 ·57	9 ·87	7	20	Tues.	13	10 ·62	15 ·73	9
24	Tues.	14	9 ·24	6 ·96	8	23	Fri.	14	9 ·64	10 ·95	8	21	Wed.	14	11 ·57	16 ·72	10
25	Wed.	15	10 ·33	... ...	9	24	Sat.	15	10 ·69	.. ...	9	22	Thur.	15	12 ·51	17 ·67	11
26	Thur.	16	11 ·42	7 ·07	10	25	Sun.	16	11 ·71	11 ·02	10	23	Fri.	16	13 ·42	18 ·62	12
27	Fri.	17	12 ·49	8 ·17	11	26	Mon.	17	12 ·71	12 ·07	11	24	Sat.	17	14 ·33	19 ·56	13
28	Sat.	18	13 ·55	9 ·27	12	27	Tues.	18	13 ·70	13 ·09	12	25	Sun.	18	P ·24	20 ·49	14
29	Sun.	19	14 ·60	10 ·34	13	28	Wed.	19	14 ·66	14 ·09	13	26	Mon.	19	1 ·13	21 ·43	15
—30	Mon.○	20	P ·62	11 ·40	14	29	Thur.	20	P ·60	15 ·08	14	27	Tues.	20	2 ·02 / 3 ·92	22 ·36	16
1	Tues.	21	1 ·63	12 ·43	15	30	Fri.	21	1 ·53	16 ·04 / 17 ·01	15	28	Wed.	21	4 ·88	23 ·27	17
2	Wed.	22	2 ·61	13 ·44	16	—31	Sat.	22	2 ·44	18 ·95	16	29	Thur.	22	5 ·74	24 ·23	18
3	Thur.	23	3 ·58	14 ·44	17	1	Sun.	23	3 ·35	19 ·88	17	30	Fri.	23	6 ·67	25 ·19	19
4	Fri.	24	4 ·53	15 ·42	18	2	Mon.	24	4 ·25	20 ·81	18	—31	Sat.	24	7 ·63	26 ·16	20
5	Sat.	25	5 ·46	16 ·38	19	3	Tues.	25	5 ·15	21 ·74	19	1	Sun.	25	8 ·59	27 ·15	21
6	Sun.	26	6 ·38	17 ·33	20	4	Wed.	26	6 ·05 / 7 ·95	22 ·68	20	2	Mon.	26	9 ·56	1 ·15	22
7	Mon.	27	7 ·29	18 ·26	21	5	Thur.	27	8 ·86	23 ·62	21	3	Tues.	27	10 ·57	2 ·17	23
8	Tues.	28	8 ·19	19 ·20	22	6	Fri.	28	9 ·78	24 ·57	22	4	Wed.	28	11 ·60	3 ·21	24
						7	Sat.	29	10 ·71	25 ·52	23	5	Thur.	29	12 ·63	4 ·29	25
						8	Sun.	30	11 ·66	26 ·50	24	6	Fri.	30	13 ·69	5 ·37	26

Sarvadhārin. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Sarvadhārin.* **Mīna—Paṅguni.**

Sarvadhārin. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Sarvadhārin.* **Mīna—Paṅguni.**

Virodhin. **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Virodhin.* **Vṛish.—Vaigāśi.**

Virodhin. **Vṛishabha—Vaigāśi.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āshādha.** *Virodhin.* **Mithuna—Āṇi.**

Virodhin. **Kark.—Āḍi.**

H. 440 Rajab. *H. 440 Ramażn.* *H. 440 Shaww'l.* *H. 440 Żi-l-ka'da.* *H. 440 Żi-l-ḥijja.* *H. 441 Muharram.*

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1049. **Kollam 225,** { **N. Malabar—Aug.** **Hijra 441.** **Vikrama 1106.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences June 5. **Bengal San. 455.**
P—Paurnimā. **(N. Cycle) Khara.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sat. 1	14 ·78	6 ·46	27	6	Fri. 1	1 ·20	13 ·69	—30	7	Wed. 1	3 ·18	19 ·25	2
8	Sun. 2	—A ·86	7 ·57	28	7	Sat. 2	2 ·21	14 ·71	1	8	Thur. 2	4 ·09 / 5 ·99	20 ·19	3
9	Mon. 3	1 ·94	8 ·67	29	8	Sun. 3	3 ·19	15 ·72	2	9	Fri. 3	6 ·89	21 ·12	4
10	Tues. 4	... ...	9 ·79	—30	9	Mon. 4	4 ·15	16 ·70	3	10	Sat. 4	7 ·79	22 ·06 / 23 ·99	5
11	Wed. 5	2 ·01	10 ·88	1	10	Tues. 5	5 ·11	17 ·67	4	11	Sun. 5	8 ·70	24 ·92	6
12	Thur. 6	3 ·08	11 ·95	2	11	Wed. 6	6 ·06 / 7 ·97	18 ·64	5	12	Mon. 6	9 ·62	25 ·86	7
13	Fri. 7	4 ·12	... ...	3	12	Thur. 7	8 ·88	19 ·58	6	13	Tues. 7	10 ·54	26 ·81	8
14	Sat. 8	5 ·16	12 ·01	4	13	Fri. 8	9 ·79	20 ·51	7	14	Wed. 8	11 ·46	27 ·79	9
15	Sun. 9	6 ·17	13 ·05	5	14	Sat. 9	10 ·69	21 ·44	8	15	Thur. 9	12 ·42	1 ·77	10
16	Mon. 10	7 ·15	14 ·06	6	15	Sun. 10	11 ·59	22 ·37	9	16	Fri. 10	13 ·39	2 ·77	11
17	Tues. 11	8 ·11	15 ·07	7	16	Mon. 11	12 ·49	23 ·31	10	17	Sat. 11	14 ·37	3 ·79	12
18	Wed. 12	9 ·06	16 ·04	8	17	Tues. 12	13 ·40	24 ·25	11	18	Sun. 12	P ·39	4 ·83	13
19	Thur. 13	10 ·00 / 11 ·92	17 ·01 / 18 ·96	9	18	Wed. 13	14 ·31	25 ·19	12	19	Mon. 13	1 ·42	5 ·90	14
20	Fri. 14	12 ·82	19 ·89	10	19	Thur. 14	P ·26	26 ·15	13	20	Tues. 14	2 ·47	6 ·98	15
21	Sat. 15	13 ·72	20 ·84	11	20	Fri. 15	1 ·21	27 ·12	14	21	Wed. 15	3 ·53	... ...	16
22	Sun. 16	14 ·62	21 ·77	12	21	Sat. 16	2 ·17	1 ·11	15	22	Thur. 16	4 ·62	7 ·07	17
23	Mon. 17	P ·52	22 ·70	13	22	Sun. 17	3 ·15	2 ·13	16	23	Fri. 17	5 ·71	8 ·17	18
24	Tues. 18	1 ·42	23 ·63	14	23	Mon. 18	4 ·15	3 ·16	17	24	Sat. 18	6 ·80	9 ·28	19
25	Wed. 19	2 ·32	24 ·57	15	24	Tues. 19	5 ·18	4 ·21	18	25	Sun. 19	7 ·89	10 ·39	20
26	Thur. 20	3 ·24	25 ·53	16	25	Wed. 20	6 ·22	5 ·28	19	26	Mon. 20	8 ·95	11 ·49	21
27	Fri. 21	4 ·17	26 ·49	17	26	Thur. 21	7 ·29	6 ·36	20	27	Tues. 21	... ...	12 ·56	22
28	Sat. 22	5 ·12	27 ·47	18	27	Fri. 22	8 ·37	7 ·47	21	28	Wed. 22	9 ·00	13 ·62	23
29	Sun. 23	6 ·08	1 ·47	19	28	Sat. 23	9 ·45	8 ·58	22	29	Thur. 23	10 ·02	14 ·66	24
30	Mon. 24	7 ·06	2 ·49	20	29	Sun. 24	10 ·53	9 ·68	23	—30	Fri. 24	11 ·04	15 ·68	25
31	Tues. 25	8 ·06	3 ·53	21	—30	Mon. 25	11 ·61	10 ·78	24	1	Sat. 25	12 ·03	16 ·69	26
—32	Wed. 26	9 ·08	4 ·59	22	1	Tues. 26	12 ·70	11 ·87	25	2	Sun. 26	13 ·00 / 14 ·96	17 ·67	27
1	Thur. 27	10 ·13	5 ·67	23	2	Wed. 27	13 ·74	12 ·95	26	3	Mon. 27	—A ·88	18 ·63	28
2	Fri. 28	11 ·20	6 ·76	24	3	Thur. 28	14 ·78	... ...	27	4	Tues. 28	1 ·80	19 ·59	—29
3	Sat. 29	12 ·27	7 ·86	25	4	Fri. 29	—A ·79	13 ·00	28	5	Wed. 29	2 ·72	20 ·53	1
4	Sun. 30	13 ·34	8 ·97	26	5	Sat. 30	1 ·78	14 ·03	—29	6	Thur. 30	3 ·63	21 ·47	2
5	Mon. 31	14 ·43	... ...	27										
	Aug.					**Oct.**					**Dec.**			
6	Tues. 1	—A ·52	9 ·09	28	6	Sun. 1	2 ·74	15 ·04	1	7	Fri. 1	4 ·54	22 ·40	3
7	Wed. 2	1 ·59	10 ·18	—29	7	Mon. 2	3 ·71	16 ·03	2	8	Sat. 2	5 ·44	23 ·33	4
8	Thur. 3	2 ·63	11 ·26	1	8	Tues. 3	4 ·64	17 ·01 / 18 ·97	3	9	Sun. 3	6 ·34	24 ·26	5
9	Fri. 4	3 ·66	12 ·32	2	9	Wed. 4	5 ·56	19 ·91	4	10	Mon. 4	7 ·25	25 ·20	6
10	Sat. 5	4 ·67	13 ·36	3	10	Thur. 5	6 ·48	20 ·85	5	11	Tues. 5	8 ·18	26 ·16	7
11	Sun. 6	5 ·65	14 ·39	4	11	Fri. 6	7 ·38	21 ·78	6	12	Wed. 6	9 ·11	27 ·12	8
12	Mon. 7	6 ·62	15 ·39	5	12	Sat. 7	8 ·28	22 ·72	7	13	Thur. 7	10 ·07	1 ·09	9
13	Tues. 8	7 ·58	16 ·37	6	13	Sun. 8	9 ·18	23 ·65	8	14	Fri. 8	11 ·03	2 ·09	10
14	Wed. 9	8 ·52	17 ·34	7	14	Mon. 9	10 ·08 / 11 ·99	24 ·59	9	15	Sat. 9	12 ·02	3 ·10	11
15	Thur. 10	9 ·43	18 ·29	8	15	Tues. 10	12 ·91	25 ·53	10	16	Sun. 10	13 ·04	4 ·15	12
16	Fri. 11	10 ·34	19 ·24	9	16	Wed. 11	13 ·84	26 ·48	11	17	Mon. 11	14 ·06	5 ·20	13
17	Sat. 12	11 ·24	20 ·18	10	17	Thur. 12	14 ·78	27 ·45	12	18	Tues. 12	P ·12	6 ·28	14
18	Sun. 13	12 ·14	21 ·10	11	18	Fri. 13	P ·76	1 ·44	13	19	Wed. 13	1 ·19	7 ·37	15
19	Mon. 14	13 ·04 / 14 ·94	22 ·03 / 23 ·97	12	19	Sat. 14	1 ·74	2 ·45	14	20	Thur. 14	2 ·27	8 ·47	16
20	Tues. ○ 15	P ·85	24 ·91	13	20	Sun. 15	2 ·76	3 ·47	15	21	Fri. 15	3 ·35	9 ·58	17
21	Wed. 16	1 ·76	25 ·86	14	21	Mon. 16	3 ·78	4 ·52	16	22	Sat. 16	4 ·45	10 ·69	18
22	Thur. 17	2 ·69	26 ·82	15	22	Tues. 17	4 ·82	5 ·58	17	23	Sun. 17	5 ·53	11 ·79	19
23	Fri. 18	3 ·64	27 ·80	16	23	Wed. 18	5 ·90	6 ·67	18	24	Mon. 18	6 ·60	12 ·87	20
24	Sat. 19	4 ·60	1 ·79	17	24	Thur. 19	6 ·97	7 ·77	19	25	Tues. 19	7 ·66	13 ·93	21
25	Sun. 20	5 ·59	2 ·81	18	25	Fri. 20	... ...	8 ·88	20	26	Wed. 20	8 ·68	14 ·98	22
26	Mon. 21	6 ·59	3 ·85	19	26	Sat. 21	7 ·06	9 ·98	21	27	Thur. 21	9 ·69	... ...	23
27	Tues. 22	7 ·62	4 ·90	20	27	Sun. 22	8 ·15	... ...	22	28	Fri. 22	10 ·68	15 ·01	24
28	Wed. 23	8 ·66	5 ·97	21	28	Mon. 23	9 ·24	10 ·08	23	—29	Sat. 23	11 ·65	16 ·02	25
29	Thur. 24	9 ·72	... ...	22	29	Tues. 24	10 ·30	11 ·18	24	1	Sun. 24	12 ·60	17 ·00 / 18 ·97	26
30	Fri. 25	10 ·79	6 ·06	23	—30	Wed. 25	11 ·35	12 ·26	25	2	Mon. 25	13 ·53	19 ·92	27
—31	Sat. 26	11 ·87	7 ·16	24	1	Thur. 26	12 ·40	13 ·31	26	3	Tues. 26	14 ·46	20 ·87	28
1	Sun. 27	12 ·96	8 ·28	25	2	Fri. 27	13 ·40	14 ·35	27	4	Wed. 27	—A ·36	21 ·81	29
2	Mon. 28	... ...	9 ·38	26	3	Sat. 28	14 ·39	15 ·36	28	5	Thur. 28	1 ·26	22 ·74	—30
3	Tues. 29	13 ·04	10 ·48	27	4	Sun. 29	—A ·35	16 ·36	29	6	Fri. 29	2 ·16	23 ·67	1
4	Wed. 30	14 ·12	11 ·57	28	5	Mon. 30	1 ·31	17 ·34	—30	7	Sat. 30	3 ·06 / 4 ·97	24 ·60	2
5	Thur. 31	—A ·16	12 ·63	29	6	Tues. 31	2 ·26	18 ·30	1	8	Sun. 31	5 ·89	25 ·54	3

Virodhin. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.**

Virodhin. **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.**

Virodhin. **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.**

Virodhin. **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.**

Virodhin. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.**

Virodhin. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Māgha.**

Virodhin. **Makara—Tai.**

H. 441 Śafar. H. 441 Rabi-ul awwal. H. 441 Rabi-ul ākhir. H. 441 Jamāda'l awwal. H. 441 Jamāda'l ākhir. H. 441 Rajab.

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1050. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·68.** **Śaka 972.** **Kaliyuga 4151.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·64.** **(S. Cycle) Vikṛita.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	6 ·82	26 ·49	4	9	Thur. 1	6 ·87	3 ·07	4	8	Tues. 1	7 ·18	9 ·08	6
10	Tues. 2	7 ·75	27 ·45	5	10	Fri. 2	7 ·90	4 ·09	5	9	Wed. 2	8 ·26	10 ·19	7
11	Wed. 3	8 ·71	1 ·42	6	11	Sat. 3	8 ·93	5 ·18	6	10	Thur. 3	9 ·34	11 ·30	8
12	Thur. 4	9 ·67	2 ·41	7	12	Sun. 4	9 ·97	6 ·19	7	11	Fri. 4	10 ·40	12 ·40	9
13	Fri. 5	10 ·67	3 ·43	8	13	Mon. 5	... ...	7 ·28	8	12	Sat. 5	11 ·46	13 ·48	10
14	Sat. 6	11 ·68	4 ·46	9	14	Tues. 6	10 ·03	8 ·38	9	13	Sun. 6	12 ·51	14 ·55	11
15	Sun. 7	12 ·72	5 ·51	10	15	Wed. 7	11 ·12	9 ·48	10	14	Mon. 7	13 ·52	15 ·59	12
16	Mon. 8	13 ·77	6 ·58	11	16	Thur. 8	12 ·22	10 ·59	11	15	Tues. 8	14 ·58	16 ·63	13
17	Tues. 9	14 ·84	7 ·67	12	17	Fri. 9	13 ·30	11 ·69	12	16	Wed. 9	P ·51	17 ·64	14
18	Wed. 10	P ·92	8 ·77	13	18	Sat. 10	14 ·38	12 ·79	13	17	Thur. 10	1 ·48	18 ·62	15
19	Thur. 11	... ...	9 ·88	14	19	Sun. 11	P ·43	13 ·87	14	18	Fri. 11	2 ·41	19 ·59	16
20	Fri. 12	1 ·00	10 ·99	15	20	Mon. 12	1 ·47	14 ·93	15	19	Sat. 12	3 ·34	20 ·55	17
21	Sat. 13	2 ·10	... ...	16	21	Tues. 13	2 ·51	15 ·97	16	20	Sun. 13	4 ·26	21 ·50	18
22	Sun. 14	3 ·18	11 ·09	17	22	Wed. 14	3 ·50	16 ·98	17	21	Mon. 14	5 ·16	22 ·44	19
23	Mon. 15	4 ·25	12 ·18	18	23	Thur. 15	4 ·49	17 ·99	18			6 ·06		
24	Tues. 16	5 ·29	13 ·24	19	24	Fri. 16	5 ·44	18 ·97	19	22	Tues. 15	7 ·96	23 ·37	20
25	Wed. 17	6 ·32	14 ·30	20	25	Sat. 17	6 ·39	19 ·93	20	23	Wed. 16	8 ·86	24 ·30	21
26	Thur. 18	7 ·33	15 ·33	21	26	Sun. 18	7 ·32	20 ·88	21	24	Thur. 17	9 ·76	25 ·23	22
27	Fri. 19	8 ·31	16 ·34	22	27	Mon. 19	8 ·24	21 ·82	22	25	Fri. 18	10 ·66	26 ·19	23
28	Sat. 20	9 ·28	17 ·33	23	28	Tues. 20	9 ·14	22 ·75	23	26	Sat. 19	11 ·58	27 ·12	24
—29	Sun. 21	10 ·22	18 ·30	24			10 ·04			27	Sun. 20	12 ·51	1 ·07	25
1	Mon. 22	11 ·15	19 ·28	25	29	Wed. 21	11 ·94	23 ·69	24	28	Mon. 21	13 ·46	2 ·04	26
		12 ·08			30	Thur. 22	12 ·84	24 ·62	25	29	Tues. 22	14 ·44	3 ·03	27
2	Tues. 23	13 ·99	20 ·21	26	—31	Fri. 23	13 ·75	25 ·55	26	30	Wed. 23	—A ·42	4 ·05	28
3	Wed. 24	14 ·89	21 ·15	27	1	Sat. 24	14 ·66	26 ·49	27	—31	Thur. 24	1 ·42	5 ·08	29
4	Thur. 25	—A ·79	22 ·08	28	2	Sun. 25	—A ·58	27 ·44	28	1	Fri. 25	2 ·45	6 ·12	—30
		23 ·01			3	Mon. 26	1 ·51	1 ·41	—29	2	Sat. 26	3 ·50	7 ·19	1
5	Fri. 26	1 ·69	24 ·95	—29	4	Tues. 27	2 ·46	2 ·39	1	3	Sun. 27	4 ·55	8 ·28	2
6	Sat. 27	2 ·59	25 ·88	1	5	Wed. 28	3 ·43	3 ·39	2	4	Mon. 28	5 ·63	9 ·37	3
7	Sun. 28	3 ·51	26 ·82	2	6	Thur. 29	4 ·41	4 ·40	3	5	Tues. 29	6 ·72	10 ·49	4
8	Mon. 29	4 ·43	27 ·78	3	7	Fri. 30	5 ·43	5 ·44	4	6	Wed. 30	7 ·80	11 ·60	5
9	Tues. 30	5 ·37	1 ·75	4	8	Sat. 31	6 ·46	6 ·51	5	7	Thur. 31	8 ·87	12 ·70	6
10	Wed. 31	6 ·32	2 ·73	5										
	Feb.					**April.**					**June.**			
11	Thur. 1	7 ·29	3 ·75	6	9	Sun. 1	7 ·52	7 ·58	6	8	Fri. 1	9 ·94	13 ·78	7
12	Fri. 2	8 ·28	4 ·77	7	10	Mon. 2	8 ·58	8 ·68	7	9	Sat. 2	10 ·99	14 ·86	8
13	Sat. 3	9 ·30	5 ·82	8	11	Tues. 3	9 ·66	9 ·78	8	10	Sun. 3	... ...	15 ·92	9
14	Sun. 4	10 ·34	6 ·89	9	12	Wed. 4	10 ·75	10 ·88	9	11	Mon. 4	11 ·00	16 ·95	10
15	Mon. 5	11 ·39	7 ·97	10	13	Thur. 5	11 ·82	... ...	10			12 ·00		
16	Tues. 6	12 ·46	... ..	11	14	Fri. 6	12 ·89	11 ·00	11	12	Tues. 5	13 ·98	17 ·96	11
17	Wed. 7	13 ·54	8 ·08	12	15	Sat. 7	13 ·96	12 ·09	12	13	Wed. 6	14 ·95	18 ·95	12
18	Thur. 8	14 ·63	9 ·18	13	16	Sun. 8	... ...	13 ·18	13	14	Thur. 7	P ·89	19 ·92	13
19	Fri. 9	P ·72	10 ·29	14	17	Mon. 9	14 ·01	14 ·24	14	15	Fri. 8	1 ·83	20 ·89	14
20	Sat. 10	1 ·79	11 ·39	15	18	Tues. 10	P ·03	15 ·28	15	16	Sat. 9	2 ·74	21 ·84	15
21	Sun. 11	2 ·85	12 ·48	16	19	Wed. 11	1 ·03	16 ·30	16	17	Sun. 10	3 ·65	22 ·78	16
22	Mon. 12	3 ·90	13 ·56	17			2 ·01			18	Mon. 11	4 ·55	23 ·71	17
23	Tues. 13	4 ·93	14 ·62	18	20	Thur. 12	3 ·97	17 ·31	17	19	Tues. 12	5 ·44	24 ·64	18
24	Wed. 14	5 ·93	15 ·65	19	21	Fri. 13	4 ·91	18 ·30	18	20	Wed. 13	6 ·34	25 ·58	19
25	Thur. 15	6 ·92	16 ·66	20	22	Sat. 14	5 ·84	19 ·26	19	21	Thur. 14	7 ·24	26 ·51	20
26	Fri. 16	7 ·88	17 ·65	21	23	Sun. 15	6 ·77	20 ·22	20	22	Fri. 15	8 ·15	27 ·45	21
27	Sat. 17	8 ·82	18 ·64	22	24	Mon. 16	7 ·67	21 ·16	21	23	Sat. 16	9 ·06	1 ·41	22
28	Sun. 18	9 ·75	19 ·60	23	25	Tues. 17	8 ·57	22 ·10	22			10 ·00		
29	Mon. 19	10 ·67	20 ·54	24				23 ·03		24	Sun. 17	11 ·94	2 ·37	23
30	Tues. 20	11 ·58	21 ·48	25	26	Wed. 18	9 ·47	24 ·96	23	25	Mon. 18	12 ·91	3 ·37	24
1	Wed. 21	12 ·48	22 ·41	26	27	Thur. 19	10 ·37	25 ·89	24	26	Tues. 19	13 ·89	4 ·37	25
2	Thur. 22	13 ·38	23 ·35	27	28	Fri. 20	11 ·27	26 ·83	25	27	Wed. 20	14 ·90	5 ·39	26
3	Fri. 23	14 ·28	24 ·28	28	29	Sat. 21	12 ·17	27 ·79	26	28	Thur. 21	—A ·93	6 ·43	27
4	Sat. 24	—A ·20	25 ·22	29	30	Sun. 22	13 ·09	1 ·74	27	29	Fri. 22	1 ·97	7 ·50	28
5	Sun. 25	1 ·11	26 ·16	—30			14 ·02			30	Sat. 23	... ...	8 ·58	29
		2 ·02			—31	Mon. 23	—A ·98	2 ·72	28	31	Sun. 24	2 ·03	9 ·68	—30
6	Mon. 26	3 ·96	27 ·11	1	1	Tues. 24	1 ·95	3 ·71	29	—32	Mon. 25	3 ·11	10 ·79	1
7	Tues. 27	4 ·91	1 ·08	2	2	Wed. 25	2 ·92	4 ·72	—30	1	Tues. 26	4 ·19	11 ·89	2
8	Wed. 28	5 ·89	2 ·07	3	3	Thur. 26	3 ·94	5 ·76	1	2	Wed. 27	5 ·27	... ...	3
					4	Fri. 27	4 ·98	6 ·82	2	3	Thur. 28	6 ·34	12 ·00	4
					5	Sat. 28	... ...	7 ·89	3	4	Fri. 29	7 ·41	13 ·09	5
					6	Sun. 29	5 ·0.	8 ·98	4	5	Sat. 30	8 ·46	14 ·17	6
					7	Mon. 30	6 ·10	... ...	5					

Virodhin. **Makara—Tai.** Bahula. Māgha. Śiśira. H. 441 Śha'bān. II. 441 Shawwāl.
Virodhin. **Kumbha—Māśi.** Sukla. Phālguna. Vasanta. H. 441 Ramaẓān. H. 441 Zi-l-ka'da.
Virodhin. **Mīna—Paṅguni.** Bahula. Chaitra. Vasanta. H. 441 Zi-l-ka'da. H. 442 Muharram.
Virodhin. **Mīna—Paṅguni.** Sukla. Chaitra. Vasanta. H. 442 Muharram. H. 442 Ṣafar.
Vikṛita. **Mēsha—Chittirai.** Sukla. Vaiśākha. Grīshma. H. 441 Zi-l-ka'da.
Vikṛita. **Mēsha—Chittirai.** Bahula. Vaiśākha. Grīshma.
Vikṛita. **Vṛishabha—Vaigāśi.** Bahula. Jyeshṭha. Grīshma.
Vikṛita. **Mithuna—Āni.** Sukla. Nija Jyeshṭha. Grīshma.
Vikṛita. **Mithuna—Āni.** Bahula. Nija Jyeshṭha. Grīshma.
Vikṛita. **Mithuna—Āni.** Sukla. Adhika Jyeshṭha. Grīshma.
Vikṛita. **Vṛishabha—Vaigāśi.** Bahula. Adhika Jyeshṭha. Grīshma.
Vikṛita. **Vṛishabha—Vaigāśi.** Sukla. Āsh. Grīshma.

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1050. **Kollam 226,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 442.** **Vikrama 1107.**
A—Amāvāsyā. Commences Commences **May 26.** **Bengal San. 456.**
P—Paurnimā. **(N. Cycle) Nandana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	9 ·49	15 ·23	7	6	Sat.	1	12 ·18	23 ·73	10	7	Thur.	1	P ·75	2 ·08	12
7	Mon.	2	10 ·49	16 ·27	8				13 ·09							3 ·00	
8	Tues.	3	11 ·48	17 ·28	9	7	Sun.	2	14 ·99	24 ·66	11	8	Fri.	2	1 ·70	4 ·99	13
9	Wed.	4	12 ·43	18 ·28	10	8	Mon.	3	P ·89	25 ·59	12	9	Sat.	3	2 ·67	5 ·99	14
10	Thur.	5	13 ·37	19 ·26	11	9	Tues.	4	1 ·79	26 ·52	13	10	Sun.	4	3 ·66	... ...	15
11	Fri.	6	14 ·31	20 ·23	12	10	Wed.	5	2 ·69	27 ·46	14	11	Mon.	5	4 ·68	6 ·01	16
12	Sat.	7	P ·23	21 ·17	13	11	Thur.	6	3 ·62	1 ·41	15	12	Tues.	6	5 ·72	7 ·05	17
13	Sun.	8	1 ·14	22 ·11	14	12	Fri.	7	4 ·55	2 ·37	16	13	Wed.	7	6 ·76	8 ·11	18
			2 ·04	23 ·05		13	Sat.	8	5 ·49	3 ·34	17	14	Thur.	8	7 ·83	9 ·19	19
14	Mon.	9	3 ·94	24 ·99	15	14	Sun.	9	6 ·46	4 ·33	18	15	Fri.	9	8 ·91	10 ·29	20
15	Tues.	10	4 ·84	25 ·92	16	15	Mon.	10	7 ·44	5 ·34	19	16	Sat.	10	9 ·99	11 ·39	21
16	Wed.	11	5 ·74	26 ·85	17	16	Tues.	11	8 ·45	6 ·38	20	17	Sun.	11	... ...	12 ·50	22
17	Thur.	12	6 ·64	27 ·79	18	17	Wed.	12	9 ·47	7 ·43	21	18	Mon.	12	10 ·08	13 ·60	23
18	Fri.	13	7 ·56	1 ·74	19	18	Thur.	13	10 ·53	8 ·50	22	19	Tues.	13	11 ·17	14 ·70	24
19	Sat.	14	8 ·49	2 ·70	20	19	Fri.	14	11 ·59	9 ·58	23	20	Wed.	14	12 ·25	15 ·78	25
20	Sun.	15	9 ·43	3 ·69	21	20	Sat.	15	12 ·68	10 ·68	24	21	Thur.	15	13 ·29	16 ·84	26
21	Mon.	16	10 ·40	4 ·69	22	21	Sun.	16	13 ·76	11 ·80	25	22	Fri.	16	14 ·33	17 ·88	27
22	Tues.	17	11 ·38	5 ·71	23	22	Mon.	17	14 ·84	12 ·90	26	23	Sat.	17	—A ·33	18 ·90	28
23	Wed.	18	12 ·39	6 ·74	24	23	Tues.	18	—A ·92	... ...	27	24	Sun.	18	1 ·31	19 ·90	—29
24	Thur.	19	13 ·40	7 ·80	25	24	Wed.	19	1 ·99	13 ·00	28	25	Mon.	19	2 ·28	20 ·89	1
25	Fri.	20	14 ·45	8 ·89	26	25	Thur.	20	... ...	14 ·09	—29	26	Tues.	20	3 ·23	21 ·85	2
26	Sat.	21	—A ·52	9 ·98	27	26	Fri.	21	2 ·05	15 ·16	1	27	Wed.	21	4 ·17	22 ·81	3
27	Sun.	22	1 ·60	... ...	28	27	Sat.	22	3 ·07	16 ·22	2	28	Thur.	22	5 ·09	23 ·75	4
28	Mon.	23	2 ·69	10 ·09	—29	28	Sun.	23	4 ·09	17 ·25	3				6 ·01		
29	Tues.	24	3 ·77	11 ·19	1	29	Mon.	24	5 ·07	18 ·26	4	29	Fri.	23	7 ·91	24 ·68	5
30	Wed.	25	4 ·84	12 ·30	2				6 ·04			—30	Sat.	24	8 ·81	25 ·62	6
—31	Thur.	26	5 ·90	13 ·40	3	30	Tues.	25	7 ·99	19 ·25	5	1	Sun.	25	9 ·71	26 ·55	7
1	Fri.	27	6 ·95	14 ·48	4	—31	Wed.	26	8 ·93	20 ·22	6	2	Mon.	26	10 ·61	27 ·48	8
2	Sat.	28	7 ·99	15 ·54	5	1	Thur.	27	9 ·85	21 ·18	7	3	Tues.	27	11 ·53	1 ·42	9
3	Sun.	29	8 ·98	16 ·58	6	2	Fri.	28	10 ·76	22 ·13	8	4	Wed.	28	12 ·45	2 ·37	10
4	Mon.	30	9 ·97	17 ·60	7	3	Sat.	29	11 ·67	23 ·07	9	5	Thur.	29	13 ·39	3 ·34	11
5	Tues.	31	10 ·93	18 ·61	8	4	Sun.	30	12 ·57	24 ·00	10	6	Fri.	30	14 ·34	4 ·31	12
										25 ·93							
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	11 ·89	19 ·59	9	5	Mon.	1	13 ·47	26 ·86	11	7	Sat.	1	P ·32	5 ·31	13
7	Thur.	2	12 ·82	20 ·56	10	6	Tues.	2	14 ·37	27 ·81	12	8	Sun.	2	1 ·31	6 ·32	14
8	Fri.	3	13 ·74	21 ·51	11	7	Wed.	3	P ·27	1 ·75	13	9	Mon.	3	2 ·32	7 ·36	15
9	Sat.	4	14 ·65	22 ·45	12	8	Thur.	4	1 ·20	2 ·70	14	10	Tues.	4	3 ·36	8 ·41	16
10	Sun. ○	5	P ·55	23 ·39	13	9	Fri.	5	2 ·14	3 ·67	15	11	Wed.	5	4 ·41	9 ·50	17
11	Mon.	6	1 ·45	24 ·32	14	10	Sat.	6	3 ·08	4 ·65	16	12	Thur.	6	5 ·49	10 ·59	18
12	Tues.	7	2 ·35	25 ·25	15	11	Sun.	7	4 ·05	5 ·67	17	13	Fri.	7	6 ·57	11 ·69	19
13	Wed.	8	3 ·25	26 ·19	16	12	Mon.	8	5 ·04	6 ·69	18	14	Sat.	8	7 ·65	12 ·80	20
14	Thur.	9	4 ·15	27 ·12	17	13	Tues.	9	6 ·08	7 ·74	19	15	Sun.	9	8 ·73	13 ·90	21
15	Fri.	10	5 ·07	1 ·07	18	14	Wed.	10	7 ·08	8 ·80	20	16	Mon.	10	9 ·82	... ...	22
			6 ·00			15	Thur.	11	8 ·13	9 ·78	21	17	Tues.	11	10 ·89	14 ·00	23
16	Sat.	11	7 ·93	2 ·04	19	16	Fri.	12	9 ·19	10 ·99	22	18	Wed.	12	11 ·94	15 ·09	24
17	Sun.	12	8 ·91	3 ·02	20	17	Sat.	13	10 ·28	... ...	23	19	Thur.	13	12 ·97	16 ·15	25
18	Mon.	13	9 ·89	4 ·01	21	18	Sun.	14	11 ·37	11 ·10	24	20	Fri.	14	13 ·97	17 ·20	26
19	Tues.	14	10 ·90	5 ·02	22	19	Mon.	15	12 ·46	12 ·20	25	21	Sat.	15	14 ·97	18 ·22	27
20	Wed.	15	11 ·92	6 ·06	23	20	Tues.	16	13 ·54	13 ·30	26	22	Sun.	16	—A ·93	19 ·24	28
21	Thur.	16	12 ·98	7 ·12	24	21	Wed.	17	14 ·60	14 ·39	27	23	Mon.	17	1 ·88	20 ·22	29
22	Fri.	17	... ...	8 ·19	25	22	Thur.	18	—A ·65	15 ·47	28	24	Tues.	18	2 ·82	21 ·19	—30
23	Sat.	18	13 ·04	9 ·28	26	23	Fri.	19	1 ·68	16 ·53	29	25	Wed.	19	3 ·74	22 ·14	1
24	Sun.	19	14 ·11	10 ·38	27	24	Sat.	20	2 ·69	17 ·57	—30	26	Thur.	20	4 ·65	23 ·08	2
25	Mon.	20	—A ·20	11 ·49	28	25	Sun.	21	3 ·68	18 ·58	1					24 ·03	
26	Tues.	21	1 ·28	12 ·61	29	26	Mon.	22	4 ·65	19 ·58	2	27	Fri.	21	5 ·55	25 ·96	3
27	Wed.	22	2 ·36	13 ·70	—30	27	Tues.	23	5 ·60	20 ·55	3	28	Sat.	22	6 ·45	26 ·89	4
28	Thur.	23	3 ·43	14 ·79	1	28	Wed.	24	6 ·54	21 ·52	4	—29	Sun.	23	7 ·35	27 ·82	5
29	Fri.	24	4 ·49	15 ·85	2	—29	Thur.	25	7 ·45	22 ·47	5	1	Mon.	24	8 ·26	1 ·75	6
30	Sat.	25	5 ·50	16 ·90	3	1	Fri.	26	8 ·36	23 ·41	6	2	Tues.	25	9 ·17	2 ·70	7
—31	Sun.	26	6 ·51	17 ·93	4	2	Sat.	27	9 ·27	24 ·34	7	3	Wed	26	10 ·10	3 ·67	8
1	Mon.	27	7 ·50	18 ·94	5	3	Sun.	28	10 ·17	25 ·27	8				11 ·04		
2	Tues.	28	8 ·47	19 ·92	6	4	Mon.	29	11 ·07	26 ·21	9	4	Thur	27	12 ·98	4 ·64	9
3	Wed.	29	9 ·42	20 ·89	7				12 ·98			5	Fri.	28	13 ·96	5 ·63	10
4	Thur.	30	10 ·35	21 ·84	8	5	Tues.	30	13 ·90	27 ·14	10	6	Sat.	29	14 ·94	6 ·64	11
5	Fri.	31	11 ·27	22 ·79	9	6	Wed.	31	14 ·82	1 ·08	11	7	Sun.	30	P. ·97	7 ·68	12
												8	Mon.	31	... ...	8 ·73	13

Vikṛita. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* **Āshādha.** **Śrāvana.** **Bhād.** *H. 442 Śafar.* *H. 442 Rabī-ul ākhir.* *Vikṛita.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** **Kārttika.** *H. 442 Jamādā'l awwal.* *H. 442 Jamādā'l ākhir.* *Vikṛita.* **Vṛiśchika—Kārttigai.** *Bahula.* *Sukla.* **Kārttika.** **Mārgaśirsha.** **Pausha.** *H. 442 Rajab.* *H. 442 Sha'bān.* *Vikṛita.* **Dhanus—Mārgali.** *Bahula.* *Sukla.* **Mārgaśirsha.** **Pausha.** **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1051. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·94.** **Śaka 973.** **Kaliyuga 4152.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·90.** **(S. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Tues.	1	1 ·00	9 ·80	14	8	Fri.	1	1 ·53	13 ·81	14	8	Wed.	1	3 ·85	19 ·84	16
10	Wed.	2	2 ·06	10 ·89	15	9	Sat.	2	2 ·62	14 ·91	15	9	Thur.	2	4 ·84	20 ·86	17
11	Thur.	3	3 ·14	11 ·99	16	10	Sun.	3	3 ·69	... ...	16	10	Fri.	3	5 ·80	21 ·84	18
12	Fri.	4	4 ·22	... ...	17	11	Mon.	4	4 ·74	15 ·00	17	11	Sat.	4	6 ·73	22 ·81	19
13	Sat.	5	5 ·30	12 ·10	18	12	Tues.	5	5 ·79	16 ·09	18	12	Sun.	5	7 ·66	23 ·77	20
14	Sun.	6	6 ·39	13 ·21	19	13	Wed.	6	6 ·81	17 ·15	19	13	Mon.	6	8 ·57	24 ·71	21
15	Mon.	7	7 ·48	14 ·31	20	14	Thur.	7	7 ·81	18 ·19	20	14	Tues.	7	9 ·47	25 ·66	22
16	Tues.	8	8 ·54	15 ·40	21	15	Fri.	8	8 ·79	19 ·20	21	15	Wed.	8	10 ·37	26 ·59	23
17	Wed.	9	9 ·59	16 ·46	22	16	Sat.	9	9 ·75	20 ·20	22	16	Thur.	9	11 ·27	27 ·52	24
18	Thur.	10	10 ·61	17 ·51	23	17	Sun.	10	10 ·69	21 ·19	23	17	Fri.	10	12 ·17	1 ·45	25
19	Fri.	11	11 ·61	18 ·55	24	18	Mon.	11	11 ·63	22 ·15	24	18	Sat.	11	13 ·07	2 ·38	26
20	Sat.	12	12 ·60	19 ·56	25	19	Tues.	12	12 ·54	23 ·10	25				14 ·98		
21	Sun.	13	13 ·56	20 ·55	26					24 ·04		19	Sun.	12	—A ·90	3 ·34	27
22	Mon.	14	14 ·51	21 ·52	27	20	Wed.	13	13 ·44	25 ·97	26	20	Mon.	13	1 ·83	4 ·29	28
23	Tues.	●15	—A ·44	22 ·47	28	21	Thur.	14	14 ·34	26 ·90	27	21	Tues.	14	2 ·78	5 ·26	—29
24	Wed.	16	1 ·36	23 ·43	—29	22	Fri.	15	—A ·24	27 ·84	28	22	Wed.	15	3 ·76	6 ·25	1
25	Thur.	17	2 ·27	24 ·36	1	23	Sat.	16	1 ·14	1 ·77	—29	23	Thur.	16	4 ·74	7 ·26	2
26	Fri.	18	3 ·17	25 ·29	2				2 ·04			24	Fri.	17	5 ·75	8 ·30	3
27	Sat.	19	4 ·07	26 ·22	3	24	Sun.	17	3 ·95	2 ·71	1	25	Sat.	18	6 ·78	9 ·34	4
			5 ·97			25	Mon.	18	4 ·87	3 ·66	2	26	Sun.	19	7 ·83	10 ·41	5
28	Sun.	20	6 ·88	27 ·15	4	26	Tues.	19	5 ·81	4 ·62	3	27	Mon.	20	8 ·89	11 ·50	6
29	Mon.	21	7 ·79	1 ·10	5	27	Wed.	20	6 ·77	5 ·61	4	28	Tues.	21	9 ·96	12 ·60	7
—30	Tues.	22	8 ·72	2 ·04	6	28	Thur.	21	7 ·74	6 ·61	5	29	Wed.	22	... ...	13 ·71	8
				3 ·00		29	Fri.	22	8 ·78	7 ·62	6	30	Thur.	23	10 ·03	14 ·82	9
1	Wed.	23	9 ·66	4 ·97	7	—30	Sat.	23	9 ·74	8 ·66	7	—31	Fri.	24	11 ·12	15 ·92	10
2	Thur.	24	10 ·61	5 ·95	8	1	Sun.	24	10 ·79	9 ·72	8	1	Sat.	25	12 ·21	... ...	11
3	Fri.	25	11 ·59	6 ·97	9	2	Mon.	25	11 ·84	10 ·80	9	2	Sun.	26	13 ·28	16 ·01	12
4	Sat.	26	12 ·57	7 ·99	10	3	Tues.	26	12 ·91	11 ·90	10	3	Mon.	27	14 ·31	17 ·08	13
5	Sun.	27	13 ·59	... ...	11	4	Wed.	27	13 ·98	... ...	11	4	Tues.	28	P ·33	18 ·13	14
6	Mon.	28	14 ·64	8 ·04	12	5	Thur.	28	... ...	12 ·00	12	5	Wed.	29	1 ·33	19 ·17	15
7	Tues.	29	P ·69	9 ·11	13	6	Fri.	29	14 ·07	13 ·11	13	6	Thur.	30	2 ·32	20 ·18	16
8	Wed.	30	1 ·76	10 ·19	14	7	Sat.	30	P ·16	14 ·21	14	7	Fri.	31	3 ·27	21 ·17	17
9	Thur.	31	2 ·84	11 ·29	15	8	Sun.	31	1 ·23	15 ·32	15						
		Feb.						**April.**						**June.**			
10	Fri.	1	3 ·93	12 ·40	16	9	Mon.	1	2 ·29	16 ·40	16	8	Sat.	1	4 ·22	22 ·14	18
11	Sat.	2	... ...	13 ·51	17	10	Tues.	2	3 ·33	17 ·46	17	9	Sun.	2	5 ·15	23 ·10	19
12	Sun.	3	4 ·01	14 ·61	18	11	Wed.	3	4 ·35	18 ·50	18	10	Mon.	3	6 ·06	24 ·06	20
13	Mon.	4	5 ·09	15 ·70	19	12	Thur.	4	5 ·35	19 ·52	19				7 ·96		
14	Tues.	5	6 ·16	16 ·77	20	13	Fri.	5	6 ·33	20 ·53	20	11	Tues.	4	8 ·86	25 ·00	21
15	Wed.	6	7 ·21	17 ·84	21	14	Sat.	6	7 ·29	21 ·52	21					26 ·03	
16	Thur.	7	8 ·22	18 ·87	22	15	Sun.	7	8 ·23	22 ·48	22	12	Wed.	5	9 ·76	27 ·86	22
17	Fri.	8	9 ·23	19 ·88	23	16	Mon.	8	9 ·16	23 ·43	23	13	Thur.	6	10 ·66	1 ·79	23
18	Sat.	9	10 ·21	20 ·87	24				10 ·07			14	Fri.	7	11 ·56	2 ·73	24
19	Sun.	10	11 ·17	21 ·85	25	17	Tues.	9	11 ·97	24 ·38	24	15	Sat.	8	12 ·47	3 ·67	25
20	Mon.	11	12 ·11	22 ·82	26	18	Wed.	10	12 ·87	25 ·31	25	16	Sun.	9	13 ·39	4 ·63	26
			13 ·05			19	Thur.	11	13 ·77	26 ·25	26	17	Mon.	10	14 ·31	5 ·59	27
21	Tues.	12	14 ·97	23 ·76	27	20	Fri.	12	14 ·67	27 ·18	27	18	Tues.	11	—A ·26	6 ·58	28
22	Wed.	13	—A ·88	24 ·70	28	21	Sat.	13	—A ·57	1 ·11	28	19	Wed.	12	1 ·23	7 ·59	29
23	Thur.	14	1 ·78	25 ·63	29					2 ·05		20	Thur.	13	2 ·21	8 ·61	—30
24	Fri.	15	2 ·68	26 ·56	—30	22	Sun.	14	1 ·48	3 ·99	29	21	Fri.	14	3 ·23	9 ·65	1
25	Sat.	16	3 ·58	27 ·50	1	23	Mon.	15	2 ·39	4 ·96	—30	22	Sat.	15	4 ·25	10 ·72	2
26	Sun.	17	4 ·48	1 ·44	2	24	Tues.	16	3 ·34	5 ·94	1	23	Sun.	16	5 ·31	11 ·80	3
27	Mon.	18	5 ·39	2 ·38	3	25	Wed.	17	4 ·29	6 ·93	2	24	Mon.	17	6 ·37	12 ·89	4
28	Tues.	19	6 ·32	3 ·33	4	26	Thur.	18	5 ·26	7 ·94	3	25	Tues.	18	7 ·45	... ...	5
29	Wed.	20	7 ·25	4 ·30	5	27	Fri.	19	6 ·25	8 ·97	4	26	Wed.	19	8 ·53	13 ·01	6
—30	Thur.	21	8 ·21	5 ·28	6	28	Sat.	20	7 ·25	... ...	5	27	Thur.	20	9 ·61	14 ·12	7
1	Fri.	22	9 ·18	6 ·29	7	29	Sun.	21	8 ·30	9 ·04	6	28	Fri.	21	10 ·69	15 ·22	8
2	Sat.	23	10 ·17	7 ·31	8	30	Mon.	22	9 ·35	10 ·11	7	29	Sat.	22	11 ·74	16 ·31	9
3	Sun.	24	11 ·20	8 ·35	9	—31	Tues.	23	10 ·42	11 ·20	8	30	Sun.	23	12 ·79	17 ·38	10
4	Mon.	25	12 ·23	9 ·41	10	1	Wed.	24	11 ·50	12 ·30	9	31	Mon.	24	13 ·81	18 ·45	11
5	Tues.	26	13 ·28	10 ·49	11	2	Thur.	25	12 ·58	13 ·40	10	—32	Tues.	25	14 ·82	19 ·49	12
6	Wed.	27	14 ·36	11 ·59	12	3	Fri.	26	13 ·66	14 ·52	11	1	Wed.	○26	P ·80	20 ·50	13
7	Thur.	28	P ·44	12 ·70	13	4	Sat.	27	14 ·74	15 ·62	12	2	Thur.	27	1 ·75	21 ·50	14
						5	Sun.	28	P ·80	16 ·70	13	3	Fri.	28	2 ·70	22 ·47	15
						6	Mon.	29	1 ·84	17 ·77	14	4	Sat.	29	3 ·62	23 ·45	16
						7	Tues.	30	2 ·85	18 ·82	15	5	Sun.	30	4 ·54	24 ·39	17

Vikrita. **Makara—Tai.** **Paushs.** *Bahula.* *Sukla.* **Māgha.** **P** *Bahula.* **Kumbha—Māsi.** **Phālguna.** *Sukla.* **P** *Vikrita.* **Mīna—Pāguni.** **Phālguna.** *Bahula.* *Sukla.* **Chaitra.** **P** *Khara.* **Mēsha—Chittirai.** **Vaisākha.** *Bahula.* *Sukla.* **Jyeshtha.** **P** *Khara.* **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* **Jyeshtha.** **P** *Khara.* **Mithuna—Āni.** *Bahula.* *Sukla.* **Ashādha.** **P**

H. 442 Sha'bān. *H. 442 Ramazān.* *H. 442 Shawwāl.* *H. 442 Zi-l-ka'da.* *H. 442 Zi-l-hijja.* *H. 443 Muharram.* *H. 443 Safar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1051. **Kollam 227,** Commences {**N. Malabar—Aug.** **S. Malabar—July.** **Hijra 443.** Commences **May 15.** **Vikrama 1108.** **Bengal San. 457.** **(N. Cycle) Vijaya.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and dar.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
	6 Mon. 1	5 ·45	25 ·33	18	6	Sun. 1	9 ·79	6 ·56	21	6	Fri. 1	10 ·05	12 ·41	23
	7 Tues. 3	6 ·35	26 ·27	19	7	Mon. 2	10 ·78	7 ·55	22	7	Sat. 2	11 ·12	13 ·51	24
	8 Wed. 3	7 ·25	27 ·20	20	8	Tues. 3	11 ·75	8 ·56	23	8	Sun. 3	12 ·20	14 ·61	25
	9 Thur. 4	8 ·15	1 ·13	21	9	Wed. 4	12 ·77	9 ·59	24	9	Mon. 4	13 ·29	15 ·72	26
	10 Fri. 5	9 ·05 10 ·96	2 ·07	22	10	Thur. 5	13 ·79	10 ·65	25	10	Tues. 5	14 ·38	16 ·82	27
			3 ·01		11	Fri. 6	14 ·84	11 ·72	26	11	Wed. 6	—A ·46	17 ·92	28
	11 Sat. 6	11 ·87	4 ·96	23	12	Sat. 7	—A ·90	12 ·80	27	12	Thur. 7	1 ·52	.. ...	29
	12 Sun. 7	12 ·79	5 ·92	24	13	Sun. 8	1 ·98	13 ·90	28	13	Fri. 8	2 ·58	18 ·00	1
	13 Mon. 8	13 ·75	6 ·91	25	14	Mon. 9	... ...	... ...	29	14	Sat. 9	3 ·60	19 ·06	2
	14 Tues. 9	14 ·72	7 ·91	26	15	Tues. 10	2 ·06	14 ·01	1	15	Sun. 10	4 ·61	20 ·10	3
	15 Wed. 10	—A ·69	8 ·93	27	16	Wed. 11	3 ·15	15 ·12	2	16	Mon. 11	5 ·60	21 ·12	4
	16 Thur. 11	1 ·71	9 ·96	28	17	Thur. 12	4 ·22	16 ·22	3	17	Tues. 12	6 ·56	22 ·12	5
	17 Fri. 12	2 ·73	... ...	29	18	Fri. 13	5 ·29	17 ·31	4	18	Wed. 13	7 ·52	23 ·10	6
	18 Sat. 13	3 ·79	10 ·02	1	19	Sat. 14	6 ·34	18 ·38	5	19	Thur. 14	8 ·44	24 ·07	7
	19 Sun. 14	4 ·85	11 ·10	2	20	Sun. 15	7 ·38	19 ·43	6	20	Fri. 15	9 ·37	25 ·02 26 ·96	8
	20 Mon. 15	5 ·93	12 ·20	3	21	Mon. 16	8 ·39	20 ·47	7	21	Sat. 16	10 ·28	27 ·90	9
	21 Tues. 16	... .	13 ·31	4	22	Tues. 17	9 ·37	21 ·48	8	22	Sun. 17	11 ·18	1 ·83	10
	22 Wed. 17	6 ·01	14 ·41	5	23	Wed. 18	10 ·35	22 ·47	9			12 ·08		
	23 Thur. 18	7 ·10	15 ·52	6	24	Thur. 19	11 ·29	23 ·44	10	23	Mon. 18	13 ·98	2 ·77	11
	24 Fri. 19	8 ·17	16 ·61	7	25	Fri. 20	12 ·22	24 ·40	11	24	Tues. 19	14 ·89	3 ·70	12
	25 Sat. 20	9 ·22	17 ·70	8	26	Sat. 21	13 ·14	25 ·34	12	25	Wed. 20	P ·80	4 ·64	13
	26 Sun. 21	10 ·27	18 ·76	9	27	Sun. 22	14 ·05 P ·95	26 ·29	13	26	Thur 21	1 ·72	5 ·59	14
	27 Mon. 22	11 ·30	19 ·80	10	28	Mon. 23	1 ·85	27 ·22	14	27	Fri. 22	2 ·67	6 ·55	15
	28 Tues. 23	12 ·31	20 ·82	11	29	Tues. 24	2 ·75	1 ·15	15	28	Sat. 23	3 ·63	7 ·53	16
	29 Wed. 24	13 ·29	21 ·82	12	30	Wed. 25	3 ·65	2 ·08	16	29	Sun. 24	4 ·60	8 ·53	17
	30 Thur. 25	14 ·25	22 ·81	13				3 ·01		1	Mon. 25	5 ·58	9 ·54	18
	31 Fri. 26	P ·20	23 ·78	14	31	Thur. 26	4 ·57	4 ·97	17	2	Tues. 26	6 ·61	10 ·58	19
	1 Sat. 27	1 ·12	24 ·73	15	1	Fri. 27	5 ·49	5 ·92	18	3	Wed. 27	7 ·64	11 ·63	20
	2 Sun. 28	2 ·04 3 ·95	25 ·67	16	2	Sat. 28	6 ·43	6 ·89	19	4	Thur. 28	8 ·70	12 ·71	21
	3 Mon. 29	4 ·85	26 ·60	17	3	Sun. 29	7 ·37	7 ·87	20	5	Fri. 29	9 ·77	13 ·81	22
	4 Tues. 30	5 ·75	27 ·54	18	4	Mon. 30	8 ·35	8 ·88	21	6	Sat. 30	10 ·85	14 ·91	23
	5 Wed. 31	6 ·65	1 ·47	19										
	Aug.					**Oct.**					**Dec.**			
	6 Thur. 1	7 ·55	2 ·40	20	5	Tues. 1	9 ·33	9 ·91	22	7	Sun. 1	11 ·94	... ..	24
	7 Fri. 2	8 ·46	3 ·34	21	6	Wed. 2	10 ·35	10 ·96	23	8	Mon. 2	... .	15 ·02	25
	8 Sat. 3	9 ·38	4 ·29	22	7	Thur. 3	11 ·38	... ...	24	9	Tues. 3	12 ·03	16 ·12	26
	9 Sun. 4	10 ·30	5 ·25	23	8	Fri. 4	12 ·43	11 ·02	25	10	Wed. 4	13 ·12	17 ·22	27
	10 Mon. 5	11 ·25	6 ·24	24	9	Sat 5	13 ·50	12 ·10	26	11	Thur. 5	14 ·18	18 ·31	28
	11 Tues. 6	12 ·22	7 ·23	25	10	Sun. 6	14 ·58	13 ·20	27	12	Fri. 6	—A ·23	19 ·38	29
	12 Wed. 7	13 ·21	8 ·24	26	11	Mon. 7	—A ·66	14 ·32	28	13	Sat. 7	1 ·25	20 ·42	— 30
	13 Thur. 8	14 ·23	9 ·28	27	12	Tues. 8	1 ·75	15 ·42	29	14	Sun. 8	2 ·26	21 ·44	1
	14 Fri. 9	—A ·25	10 ·33	28	13	Wed. 9	2 ·84	16 ·52	— 30	15	Mon. 9	3 ·24	22 ·44	2
	15 Sat. 10	1 ·30	11 ·41	29	14	Thur. 10	3 ·90	17 ·61	1	16	Tues. 10	4 ·21	23 ·44	3
	16 Sun. 11	2 ·36	12 ·50	—30	15	Fri. 11	4 ·94	18 ·69	2	17	Wed. 11	5 ·16	24 ·41	4
	17 Mon. 12	3 ·43	13 ·60	1	16	Sat. 12	5 ·98	19 ·74	3	18	Thur. 12	6 ·09	25 ·36	5
	18 Tues. 13	4 ·51	14 ·71	2	17	Sun. 13	6 ·98	20 ·79	4	19	Fri. 13	7 ·01 8 ·92	26 30	6
	19 Wed. 14	5 ·6	15 ·82	3	18	Mon. 14	7 ·97	21 ·80	5					
	20 Thur. 15	6 ·68	16 ·92	4	19	Tues. 15	8 ·94	22 ·79	6	20	Sat. 14	9 ·83	27 ·24	7
	21 Fri. 16	7 ·75	.. ...	5	20	Wed. 16	9 ·90	23 ·77	7	21	Sun. 15	10 ·74	1 18	8
	22 Sat. 17	8 ·79	17 ·01	6	21	Thur. 17	10 ·82	24 ·73	8	22	Mon. 16	11 ·64	2 ·11	9
	23 Sun. 18	9 ·81	18 ·07	7	22	Fri. 18	11 ·74	25 ·69	9	23	Tues. 17	12 ·54	3 ·04 4 ·97	10
	24 Mon. 19	10 ·83	19 ·12	8	23	Sat. 19	12 ·65	26 ·63	10					
	25 Tues. 20	11 ·81	20 ·14	9	24	Sun. 20	13 ·56	27 ·56	11	24	Wed. 18	13 ·45	5 ·92	11
	26 Wed. 21	12 ·78	21 ·16	10	25	Mon. 21	14 ·46	1 ·49	12	25	Thur. 19	4 ·38	6 ·89	12
	27 Thur. 22	13 ·73	22 ·14	11	26	Tues. 22	P ·36	2 ·42	13	26	Fri. ○20	P ·31	7 ·86	13
	28 Fri. 23	14 ·66	23 ·11	12	27	Wed. 23	1 ·27	3 ·36	14	27	Sat. 21	1 ·27	8 ·80	14
	29 Sat. 24	P ·57	24 ·06	13	28	Thur. 24	2 ·18	4 ·30	15	28	Sun. 22	2 ·25	9 ·76	15
	30 Sun. 25	1 ·48	25 ·01 26 ·95	14	29	Fri. 25	3 ·11	5 ·25	16	29	Mon. 23	3 ·24	10 ·89	16
	31 Mon. 26	2 ·38	27 ·88	15	—30	Sat. 26	4 ·04 5 ·98	6 ·22	17	—30	Tues. 24	4 ·25	11 ·94	17
	1 Tues. 27	3 ·28	1 ·81	16	1	Sun. 27	6 ·97	7 ·20	18	1	Wed. 25	5 ·29	... ...	18
	2 Wed. 28	4 ·18	2 ·74	17	2	Mon. 28	7 ·96	8 ·21	19	2	Thur. 26	6 ·36	12 ·02	19
	3 Thur. 29	5 ·08 6 ·99	3 ·68	18	3	Tues. 29	8 ·97	9 ·23	20	3	Fri. 27	7 ·43	13 ·11	20
	4 Fri. 30	7 ·91	4 ·62	19	4	Wed. 30	9 ·99	10 ·27	21	4	Sat. 28	8 ·51	14 ·21	21
	5 Sat. 31	8 ·85	5 ·59	20	5	Thur. 31	... ...	11 ·33	22	5	Sun. 29	9 ·60	15 ·32	22
										6	Mon. 30	10 ·69	16 ·42	23
										7	Tues. 31	11 ·77	17 ·53	24

Khara **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** *Bahula.* *Sukla.* **Bhādrapada.** *Bahula.* *Khara* **Simha—Āvaṇi.** *Bahula.* *Sukla.* *Khara* **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** *Bahula.* *Khara* **Tulā—Aippaśi.** *Bahula.* *Sukla.* **Kārttika.** *Bahula.* *Khara* **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* **Mārgaśīrsha.** *Bahula.* *Khara* **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* **Pausha.** *Bahula.*

H. 443 Ṣafar. H. 443 Rabī-ul awwal. H. 443 Rabī-ul ākhir. H. 443 Jamādā'l awwal. H. 443 Jamādā'l ākhir. H. 443 Rajab. H. 443 Shaʿbān.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1052. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·19.** **Śaka 974.** **Kaliyuga 4153.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·15.** **(S. Cycle) Nandana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	12 ·83	18 ·62	25	9	Sun. 1	12 ·10	23 ·42	26	9	Fri. 1	—**A** ·61	3 ·74	28
9	Thur. 2	13 ·87	19 ·68	26	10	Mon. 2	13 ·05	24 ·40	27	10	Sat. 2	1 ·51	4 ·67	—29
10	Fri. 3	14 ·89	20 ·73	27	11	Tues. 3	14 ·00 / **A** ·92	25 ·36	28	11	Sun. 3	2 ·41	5 ·60	1
11	Sat. 4	—**A** ·90	21 ·76	28						12	Mon. 4	3 ·31	6 ·55	2
12	Sun. 5	1 ·88	22 ·78	—29	12	Wed. 4	1 ·83	26 ·32	—29	13	Tues. 5	4 ·24	7 ·51	3
13	Mon. 6	2 ·86	23 ·77	1	13	Thur. 5	2 ·74	27 ·26	1	14	Wed. 6	5 ·18	8 ·48	4
14	Tues. 7	3 ·80	24 ·74	2	14	Fri. 6	3 ·64	1 ·19	2	15	Thur. 7	6 ·13	9 ·47	5
15	Wed. 8	4 ·72	25 ·69	3	15	Sat. 7	4 ·54	2 ·12	3	16	Fri. 8	7 ·09	10 ·48	6
16	Thur. 9	5 ·64	26 ·64	4	16	Sun. 8	5 ·44	3 ·05 / 4 ·99	4	17	Sat. 9	8 ·08	11 ·51	7
17	Fri. 10	6 ·55	27 ·58	5						18	Sun. 10	9 ·09	12 ·55	8
18	Sat. 11	7 ·46	1 ·51	6	17	Mon. 9	6 ·35	5 ·93	5	19	Mon. 11	10 ·11	13 ·63	9
19	Sun. 12	8 ·36	2 ·44	7	18	Tues. 10	7 ·26	6 ·88	6	20	Tues. 12	11 ·17	14 ·72	10
20	Mon. 13	9 ·26	3 ·37	8	19	Wed. 11	8 ·18	7 ·84	7	21	Wed. 13	12 ·24	15 ·82	11
21	Tues. 14	10 ·16	4 ·31	9	20	Thur. 12	9 ·12	8 ·82	8	22	Thur. 14	13 ·33	16 ·92	12
22	Wed. 15	11 ·08	5 ·25	10	21	Fri. 13	10 ·08	9 ·83	9	23	Fri. 15	14 ·41	... ...	13
23	Thur. 16	12 ·00 / 13 ·95	6 ·22	11	22	Sat. 14	11 ·06	10 ·84	10	24	Sat. 16	**P** ·49	17 ·03	14
24	Fri. 17	14 ·90	7 ·19	12	23	Sun. 15	12 ·04	11 ·88	11	25	Sun. 17	1 ·56	18 ·14	15
25	Sat. 18	**P** ·88	8 ·17	13	24	Mon. 16	13 ·05	12 ·94	12	26	Mon. 18	2 ·62	19 ·23	16
26	Sun. 19	1 ·87	9 ·18	14	25	Tues. 17	14 ·09	... ..	13	27	Tues. 19	3 ·66	20 ·30	17
27	Mon. 20	2 ·89	10 ·20	15	26	Wed. 18	**P** ·14	13 ·02	14	28	Wed. 20	4 ·67	21 ·35	18
28	Tues. 21	3 ·93	11 ·26	16	27	Thur. 19	1 ·22	14 ·12	15	29	Thur. 21	5 ·66	22 ·38	19
—29	Wed 22	4 ·99	12 ·33	17	28	Fri. 20	2 ·30	15 ·22	16	30	Fri. 22	6 ·64	23 ·40	20
1	Thur. 23	... ...	13 ·41	18	29	Sat. 21	3 ·38	16 ·33	17	—31	Sat. 23	7 ·61	24 ·39	21
2	Fri. 24	5 ·06	14 ·51	19	—30	Sun. 22	4 ·46	17 ·43	18	1	Sun. 24	8 ·55	25 ·36	22
3	Sat. 25	6 ·14	15 ·61	20	1	Mon. 23	5 ·54	18 ·53	19	2	Mon. 25	9 ·47	26 ·32	23
4	Sun. 26	7 ·22	16 ·73	21	2	Tues. 24	6 ·60	19 ·62	20	3	Tues. 26	10 ·38	27 ·27	24
5	Mon. 27	8 ·31	17 ·83	22	3	Wed. 25	7 ·65	20 ·68	21	4	Wed. 27	11 ·28	1 ·22	25
6	Tues. 28	9 ·39	18 ·92	23	4	Thur. 26	8 ·66	21 ·72	22	5	Thur. 28	12 ·18	2 ·15	26
7	Wed. 29	10 ·48	19 ·99	24	5	Fri. 27	9 ·66	22 ·74	23	6	Fri. 29	13 ·08 / 14 ·98	3 ·08	27
8	Thur. 30	11 ·50	... ...	25	6	Sat. 28	10 ·65	23 ·74	24					
9	Fri. 31	12 ·52	20 ·05	26	7	Sun. 29	11 ·61	24 ·73	25	7	Sat. 30	—**A** ·88	4 ·01 / 5 ·94	28
					8	Mon. 30	12 ·56	25 ·70	26					
					9	Tues. 31	13 ·48	26 ·65	27	8	Sun. 31	1 ·79	6 ·89	29
	Feb.					**April.**					**June.**			
10	Sat. 1	13 ·52	21 ·09	27	10	Wed. 1	14 ·39	27 ·60	28	9	Mon. 1	2 ·71	7 ·85	—30
11	Sun. 2	14 ·50	22 ·10	28	11	Thur. 2	—**A** ·30	1 ·53	29	10	Tues. 2	3 ·63	8 ·81	1
12	Mon. 3	—**A** ·47	23 ·09	29	12	Fri. 3	1 ·20	2 ·46	—30	11	Wed. 3	4 ·59	9 ·80	2
13	Tues. 4	1 ·41	24 ·07	—30	13	Sat. 4	2 ·10	3 ·40	1	12	Thur. 4	5 ·56	10 ·80	3
14	Wed. 5	2 ·34	25 ·04 / 26 ·98	1	14	Sun. 5	3 ·00 / 4 ·90	4 ·33	2	13	Fri. 5	6 ·55	11 ·82	4
15	Thur. 6	3 ·26	27 ·92	2	15	Mon. 6	5 ·81	5 ·27	3	14	Sat. 6	7 ·55	12 ·87	5
16	Fri. 7	4 ·17	1 ·85	3	16	Tues. 7	6 ·73	6 ·21	4	15	Sun. 7	8 ·59	13 ·94	6
17	Sat. 8	5 ·07 / 6 ·97	2 ·78	4	17	Wed. 8	7 ·65	7 ·17	5	16	Mon. 8	9 ·64	. ...	7
18	Sun. 9	7 ·87	3 ·71	5	18	Thur. 9	8 ·61	8 ·16	6	17	Tues. 9	10 ·71	14 ·02	8
19	Mon. 10	8 ·77	4 ·65	6	19	Fri. 10	9 ·59	9 ·15	7	18	Wed. 10	11 ·79	15 ·11	9
20	Tues. 11	9 ·69	5 ·60	7	20	Sat. 11	10 ·57	10 ·16	8	19	Thur. 11	12 ·87	16 ·22	10
21	Wed. 12	10 ·61	6 ·55	8	21	Sun. 12	11 ·59	11 ·19	9	20	Fri. 12	13 ·95	17 ·34	11
22	Thur. 13	11 ·55	7 ·51	9	22	Mon. 13	12 ·62	12 ·25	10	21	Sat. 13	..	18 ·44	12
23	Fri. 14	12 ·51	8 ·50	10	23	Tues. 14	13 ·68	13 ·33	11	22	Sun. 14	14 ·02	19 ·53	13
24	Sat. 15	13 ·49	9 ·50	11	24	Wed. 15	14 ·74	14 ·42	12	23	Mon.○ 15	**P** ·09	20 ·60	14
25	Sun. 16	14 ·47	10 ·53	12	25	Thur. 16	**P** ·82	15 ·52	13	24	Tues. 16	1 ·14	21 ·66	15
26	Mon. 17	**P** ·48	11 ·57	13	26	Fri. 17	1 ·91	16 ·62	14	25	Wed. 17	2 ·15	22 ·71	16
27	Tues. 18	1 ·53	12 ·63	14	27	Sat. 18	... ...	17 ·73	15	26	Thur. 18	3 ·14	23 ·72	17
28	Wed. 19	2 ·58	13 ·71	15	28	Sun. 19	2 ·00	18 ·83	16	27	Fri. 19	4 ·12	24 ·72	18
29	Thur. 20	3 ·66	14 ·81	16	29	Mon. 20	3 ·07	19 ·92	17	28	Sat. 20	5 ·07	25 ·69	19
—30	Fri. 21	4 ·74	15 ·92	17	30	Tues. 21	4 ·12	20 ·99	18	29	Sun. 21	6 ·01 / 7 ·95	26 ·66	20
1	Sat. 22	5 ·84	... ...	18	—31	Wed. 22	5 ·17	.. ...	19	30	Mon. 22	8 ·85	27 ·61	21
2	Sun. 23	6 ·92	16 ·03	19	1	Thur. 23	6 ·18	21 ·04	20	31	Tues. 23	9 ·75	1 ·55	22
3	Mon. 24	7 ·99	17 ·13	20	2	Fri. 24	7 ·19	22 ·06	21	—32	Wed. 24	10 ·65	2 ·49	23
4	Tues. 25	... ...	18 ·22	21	3	Sat. 25	8 ·17	23 ·07	22	1	Thur. 25	11 ·55	3 ·41	24
5	Wed. 26	8 ·05	19 ·30	22	4	Sun. 26	9 ·12	24 ·06	23	2	Fri. 26	12 ·45	4 ·34	25
6	Thur. 27	9 ·10	20 ·37	23	5	Mon. 27	10 ·07 / 11 ·99	25 ·03 / 26 ·99	24	3	Sat. 27	13 ·36	5 ·28	26
7	Fri. 28	10 ·12	21 ·41	24	6	Tues. 28	12 ·91	27 ·93	25	4	Sun. 28	14 ·27	6 ·23	27
8	Sat. 29	11 ·11	22 ·42	25	7	Wed. 29	13 ·81	1 ·87	26	5	Mon. 29	—**A** ·18	7 ·18	28
					8	Thur. 30	14 ·71	2 ·81	27	6	Tues. 30	1 ·12	8 ·14	—29

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1052. **Kollam 228,** { **N. Malabar—Aug.** **Hijra 444.** **Vikrama 1109.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 3.** **Bengal San. 458.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
7	Wed.	1	2 ·07	9 ·12	1	6	Tues.	1	*Sukla.* 5 ·29	16 ·12	4	7	Sun.	1	*Sukla.* 7 ·89	22 ·28	6
8	Thur.	2	3 ·04	10 ·12	2	7	Wed.	2	6 ·38	17 ·23	5	8	Mon.	2	8 ·90	23 ·32	7
9	Fri.	3	4 ·02	11 ·15	3	8	Thur.	3	7 ·46	18 ·34	6	9	Tues.	3	9 ·88	24 ·34	8
10	Sat.	4	5 ·03	12 ·18	4	9	Fri.	4	8 ·54	19 ·44	7	10	Wed.	4	10 ·85	25 ·34	9
11	Sun.	5	6 ·07	13 ·24	5	10	Sat.	5	9 ·61	20 ·53	8	11	Thur.	5	11 ·79	26 ·32	10
12	Mon.	6	7 ·11	14 ·32	6	11	Sun.	6	10 ·66	21 ·60	9	12	Fri.	6	12 ·73	27 ·28	11
13	Tues.	7	8 ·18	15 ·41	7	12	Mon.	7	11 ·68	22 ·65	10	13	Sat.	7	13 ·65	1 ·24	12
14	Wed.	8	9 ·26	16 ·53	8	13	Tues.	8	12 ·69	23 ·68	11	14	Sun.	8	14 ·56	2 ·18	13
15	Thur.	9	10 ·35	17 ·63	9	14	Wed.	9	13 ·67	24 ·69	12	15	Mon.	9	*Kārttika.* ℙ ·47	3 ·12	14
16	Fri.	10	11 ·43	18 ·74	10	15	Thur.	10	14 ·64	25 ·69	13	16	Tues.	10	1 ·37	4 ·05	15
17	Sat.	11	12 ·49	19 ·83	11	16	Fri.	11	*Adhika Āśvina.* ℙ ·58	26 ·66	14					5 ·98	
18	Sun.	12	3 ·55	20 ·91	12	17	Sat.	12	1 ·51	27 ·62	15	17	Wed.	11	2 ·27	6 ·92	16
19	Mon.	13	14 ·60	21 ·98	13	18	Sun.	13	2 ·43	1 ·56	16	18	Thur.	12	3 ·17	7 ·86	17
20	Tues.	14	ℙ ·64	.. ..	14	19	Mon.	14	3 ·34	2 ·50	17	19	Fri.	13	4 ·09	8 ·81	18
21	Wed.	15	1 ·63	22 ·02	15	20	Tues.	15	4 ·25	3 ·44	18	20	Sat.	14	5 ·01	9 ·77	19
22	Thur.	16	2 ·61	23 ·04	16	21	Wed.	16	5 ·15	4 ·37	19				6 ·95		
23	Fri.	17	3 ·57	24 ·04	17	22	Thur.	17	*Bahula.* 6 ·05	5 ·30	20	21	Sun.	15	7 ·90	10 ·74	20
24	Sat.	18	4 ·51	25 ·02	18				7 ·95			22	Mon.	16	8 ·88	11 ·74	21
25	Sun.	19	*Bahula.* 5 ·45	26 ·00	19	23	Fri.	18	8 ·86	6 ·23	21	23	Tues.	17	9 ·87	12 ·76	22
				27 ·95		24	Sat.	19	9 ·79	7 ·18	22	24	Wed.	18	10 ·89	13 ·80	23
26	Mon.	20	6 ·36	1 ·89	20	25	Sun.	20	*Bahula.* 10 ·72	8 ·14	23	25	Thur.	19	*Māgha.* 11 ·94	14 ·85	24
27	Tues.	21	7 ·27	2 ·82	21	26	Mon.	21	11 ·68	9 ·11	24	26	Fri.	20	12 ·99	15 ·93	25
28	Wed.	22	8 ·17	3 ·75	22	27	Tues.	22	12 ·64	10 ·09	25	27	Sat.	21	.. ..	.. ...	26
			9 ·07			28	Wed.	23	13 ·62	11 ·10	26	28	Sun.	22	13 ·06	16 ·02	27
29	Thur.	23	10 ·97	4 ·68	23	29	Thur.	24	14 ·64	12 ·12	27	29	Mon.	23	14 ·14	17 ·13	28
30	Fri.	24	11 ·87	5 ·62	24	30	Fri.	25	A ·67	13 ·18	28	1	Tues.	24	A ·23	18 ·24	29
31	Sat.	25	12 ·77	6 ·56	25	1	Sat.	26	1 ·73	14 ·25	29	2	Wed.	25	1 ·32	19 ·34	30
32	Sun.	26	13 ·69	7 ·51	26	2	Sun.	27	2 ·79	15 ·33	30	3	Thur.	26	2 ·40	20 ·44	1
1	Mon.	27	14 ·63	8 ·47	27	3	Mon.	28	3 ·87	16 ·42	1	4	Fri.	27	3 ·47	21 ·52	2
2	Tues.	28	A ·57	9 ·45	28	4	Tues.	29	4 ·96	17 ·53	2	5	Sat.	28	*Sukla.* 4 ·51	22 ·60	3
3	Wed.	29	1 ·54	10 ·45	29	5	Wed.	30	.. ...	18 ·63	3	6	Sun.	29	5 ·54	23 ·64	4
4	Thur.	30	2 ·5	11 ·46	30							7	Mon.	30	6 ·53	24 ·66	5
5	Fri.	31	3 ·53	12 ·50	1												
		Aug.						**Oct.**						**Dec.**			
6	Sat.	1	*Sukla.* 4 ·57	13 ·55	2	6	Thur.	1	*Sukla.* 5 ·05	19 ·74	4	8	Tues.	1	7 ·53	25 ·66	6
7	Sun.	2	5 ·61	14 ·62	3	7	Fri.	2	6 ·13	20 ·83	5	9	Wed.	2	8 ·49	26 ·65	7
8	Mon.	3	6 ·69	15 ·72	4	8	Sat.	3	7 ·19	21 ·91	6	10	Thur.	3	9 ·43	27 ·63	8
9	Tues.	4	7 ·77	16 ·83	5	9	Sun.	4	8 ·24	22 ·96	7	11	Fri.	4	10 ·37	1 ·58	9
10	Wed.	5	8 ·85	17 ·93	6	10	Mon.	5	9 ·28	... ...	8	12	Sat.	5	11 ·29	2 ·52	10
11	Thur.	6	9 ·93	.. ...	7	11	Tues.	6	10 ·28	23 ·00	9	13	Sun.	6	12 ·20	3 ·46	11
12	Fri.	7	.. ..	18 ·04	8	12	Wed.	7	11 ·26	24 ·02	10	14	Mon.	7	13 ·10	4 ·38	12
13	Sat.	8	*Bhādrapada.* 10 ·01	19 ·13	9				*Āśvina.*	25 ·01					14 ·00		
14	Sun.	9	11 ·07	20 ·23	10	13	Thur.	8	12 ·23	26 ·99	11	15	Tues.	8	ℙ ·90	5 ·31	13
15	Mon.	10	12 ·11	21 ·29	11	14	Fri.	9	13 ·17	27 ·95	12	16	Wed.	9	1 ·81	6 ·26	14
16	Tues.	11	13 ·15	22 ·34	12	15	Sat.	10	14 ·10	1 ·90	13	17	Thur.	10	2 ·73	7 ·19	15
17	Wed.	12	14 ·14	23 ·36	13				ℙ ·03			18	Fri.	11	3 ·65	8 ·14	16
18	Thur.	13	ℙ ·12	24 ·37	14	16	Sun.	11	1 ·93	2 ·85	14	19	Sat.	12	4 ·60	9 ·10	17
19	Fri.	14	1 ·09	25 ·35	15	17	Mon.	12	*Nija* 2 ·83	3 ·78	15	20	Sun.	13	5 ·55	10 ·07	18
			2 ·03			18	Tues.	13	3 ·73	4 ·70	16	21	Mon.	14	6 ·53	11 ·07	19
20	Sat.	15	3 ·93	26 ·33	16	19	Wed.	14	4 ·64	5 ·64	17	22	Tues.	15	7 ·53	12 ·08	20
21	Sun.	16	4 ·87	27 ·28	17	20	Thur.	15	5 ·55	6 ·57	18	23	Wed.	16	8 ·54	13 ·11	21
22	Mon.	17	5 ·78	1 ·23	18	21	Fri.	16	6 ·47	7 ·52	19	24	Thur.	17	9 ·58	14 ·16	22
23	Tues.	18	6 ·69	2 ·16	19	22	Sat.	17	7 ·39	8 ·47	20	25	Fri.	18	*Bahula.* 10 ·64	15 ·23	23
24	Wed.	19	7 ·59	3 ·09	20	23	Sun.	18	8 ·32	9 ·44	21	26	Sat.	19	11 ·71	16 ·33	24
			Bahula.	4 ·03		24	Mon.	19	9 ·27	10 ·42	22	27	Sun.	20	12 ·79	17 ·43	25
25	Thur.	20	8 ·49	5 ·96	21	25	Tues.	20	10 ·25	11 ·42	23	28	Mon.	21	13 ·88	18 ·54	26
26	Fri.	21	9 ·39	6 ·90	22	26	Wed.	21	11 ·24	12 ·43	24	29	Tues.	22	14 ·97	19 ·64	27
27	Sat.	22	10 ·30	7 ·84	23	27	Thur.	22	*Bahula.* 12 ·25	13 ·49	25	30	Wed.	23	.. ...	20 ·74	28
28	Sun.	23	11 ·23	8 ·80	24	28	Fri.	23	13 ·29	14 ·55	26						
29	Mon.	24	12 ·16	9 ·78	25	29	Sat.	24	14 ·35	15 ·63	27	1	Thur.	24	A ·05	21 ·84	29
30	Tues.	25	13 ·10	10 ·77	26	30	Sun.	25	A ·41	16 ·72	28	2	Fri.	25	1 ·11	22 ·90	1
31	Wed.	26	14 ·07	11 ·78	27	1	Mon.	26	1 ·49	17 ·82	29	3	Sat.	26	2 ·16	23 ·95	2
1	Thur.	27	A ·05	12 ·81	28	2	Tues	27	2 ·58	18 ·94	1	4	Sun.	27	3 ·19	24 ·98	3
2	Fri.	28	1 ·07	13 ·86	29	3	Wed.	28	3 ·67	... ...	2	5	Mon.	28	4 ·18	25 ·99	4
3	Sat.	29	2 ·10	14 ·94	1	4	Thur.	29	4 ·75	19 ·04	3	6	Tues.	29	5 ·17	26 ·99	5
4	Sun.	30	3 ·15	... ...	2	5	Fri.	30	5 ·82	20 ·14	4	7	Wed.	30	*Sukla.* 6 ·13	27 ·96	6
5	Mon.	31	4 ·21	15 ·02	3	6	Sat.	31	6 ·86	21 ·22	5	8	Thur.	31	7 ·09	1 ·91	7

Nandana. **Śimha—Āvani.** *Nandana.* **Karkataka—Ādi.** *Nandana.* **Kanyā—Purattāsi.** *Nandana.* **Tulā—Aippasi.** *Nandana.* **Vriśchika—Kārttigai.** *Nandana.* **Dhanus—Mārgali.** *Nandana.* **Makara—Tai.**

H. 444 Rabi-ul ākhir. *H. 444 Jamādal awwal.* *H. 444 Jamādal ākhir.* *H. 444 Rajab.* *H. 444 Sha'bān.*

18. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1053. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·45.** **Śaka 975.** **Kaliyuga 4154.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·41.** **(S. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Fri.	1	8 ·01 9 ·93	2 ·86	8	9	Mon.	1	9 ·75	6 ·27	8	9	Sat.	1	11 ·42	13 ·70	9
10	Sat.	2	10 ·83	3 ·79	9	10	Tues.	2	10 ·66	7 ·20	9	10	Sun.	2	12 ·41	14 ·73	10
11	Sun.	3	11 ·73	4 ·72	10	11	Wed.	3	11 ·57	8 ·15	10	11	Mon.	3	13 ·42	15 ·78	11
12	Mon.	4	12 ·63	5 ·65	11	12	Thur.	4	12 ·48	9 ·10	11	12	Tues.	4	14 ·46	16 ·84	12
13	Tues.	5	13 ·54	6 ·59	12	13	Fri.	5	13 ·42	10 ·06	12	13	Wed.	5	P ·50	17 ·94	13
14	Wed.	6	14 ·45	7 ·53	13	14	Sat.	6	14 ·3[illegible]	11 ·04	13	14	Thur.	6	1 ·58	... ...	14
15	Thur.	7	P ·36	8 ·47	14	15	Sun.	7	P ·36	12 ·04	14	15	Fri.	7	2 ·68	18 ·04	15
16	Fri.	8	1 ·29	9 ·43	15	16	Mon.	8	1 ·36	13 ·06	15	16	Sat.	8	3 ·75	19 ·14	16
17	Sat.	9	2 ·23	10 ·41	16	17	Tues.	9	2 ·38	14 ·10	16	17	Sun.	9	4 ·82	20 ·25	17
18	Sun.	10	3 ·19	11 ·39	17	18	Wed.	10	3 ·41	15 ·16	17	18	Mon.	10	5 ·89	21 ·35	18
19	Mon.	11	4 ·17	12 ·40	18	19	Thur.	11	4 ·47	16 ·24	18	19	Tues.	11	6 ·95	22 ·45	19
20	Tues.	12	5 ·16	13 ·42	19	20	Fri.	12	5 ·55	17 ·33	19	20	Wed.	12	7 ·98	23 ·52	20
21	Wed.	13	6 ·18	14 ·47	20	21	Sat.	13	6 ·63	18 ·43	20	21	Thur.	13	... ...	24 ·57	21
22	Thur.	14	7 ·23	15 ·55	21	22	Sun.	14	7 ·72	19 ·55	21	22	Fri.	14	8 ·01	25 ·60	22
23	Fri.	15	8 ·29	16 ·63	22	23	Mon.	15	8 ·80	20 ·65	22	23	Sat.	15	9 ·00 10 ·98	26 ·61	23
24	Sat.	16	9 ·36	17 ·73	23	24	Tues.	16	9 ·88	21 ·75	23				11 ·93	27 ·61	
25	Sun.	17	10 ·44	18 ·84	24	25	Wed.	17	10 ·92	22 ·83	24	24	Sun.	16	12 ·88	1 ·58	24
26	Mon.	18	11 ·52	19 ·94	25	26	Thur.	18	11 ·96	23 ·89	25	25	Mon.	17	13 ·80	2 ·54	25
27	Tues.	19	12 ·61	... ...	26	27	Fri.	19	12 ·97	24 ·94	26	26	Tues.	18	14 ·71	3 ·49	26
28	Wed.	20	13 ·69	20 ·05	27	28	Sat.	20	13 ·97	25 ·96	27	27	Wed.	19	A ·62	4 ·42	27
29	Thur.	21	14 ·75	21 ·14	28	29	Sun.	21	14 ·95	26 ·96	28	28	Thur.	20	1 ·52	5 ·36	28
1	Fri.	22	A ·80	22 ·21	29	30	Mon.	22	A ·91	27 ·95	29	29	Fri.	21	2 ·41	6 ·30	29
2	Sat.	23	1 ·82	23 ·27	30	1	Tues.	23	1 ·85	1 ·91	30	30	Sat.	22	3 ·31	7 ·22	30
3	Sun.	24	2 ·81	24 ·30	1	2	Wed.	24	2 ·78	2 ·87	1	31	Sun.	23	4 ·21	8 ·16	1
4	Mon.	25	3 ·80	25 ·31	2	3	Thur.	25	3 ·70	3 ·81	2	32	Mon.	24	5 ·12	9 ·10	2
5	Tues.	26	4 ·75	26 ·31	3	4	Fri.	26	4 ·60	4 ·75	3	1	Tues.	25	6 ·03	10 ·05	3
6	Wed.	27	5 ·69	27 ·29	4	5	Sat.	27	5 ·50	5 ·68	4	2	Wed.	26	7 ·98		4
7	Thur.	28	6 ·62	1 ·25	5	6	Sun.	28	6 ·40	6 ·61	5	3	Thur.	27	8 ·93	11 ·03	5
8	Fri.	29	7 ·55	2 ·19	6	7	Mon.	29	7 ·30	7 ·55	6	4	Fri.	28	9 ·91	12 ·02	6
9	Sat.	30	8 ·45	3 ·13	7	8	Tues.	30	8 ·21	8 ·49	7	5	Sat.	29	10 ·89	13 ·02	7
10	Sun.	31	9 ·35	4 ·07	8	9	Wed.	31	9 ·12	9 ·43	8	6	Sun.	30	11 ·91	14 ·01	8
												7	Mon.	31	12 ·94	15 ·08	9
		Feb.						**April.**						**June.**			
11	Mon.	1	10 ·25	5 ·00 6 ·93	9	10	Thur.	1	10 ·04 11 ·98	10 ·39	9	8	Tues.	1	13 ·98	16 ·16	10
12	Tues.	2	11 ·15	7 ·87	10	11	Fri.	2	12 ·93	11 ·37	10	9	Wed.	2	... ...	17 ·24	11
13	Wed.	3	12 ·06 13 ·98	8 ·81	11	12	Sat.	3	13 ·90	12 ·37	11	10	Thur.	3	14 ·06	18 ·34	12
14	Thur.	4	14 ·90	9 ·77	12	13	Sun.	4	14 ·90	13 ·38	12	11	Fri ○	4	P ·14	19 ·44	13
15	Fri.	5	P ·83	10 ·73	13	14	Mon.	5	P ·91	14 ·41	13	12	Sat.	5	1 ·22	20 ·55	14
16	Sat.	6	1 ·80	11 ·72	14	15	Tues.	6	1 ·95	15 ·47	14	13	Sun.	6	2 ·30	21 ·66	15
17	Sun.	7	2 ·78	12 ·72	15	16	Wed.	7	... ...	16 ·54	15	14	Mon.	7	3 ·38	22 ·75	16
18	Mon.	8	3 ·76	13 ·74	16	17	Thur.	8	2 ·00	17 ·63	16	15	Tues.	8	4 ·43	23 ·83	17
19	Tues.	9	4 ·80	14 ·79	17	18	Fri.	9	3 ·07	18 ·73	17	16	Wed.	9	5 ·47	24 ·88	18
20	Wed.	10	5 ·84	15 ·85	18	19	Sat.	10	4 ·15	19 ·84	18	17	Thur.	10	6 ·49	25 ·92	19
21	Thur.	11	6 ·90	16 ·93	19	20	Sun.	11	5 ·23	20 ·95	19	18	Fri.	11	7 ·48	26 ·93	20
22	Fri.	12	7 ·98	... ...	20	21	Mon.	12	6 ·32	... ...	20	19	Sat.	12	8 ·46	27 ·94	21
23	Sat.	13	... ...	17 ·03	21	22	Tues.	13	7 ·39	21 ·05	21	20	Sun.	13	9 ·41	1 ·91	22
24	Sun.	14	8 ·06	18 ·13	22	23	Wed.	14	8 ·45	22 ·13	22	21	Mon.	14	10 ·36	2 ·87	23
25	Mon.	15	9 ·14	19 ·25	23	24	Thur.	15	9 ·49	23 ·21	23	22	Tues.	15	11 ·28	3 ·82	24
26	Tues.	16	10 ·22	20 ·35	24	25	Fri.	16	10 ·51	24 ·26	24	23	Wed.	16	12 ·19	4 ·76	25
27	Wed.	17	11 ·30	21 ·44	25	26	Sat.	17	11 ·50	25 ·28	25	24	Thur.	17	13 ·09 14 ·98	5 ·70	26
28	Thur.	18	12 ·35	22 ·52	26	27	Sun.	18	12 ·48	26 ·29	26	25	Fri.	18	A ·88	6 ·63	27
29	Fri.	19	13 ·40	23 ·58	27	28	Mon	19	13 ·44	27 ·27	27	26	Sat.	19	1 ·78	7 ·56	28
30	Sat.	20	14 ·41	24 ·62	28	29	Tues.	20	14 ·38	1 ·25	28	27	Sun.	20	2 ·68	8 ·50	29
1	Sun.	21	A ·41	25 ·64	29	30	Wed.	21	A ·30	2 ·21	29	28	Mon.	21	3 ·59	9 ·44	1
2	Mon.	22	1 ·39	26 ·64	1	31	Thur.	22	1 ·21	3 ·15	30	29	Tues.	22	4 ·52	10 ·40	2
3	Tues.	23	2 ·34	27 ·62	2	1	Fri.	23	2 ·12	4 ·09	1	30	Wed.	23	5 ·46	11 ·33	3
4	Wed.	24	3 ·29	1 ·58	3	2	Sat.	24	3 ·02 4 ·92	5 ·02 6 ·95	2	31	Thur.	24	6 ·41	12 ·24	4
5	Thur.	25	4 ·21	2 ·53	4	3	Sun.	25	5 ·82	7 ·89	3	1	Fri.	25	7 ·38	13 ·34	5
6	Fri.	26	5 ·13	3 ·48	5	4	Mon.	26	6 ·72	8 ·82	4	2	Sat.	26	8 ·37	14 ·36	6
7	Sat.	27	6 ·04 7 ·94	4 ·41	6	5	Tues.	27	7 ·63	9 ·77	5	3	Sun.	27	9 ·39	15 ·40	7
8	Sun.	28	8 ·84	5 ·34	7	6	Wed.	28	8 ·55	10 ·72	6	4	Mon.	28	10 ·41	16 ·46	8
						7	Thur.	29	9 ·49	11 ·69	7	5	Tues.	29	11 ·47	17 ·54	9
						8	Fri.	30	10 ·44	12 ·69	8	6	Wed.	30	12 ·54	18 ·64	10

Naksh:—1. Aśvin 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1053. **Kollam 229,** { **N. Malabar—Aug.** **Hijra 445.** **Vikrama 1110.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Apr. 23.** **Bengal San. 459.**
P—Paurnimā. **(N. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Thur.	1	13 ·62	19 ·74	11				P ·00						3 ·81	5 ·39	16
8	Fri.	2	14 ·70	20 ·85	12	6	Wed.	1	1 ·99	26 ·90	14	7	Mon.	1	4 ·71	6 ·34	17
9	Sat.	3	P ·78	21 ·96	13	7	Thur.	2	2 ·97	27 ·91	15	8	Tues.	2	5 ·61	7 ·27	18
10	Sun.	4	1 ·86	... ...	14	8	Fri.	3	3 ·93	1 ·90	16	9	Wed.	3	6 ·52	8 ·20	19
11	Mon.	5	2 ·91	22 ·05	15	9	Sat.	4	4 ·87	2 ·88	17	10	Thur.	4	7 ·43	9 ·13	20
12	Tues.	6	3 ·95	23 ·13	16	10	Sun.	5	5 ·80	3 ·84	18	11	Fri.	5	8 ·34	10 ·07	21
13	Wed.	7	4 ·97	24 ·19	17	11	Mon.	6	6 ·71	4 ·78	19	12	Sat.	6	9 ·27	11 ·02 / 12 ·99	22
14	Thur.	8	5 ·97	25 ·23	18	12	Tues.	7	7 ·63	5 ·72	20	13	Sun.	7	10 ·20	13 ·96	23
15	Fri.	9	6 ·94	26 ·26	19	13	Wed.	8	8 ·53	6 ·65	21	14	Mon.	8	11 ·17	14 ·96	24
16	Sat.	10	7 ·89	27 ·26	20	14	Thur.	9	9 ·43	7 ·59	22	15	Tues.	9	12 ·15	15 ·97	25
17	Sun.	11	8 ·84	1 ·24	21	15	Fri.	10	10 ·33	8 ·52	23	16	Wed.	10	13 ·15	.. ...	26
18	Mon.	12	9 ·76	2 ·21	22	16	Sat.	11	11 ·22	9 ·45	24	17	Thur.	11	14 ·17	16 ·02	27
19	Tues.	13	10 ·67	3 ·16	23	17	Sun.	12	12 ·14	10 ·40	25	18	Fri.	12	15 ·17	17 ·08	28
20	Wed.	14	11 ·58	4 ·11	24	18	Mon.	13	13 ·06	11 ·35	26	19	Sat. ●	13	—A ·20	18 ·15	29
				5 ·04					14 ·01			20	Sun.	14	1 ·27	19 ·24	—30
21	Thur.	15	12 ·48	6 ·97	25	19	Tues.	14	A ·96	12 ·32	27	21	Mon.	15	2 ·34	20 ·34	1
22	Fri.	16	13 ·37	7 ·90	26	20	Wed.	15	1 ·94	13 ·31	28	22	Tues.	16	3 ·42	21 ·46	2
23	Sat.	17	14 ·27	8 ·83	27	21	Thur.	16	2 ·93	14 ·32	29	23	Wed.	17	4 ·51	22 ·56	3
24	Sun.	18	—A ·17	9 ·78	28	22	Fri.	17	3 ·94	15 ·34	—30	24	Thur.	18	5 ·60	23 ·66	4
25	Mon.	19	1 ·08	10 ·73	29	23	Sat.	18	4 ·99	16 ·39	1	25	Fri.	19	6 ·68	24 ·74	5
26	Tues.	20	2 ·01 / 3 ·94	11 ·69	—30	24	Sun.	19	... ...	17 ·45	2	26	Sat.	20	7 ·74	25 ·81	6
						25	Mon.	20	5 ·04	18 ·55	3	27	Sun.	21	8 ·78	26 ·85	7
27	Wed.	21	4 ·90	12 ·67	1	26	Tues.	21	6 ·12	19 ·64	4	28	Mon.	22	9 ·81	27 ·88	8
28	Thur.	22	5 ·87	13 ·66	2	27	Wed.	22	7 ·20	20 ·75	5	29	Tues.	23	10 ·81	1 ·88	9
29	Fri.	23	6 ·87	14 ·63	3	28	Thur.	23	8 ·29	21 ·85	6	—30	Wed.	24	11 ·79	2 ·87	10
30	Sat.	24	7 ·87	15 ·72	4	29	Fri.	24	9 ·37	22 ·96	7	1	Thur.	25	12 ·75	3 ·87	11
31	Sun.	25	8 ·90	16 ·77	5	—30	Sat.	25	10 ·44	.. ...	8	2	Fri.	26	13 ·70	4 ·84	12
—32	Mon.	26	9 ·95	17 ·84	6	1	Sun.	26	11 ·51	23 ·06	9	3	Sat.	27	14 ·63	5 ·79	13
1	Tues.	27	... ...	18 ·94	7	2	Mon.	27	12 ·54	24 ·13	10	4	Sun. ○	28	P ·55	6 ·74	14
2	Wed.	28	10 ·03	... ...	8	3	Tues.	28	13 ·57	25 ·18	11	5	Mon.	29	1 ·45	7 ·67	15
3	Thur.	29	11 ·11	19 ·04	9	4	Wed.	29	14 ·53	26 ·22	12	6	Tues.	30	2 ·35	8 ·60	16
4	Fri.	30	12 ·19	20 ·15	10	5	Thur.	30	P ·55	27 ·23	13						
5	Sat.	31	13 ·28	21 ·26	11												
	Aug.						**Oct.**						**Dec.**				
6	Sun.	1	14 ·35	22 ·35	12	6	Fri.	1	1 ·50	1 ·23	14	7	Wed.	1	3 ·23	8 ·53	16
7	Mon.	2	P ·40	23 ·44	13	7	Sat.	2	2 ·45	2 ·21	15	8	Thur.	2	4 ·16	9 ·46	17
8	Tues.	3	1 ·45	24 ·50	14	8	Sun.	3	3 ·38	3 ·17	16	9	Fri.	3	5 ·07 / 6 ·93	10 ·41	18
9	Wed.	4	2 ·46	25 ·56	15	9	Mon.	4	4 ·29	4 ·12	17						
10	Thur.	5	3 ·46	26 ·58	16	10	Tues.	5	5 ·20	5 ·06 / 6 ·99	18	10	Sat.	4	7 ·91	11 ·36	19
11	Fri.	6	4 ·44	27 ·59	17							11	Sun.	5	8 ·85	12 ·32	20
12	Sat.	7	5 ·41	1 ·57	18	11	Wed.	6	6 ·11	7 ·03	19	12	Mon.	6	9 ·82	13 ·29	21
13	Sun.	8	6 ·34	2 ·54	19	12	Thur.	7	7 ·01 / 8 ·91	8 ·86	20	13	Tues.	7	10 ·80	14 ·23	22
14	Mon.	9	7 ·26	3 ·50	20							14	Wed.	8	11 ·80	15 ·30	23
15	Tues.	10	8 ·17	4 ·45	21	13	Fri.	8	9 ·82	9 ·79	21	15	Thur.	9	12 ·81	16 ·33	24
16	Wed.	11	9 ·08 / 10 ·98	5 ·38	22	14	Sat.	9	10 ·73	10 ·73	22	16	Fri.	10	13 ·85	17 ·38	25
						15	Sun.	10	11 ·65	11 ·68	23	17	Sat.	11	14 ·91	18 ·45	26
17	Thur.	12	11 ·88	6 ·31	23	16	Mon.	11	12 ·60	12 ·66	24	18	Sun.	12	—A ·98	19 ·54	27
18	Fri.	13	12 ·78	7 ·24	24	17	Tues.	12	13 ·55	13 ·64	25	19	Mon.	13	... ...	20 ·65	28
19	Sat.	14	13 ·68	8 ·18	25	18	Wed.	13	14 ·53	14 ·64	26	20	Tues.	14	1 ·08	21 ·76	—29
20	Sun.	15	14 ·60	9 ·12	26	19	Thur.	14	—A ·53	15 ·66	27	21	Wed.	15	2 ·17	22 ·86	1
21	Mon.	16	—A ·52	10 ·06	27	20	Fri.	15	1 ·55	16 ·70	28	22	Thur.	16	3 ·25	23 ·96	2
				11 ·02		21	Sat.	16	2 ·58	17 ·77	—29	23	Fri.	17	4 ·32	... ...	3
22	Tues.	17	1 ·45	12 ·99	28	22	Sun.	17	3 ·64	18 ·85	1	24	Sat.	18	5 ·39	24 ·05	4
23	Wed.	18	2 ·41	13 ·99	—29	23	Mon.	18	4 ·71	19 ·94	2	25	Sun.	19	6 ·43	25 ·12	5
24	Thur.	19	3 ·38	.. ...	1	24	Tues.	19	5 ·79	.. ...	3	26	Mon.	20	7 ·45	26 ·17	6
25	Fri.	20	4 ·39	14 ·00	2	25	Wed.	20	6 ·88	20 ·05	4	27	Tues.	21	8 ·46	27 ·20	7
26	Sat.	21	5 ·40	15 ·03	3	26	Thur.	21	7 ·97	21 ·15	5	28	Wed.	22	9 ·44	1 ·21	8
27	Sun.	22	6 ·43	16 ·08	4	27	Fri.	22	... .	22 ·27	6	—29	Thur.	23	10 ·40	2 ·20	9
28	Mon.	23	7 ·48	17 ·15	5	28	Sat.	23	8 ·05	23 ·36	7	1	Fri.	24	11 ·35	3 ·17	10
29	Tues.	24	8 ·55	18 ·24	6	29	Sun.	24	9 ·10	24 ·44	8	2	Sat.	25	12 ·27	4 ·13	11
30	Wed.	25	9 ·63	19 ·34	7	—30	Mon.	25	10 ·14	25 ·50	9	3	Sun.	26	13 ·19	5 ·08	12
—31	Thur.	26	10 ·72	20 ·45	8	1	Tues.	26	11 ·18	26 ·53	10					6 ·01	
1	Fri.	27	11 ·81	21 ·56	9	2	Wed.	27	12 ·17	27 ·53	11	4	Mon.	27	14 ·10	7 ·94	13
2	Sat.	28	12 ·88	22 ·66	10	3	Thur.	28	13 ·16	1 ·56	12				P ·01		
3	Sun.	29	13 ·94	23 ·74	11	4	Fri.	29	14 ·12	2 ·54	13	5	Tues.	28	1 ·91	8 ·87	14
4	Mon.	30	14 ·98	24 ·82	12				P ·07			6	Wed.	29	2 ·81	9 ·81	15
5	Tues.	31	... ...	25 ·87	13	5	Sat.	30	1 ·99	3 ·50	14	7	Thur.	30	3 ·72	10 ·75	16
						6	Sun.	31	2 ·91	4 ·45	15	8	Fri.	31	4 ·64	11 ·69	17

Vijaya. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Śukla.* **Śrāvana.** *Bahula.* **Bhād.** *Śukla.* *H. 445 Rabī-ul awwal.* *H. 445 Jumādā l awwal.*

Vijaya. **Simha—Āvani.** *Bahula.* **Śrāvana.** *Śukla.* *H. 445 Rabī-ul ākhir.*

Vijaya. **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *H. 445 Jumādā l ākhir.*

Vijaya. **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *H. 445 Rajab.*

Vijaya. **Vṛśchika—Kārttigai.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśirsha.** *H. 445 Śha'bān.*

Vijaya. **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Pausha.** *H. 445 Ramazān.*

Vijaya. **Makara—Tai.** *Bahula.* **Pausha.** *Śukla.* *H. 445 Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1054. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·71.** **Śaka 976.** **Kaliyuga 4155.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·67.** **(S. Cycle) Jaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sat. 1	5 ·56	12 ·65	18	9	Tues. 1	**Phāl.** 5 ·66	16 ·27	18	8	Sun. 1	... ...	22 ·36	20
10	Sun. 2	6 ·49	13 ·62	19	10	Wed. 2	6 ·67	17 ·31	19	9	Mon. 2	7 ·07	23 ·47	21
11	Mon. 3	7 ·46	14 ·61	20	11	Thur. 3	7 ·72	18 ·38	20	10	Tues. 3	8 ·15	24 ·57	22
12	Tues. 4	8 ·44	15 ·62	21	12	Fri. 4	8 ·77	19 ·46	21	11	Wed. 4	9 ·23	25 ·66	23
13	Wed. 5	9 ·41	16 ·64	22	13	Sat. 5	9 ·85	20 ·55	22	12	Thur. 5	10 ·27	26 ·73	24
14	Thur. 6	10 ·45	17 ·69	23	14	Sun. 6	10 ·93	21 ·65	23	13	Fri. 6	11 ·31	27 ·79	25
15	Fri. 7	11 ·50	18 ·76	24	15	Mon. 7	.. .	22 ·76	24	14	Sat. 7	12 ·33	1 ·82	26
16	Sat. 8	12 ·56	19 ·84	25	16	Tues. 8	11 ·02	23 ·87	25	15	Sun. 8	13 ·33	2 ·83	27
17	Sun. 9	13 ·63	20 ·95	26	17	Wed. 9	12 ·10	24 ·97	26	16	Mon. 9	14 ·31	3 ·82	28
18	Mon. 10	14 ·71	... ..	27	18	Thur. 10	13 ·16	... ...	27	17	Tues. ●10	—**A** ·26	4 ·79	29
19	Tues. 11	—**A** ·80	21 ·06	28	19	Fri. 11	14 ·22	25 ·05	28	18	Wed. 11	1 ·19	5 ·76	—30
20	Wed. 12	1 ·88	22 ·16	29	20	Sat. 12	—**A** ·26	26 ·11	29	19	Thur. 12	2 ·12	6 ·71	1
21	Thur. 13	2 ·96	23 ·26	—30	21	Sun. 13	1 ·29	27 ·15	—30	20	Fri. 13	3 ·03 / 4 ·93	7 ·64	2
22	Fri. 14	... ..	24 ·35	1	22	Mon. 14	2 ·28	1 ·18	1	21	Sat. 14	5 ·83	8 ·58	3
23	Sat. 15	3 ·03	25 ·43	2	23	Tues. 15	3 ·27	2 ·18	2	22	Sun. 15	6 ·73	9 ·50	4
24	Sun. 16	4 ·07	26 ·49	3	24	Wed. 16	4 ·22	3 ·17	3	23	Mon. 16	7 ·63	10 ·44	5
25	Mon. 17	5 ·09	27 ·52	4	25	Thur. 17	5 ·17	4 ·13	4	24	Tues. 17	8 ·53	11 ·38	6
26	Tues. 18	6 ·09	1 ·53	5	26	Fri. 18	6 ·09	5 ·08	5	25	Wed. 18	9 ·44	12 ·32	7
27	Wed. 19	7 ·06	2 ·52	6	27	Sat. 19	7 ·00 / 8 ·91	6 ·03 / 7 ·97	6	26	Thur. 19	10 ·36	13 ·27	8
28	Thur. 20	8 ·03 / 9 ·98	3 ·51	7	28	Sun. 20	9 ·81	8 ·90	7	27	Fri. 20	11 ·29	14 ·24	9
29	Fri. 21	10 ·91	4 ·47	8	29	Mon. 21	10 ·70	9 ·83	8	28	Sat. 21	12 ·26	15 ·24	10
—30	Sat. 22	11 ·82	5 ·41	9	30	Tues. 22	11 ·60	10 ·76	9	29	Sun. 22	13 ·23	16 ·24	11
1	Sun. 23	12 ·73	6 ·35	10	—31	Wed. 23	12 ·51	11 ·70	10	30	Mon. 23	14 ·22	17 ·26	12
2	Mon. 24	13 ·64	7 ·28	11	1	Thur. 24	13 ·42	12 ·65	11	—31	Tues. 24	**P** ·23	18 ·30	13
3	Tues. 25	14 ·54	8 ·22	12	2	Fri. 25	14 ·35	13 ·61	12	1	Wed. 25	1 ·27	19 ·37	14
4	Wed. 26	**P** ·44	9 ·15	13	3	Sat. 26	**Chaitra.** **P** ·28	14 ·59	13	2	Thur. 26	2 ·32	20 ·46	15
5	Thur. 27	1 ·34	10 ·08	14	4	Sun. 27	1 ·24	15 ·58	14	3	Fri. 27	3 ·39	21 ·56	16
6	Fri. 28	2 ·26	11 ·03 / 12 ·98	15	5	Mon. 28	2 ·22	16 ·59	15	4	Sat. 28	4 ·48	22 ·66	17
7	Sat. 29	3 ·19	13 ·95	16	6	Tues. 29	3 ·21	17 ·63	16	5	Sun. 29	5 ·56	23 ·77	18
8	Sun. 30	4 ·13	14 ·94	17	7	Wed. 30	4 ·23	18 ·69	17	6	Mon. 30	6 ·64	24 ·87	19
9	Mon. 31	5 ·09	15 ·94	18	8	Thur. 31	5 ·27	19 ·76	18	7	Tues. 31	7 ·71	25 ·96	20
	Feb.					**April.**					**June.**			
10	Tues. 1	6 ·06	16 ·96	19	9	Fri. 1	6 ·83	20 ·85	19	8	Wed. 1	8 ·77	... ...	21
11	Wed. 2	7 ·05	... ...	20	10	Sat. 2	7 ·39	21 ·95	20	9	Thur. 2	9 ·80	26 ·05	22
12	Thur. 3	8 ·09	17 ·00	21	11	Sun. 3	8 ·47	.. ...	21	10	Fri. 3	10 ·81	27 ·10	23
13	Fri. 4	9 ·13	18 ·06	22	12	Mon. 4	9 ·56	22 ·07	22	11	Sat. 4	11 ·81	1 ·14	24
14	Sat. 5	10 ·18	19 ·15	23	13	Tues. 5	10 ·64	23 ·17	23	12	Sun. 5	12 ·78	2 ·15	25
15	Sun. 6	11 ·26	20 ·24	24	14	Wed. 6	11 ·71	24 ·27	24	13	Mon. 6	13 ·74	3 ·15	26
16	Mon. 7	12 ·34	21 ·35	25	15	Thur. 7	12 ·77	25 ·35	25	14	Tues. 7	14 ·68	4 ·13	27
17	Tues. 8	13 ·42	22 ·46	26	16	Fri. 8	13 ·81	26 ·42	26	15	Wed. 8	—**A** ·60	5 ·09	28
18	Wed. 9	14 ·5·	23 ·56	27	17	Sat. 9	14 ·83	27 ·48	27	16	Thur. 9	1 ·51	6 ·04 / 7 ·98	—29
19	Thur. 10	—**A** ·58	24 ·66	28	18	Sun. 10	—**A** ·81	1 ·50	28	17	Fri. 10	2 ·41	8 ·91	1
20	Fri. 11	1 ·65	25 ·74	—29	19	Mon. 11	1 ·79	2 ·51	—29	18	Sat. 11	3 ·31	9 ·85	2
21	Sat. 12	2 ·68	26 ·80	1	20	Tues. 12	2 ·75	3 ·49	1	19	Sun. 12	4 ·21	10 ·78	3
22	Sun. 13	3 ·71	27 ·84	2	21	Wed. 13	3 ·70	4 ·46	2	20	Mon. 13	5 ·11	11 ·72	4
23	Mon. 14	4 ·70	1 ·85	3	22	Thur. 14	4 ·62	5 ·42	3	21	Tues. 14	6 ·01 / 7 ·92	12 ·66	5
24	Tues. 15	5 ·69	2 ·86	4	23	Fri. 15	5 ·53	6 ·37	4	22	Wed. 15	8 ·84	13 ·61	6
25	Wed. 16	6 ·64	3 ·84	5	24	Sat. 16	6 ·43	7 ·31	5	23	Thur. 16	9 ·78	14 ·58	7
26	Thur. 17	7 ·59	4 ·80	6	25	Sun. 17	7 ·33	8 ·24	6	24	Fri. 17	10 ·73	15 ·56	8
27	Fri. 18	8 ·52	5 ·75	7	26	Mon. 18	8 ·23	9 ·17	7	25	Sat. 18	11 ·70	16 ·56	9
28	Sat. 19	9 ·43	6 ·69	8	27	Tues. 19	9 ·13	10 ·10	8	26	Sun. 19	12 ·70	17 ·58	10
29	Sun. 20	10 ·34	7 ·63	9	28	Wed. 20	10 ·04 / 11 ·95	11 ·04 / 12 ·99	9	27	Mon. 20	13 ·70	18 ·61	11
1	Mon. 21	11 ·24	8 ·56	10		Thur. 21	12 ·87	13 ·94	10	28	Tues. 21	14 ·75	19 ·67	12
2	Tues. 22	12 ·14	9 ·49	11	29					29	Wed. 22	**P** ·80	20 ·78	13
3	Wed. 23	13 ·01 / 14 ·94	10 ·42	12	30	Fri. 22	13 ·80	14 ·91	11	30	Thur. 23	1 ·88	21 ·86	14
4	Thur. 24	**P** ·86	11 ·36	13	—31	Sat. 23	14 ·76	15 ·90	12	31	Fri. 24	2 ·96	22 ·96	15
5	Fri. 25	1 ·78	12 ·31	14	1	Sun. 24	**Vaiśākha.** **P** ·74	16 ·92	13	—32	Sat. 25	... ...	... ...	16
6	Sat. 26	2 ·72	13 ·28	15	2	Mon. 25	1 ·72	17 ·95	14	1	Sun. 26	3 ·04	23 ·07	17
7	Sun. 27	3 ·68	14 ·26	16	3	Tues. 26	2 ·74	...	15	2	Mon. 27	4 ·12	24 ·17	18
8	Mon. 28	4 ·66	15 ·26	17	4	Wed. 27	3 ·78	18 ·00	16	3	Tues. 28	5 ·18	25 ·27	19
					5	Thur. 28	4 ·84	19 ·06	17	4	Wed. 29	6 ·24	26 ·35	20
					6	Fri. 29	5 ·90	20 ·15	18	5	Thur. 30	7 ·28	27 ·41	21
					7	Sat. 30	6 ·98	21 ·26	19					

Vijaya. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* *Vijaya.* **Kumbha—Māgh.** *Bahula.* **Phālguna.** *Sukla.* *Vijaya.* **Mīna—Paṅguni.** *Bahula.* **Chaitra.** *Sukla.* **Vaiśākha.** *Jaya.* **Mēsha—Chittirai.** *Bahula.* **Vaiśākha.** *Sukla.* *Jaya.* **Vṛishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Sukla.* *Jaya.* **Mithuna—Āni.** *Bahula.* **Āshādha.** *Sukla.*

H. 445 Ramazán. *H. 445 Shawwál.* *H. 445 Zi-l-ka'da.* *H. 445 Zi-l-hij.* *H. 446 Muharram.* *H. 446 Safar.* *H. 446 Rabi-ul awwal*

Nakeh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1054 — **Kollam 230,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** — **Hijra 446.** Commences **Apr. 12.** — **Vikrama 1111.** **Bengal San. 460.** **(N. Cycle) Durmukha.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	8 ·30	1 ·45	22	6	Thur.	1	12 ·82	9 ·87	25	7	Tues.	1	14 ·49	15 ·21	27
7	Sat.	2	9 ·28	2 ·47	28	7	Fri.	2	13 ·72	10 ·80	26	8	Wed. ●	2	—**A** ·46	16 ·18	28
8	Sun.	3	10 ·26	3 ·48	24	8	Sat.	3	14 ·62	11 ·73	27	9	Thur.	3	1 ·44	17 ·18	29
9	Mon.	4	11 ·22	4 ·46	25	9	Sun.	4	—**A** ·52	12 ·67	28	10	Fri.	4	2 ·44	18 ·19	—30
10	Tues.	5	12 ·14	5 ·43	26	10	Mon.	5	1 ·43	13 ·62	29	11	Sat.	5	3 ·45	19 ·23	1
11	Wed.	6	13 ·06 14 ·98	6 ·38	27	11	Tues.	6	2 ·35	14 ·57	—30	12	Sun.	6	4 ·50	20 ·30	2
						12	Wed.	7	3 ·30	15 ·54	1	13	Mon.	7	5 ·56	21 ·37	3
12	Thur.	7	—**A** ·89	7 ·32	28	13	Thur.	8	4 ·26	16 ·52	2	14	Tues.	8	6 ·63	22 ·46	4
13	Fri.	8	1 ·79	8 ·26	29	14	Fri.	9	5 ·24	17 ·54	3	15	Wed.	9	7 ·72	23 ·56	5
14	Sat.	9	2 ·69	9 ·19	—30	15	Sat.	10	6 ·23	18 ·56	4	16	Thur.	10	8 ·81	24 ·67	6
15	Sun.	10	3 ·59	10 ·12	1	16	Sun.	11	7 ·25	19 ·61	5	17	Fri.	11	9 ·90	25 ·78	7
				11 ·05		17	Mon.	12	8 ·29	20 ·67	6	18	Sat.	12	10 ·97	26 ·88	8
16	Mon.	11	4 ·49	12 ·99	2	18	Tues.	13	9 ·35	21 ·76	7	19	Sun.	13	.. ...	27 ·96	9
17	Tues.	12	5 ·40	13 ·95	3	19	Wed.	14	10 ·43	22 ·86	8	20	Mon.	14	11 ·03	... ...	10
18	Wed.	13	6 ·32	14 ·91	4	20	Thur.	15	11 ·52	23 ·97	9	21	Tues.	15	12 ·07	1 ·03	11
19	Thur.	14	7 ·26	15 ·89	5	21	Fri.	16	12 ·60	.. ...	10	22	Wed.	16	13 ·10	2 ·07	12
20	Fri.	15	8 ·21	16 ·88	6	22	Sat.	17	13 ·67	24 ·08	11	23	Thur.	17	14 ·09	3 ·09	13
21	Sat.	16	9 ·19	17 ·89	7	23	Sun.	18	14 ·74	25 ·18	12	24	Fri.	18	**P** ·07	4 ·10	14
22	Sun.	17	10 ·18	18 ·93	8	24	Mon.	19	**P** ·81	26 ·27	13				1 ·04		
23	Mon.	18	11 ·19	19 ·99	9	25	Tues.	20	1 ·88	27 ·35	14	25	Sat.	19	2 ·97	5 ·09	15
24	Tues.	19	12 ·24	.. .	10	26	Wed.	21	2 ·87	1 ·40	15	26	Sun.	20	3 ·89	6 ·05	16
25	Wed.	20	13 ·29	20 ·07	11	27	Thur.	22	3 ·87	2 ·44	16					7 ·01	
26	Thur.	21	14 ·36	21 ·16	12	28	Fri.	23	4 ·85	3 ·45	17	27	Mon.	21	4 ·81	8 ·95	17
27	Fri.	22	**P** ·44	22 ·26	13	29	Sat.	24	5 ·80	4 ·44	18	28	Tues.	22	5 ·73	9 ·89	18
28	Sat.	23	1 ·53	23 ·36	14	30	Sun.	25	6 ·74	5 ·42	19	29	Wed.	23	6 ·64	10 ·82	19
29	Sun.	24	2 ·61	24 ·48	15	—31	Mon.	26	7 ·66	6 ·39	—20	—30	Thur.	24	7 ·54	11 ·75	20
30	Mon.	25	3 ·67	25 ·58	16	1	Tues.	27	8 ·58	7 ·34	21	1	Fri.	25	8 ·44	12 ·63	21
—31	Tues.	26	4 ·73	26 ·66	17	2	Wed.	28	9 ·49	8 ·28	22	2	Sat.	26	9 ·34	13 ·62	22
1	Wed.	27	5 ·77	27 ·72	18	3	Thur.	29	10 ·39	9 ·21	23	3	Sun.	27	10 ·26	14 ·53	23
2	Thur.	28	6 ·79	1 ·77	19	4	Fri.	30	11 ·29	10 ·14	24	4	Mon.	28	11 ·19	15 ·54	24
3	Fri.	29	7 ·78	2 ·80	20							5	Tues.	29	12 ·14	16 ·51	25
4	Sat.	30	8 ·76	3 ·81	21							6	Wed.	30	13 ·09	17 ·50	26
5	Sun.	31	9 ·71	4 ·79	22												
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	10 ·65	5 ·76	23	5	Sat.	1	12 ·19	11 ·03	25	7	Thur.	1	14 ·08	18 ·51	27
7	Tues.	2	11 ·58	6 ·71	24	6	Sun.	2	13 ·10	12 ·01	26	8	Fri.	2	—**A** ·08	19 ·54	28
8	Wed.	3	12 ·49	7 ·67	25					13 ·95		9	Sat.	3	1 ·10	20 ·60	—29
9	Thur.	4	13 ·39	8 ·60	26	7	Mon.	3	14 ·01	14 ·90	27	10	Sun.	4	2 ·14	21 ·67	1
10	Fri.	5	14 ·29	9 ·53	27				**A** ·94			11	Mon.	5	3 ·20	22 ·76	2
11	Sat.	6	—**A** ·19	10 ·46	28	8	Tues.	4	1 ·88	15 ·87	28	12	Tues.	6	4 ·28	23 ·86	3
12	Sun.	7	1 ·09	11 ·39	—29	9	Wed.	5	2 ·84	16 ·86	—29	13	Wed.	7	5 ·36	24 ·97	4
			2 ·00			10	Thur.	6	3 ·82	17 ·86	1	14	Thur.	8	6 ·45	.. ...	5
13	Mon.	8	3 ·91	12 ·32	1	11	Fri.	7	4 ·82	18 ·83	2	15	Fri.	9	7 ·54	25 ·08	6
14	Tues.	9	4 ·82	13 ·28	2	12	Sat.	8	5 ·81	19 ·92	3	16	Sat.	10	8 ·63	26 ·18	7
15	Wed.	10	5 ·76	14 ·24	3	13	Sun.	9	6 ·88	20 ·98	4	17	Sun.	11	9 ·68	27 ·27	8
16	Thur.	11	6 ·71	15 ·21	4	14	Mon.	10	7 ·94	.. ...	5	18	Mon.	12	10 ·72	1 ·34	9
17	Fri.	12	7 ·70	16 ·20	5	15	Tues.	11	... ...	21 ·07	6	19	Tues.	13	11 ·75	2 ·38	10
18	Sat.	13	8 ·69	17 ·21	6	16	Wed.	12	8 ·02	22 ·16	7	20	Wed.	14	12 ·74	3 ·42	11
19	Sun.	14	9 ·71	18 ·25	7	17	Thur.	13	9 ·10	23 ·26	8	21	Thur.	15	13 ·72	4 ·43	12
20	Mon.	15	10 ·75	19 ·30	8	18	Fri.	14	10 ·18	24 ·37	9	22	Fri.	16	14 ·68	5 ·42	13
21	Tues.	16	11 ·80	20 ·37	9	19	Sat.	15	11 ·23	25 ·48	10	23	Sat.	17	**P** ·61	6 ·39	14
22	Wed.	17	12 ·88	21 ·46	10	20	Sun.	16	12 ·35	26 ·58	11	24	Sun.	18	1 ·55	7 ·34	15
23	Thur.	18	13 ·96	22 ·56	11	21	Mon.	17	13 ·40	27 ·63	12	25	Mon.	19	2 ·46	8 ·30	16
24	Fri.	19	.. ...	23 ·67	12	22	Tues.	18	14 ·45	1 ·72	13	26	Tues.	20	3 ·37	9 ·23	17
25	Sat.	20	14 ·04	24 ·78	13	23	Wed.	19	**P** ·46	2 ·75	14	27	Wed.	21	4 ·28	10 ·16	18
26	Sun.	21	**P** ·12	25 ·88	14	24	Thur.	20	1 ·46	3 ·77	15	28	Thur.	22	5 ·18	11 ·09	19
27	Mon.	22	1 ·20	26 ·96	15	25	Fri.	21	2 ·44	4 ·77	16				6 ·08	12 ·02	
28	Tues.	23	2 ·25	.. ...	16	26	Sat.	22	3 ·41	5 ·76	17	—29	Fri.	23	7 ·99	13 ·97	20
29	Wed.	24	3 ·30	27 ·03	17	27	Sun.	23	4 ·34	6 ·72	18						
30	Thur.	25	4 ·31	1 ·09	18	28	Mon.	24	5 ·27	7 ·67	19	1	Sat.	24	8 ·91	14 ·91	21
—31	Fri.	26	5 ·30	2 ·12	19	—29	Tues.	25	6 ·19	8 ·61	20	2	Sun.	25	9 ·83	15 ·87	22
1	Sat.	27	6 ·29	3 ·13	20	1	Wed.	26	7 ·10	9 ·53	21	3	Mon.	26	10 ·78	16 ·84	23
2	Sun.	28	7 ·24	4 ·12	21	2	Thur.	27	8 ·00	10 ·48	22	4	Tues.	27	11 ·74	17 ·82	24
3	Mon.	29	8 ·17	5 ·09	22				9 ·90			5	Wed.	28	12 ·73	18 ·83	25
4	Tues.	30	9 ·10	6 ·06	23	3	Fri.	28	10 ·80	11 ·41	23	6	Thur.	29	13 ·72	19 ·86	26
5	Wed.	31	10 ·01 11 ·92	7 ·00 8 ·94	24	4	Sat.	29	11 ·71	12 ·35	24	7	Fri.	30	14 ·76	20 ·91	27
						5	Sun.	30	12 ·63	13 ·29	25	8	Sat.	31	—**A** ·80	21 ·98	28
						6	Mon.	31	13 ·55	14 ·23	26						

Jaya. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** *Bahula.* *H.* 446 *Rabi-ul ākhir.*

Jaya. **Siṁha—Āvaṇi.** *Sukla.* **Bhādrapada.** *Bahula.* *H.* 446 *Jamāda'l awwal.*

Jaya. **Kanyā—Puraṭṭāsi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 446 *Jamāda'l ākhir.*

Jaya. **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *H.* 446 *Rajab.*

Jaya. **Vṛśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 446 *Sha'bān.*

Jaya. **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H.* 446 *Ramazān.*

Jaya. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1055. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·97.** **Śaka 977.** **Kaliyuga 4156.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·93.** **(S. Cycle) Manmatha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	1 ·85	...	29	8	Wed. 1	—A ·33	... ...	29	8	Mon. 1	2 ·64	4 ·04	—30
10	Mon. 2	2 ·92	22 ·06	—30	9	Thur. 2	1 ·41	26 ·08	—30	9	Tues. 2	3 ·62	5 ·05	1
11	Tues. 3	.. ...	23 ·16	1	10	Fri. 3	2 ·48	27 ·19	1	10	Wed. 3	4 ·58	6 ·04	2
12	Wed. 4	3 ·01	24 ·28	2	11	Sat. 4	3 ·53	1 ·27	2	11	Thur. 4	5 ·51	7 ·01 } 8 ·97 }	3
13	Thur. 5	4 ·10	25 ·38	3	12	Sun. 5	4 ·58	2 ·33	3					
14	Fri. 6	5 ·18	26 ·48	4	13	Mon. 6	5 ·59	3 ·37	4	12	Fri. 5	6 ·43	9 ·93	4
15	Sat. 7	6 ·26	27 ·57	5	14	Tues. 7	6 ·59	4 ·39	5	13	Sat. 6	7 ·34	10 ·86	5
16	Sun. 8	7 ·32	1 ·64	6	15	Wed. 8	7 ·56	5 ·39	6	14	Sun. 7	8 ·25	11 ·79	6
17	Mon. 9	8 ·38	2 ·71	7	16	Thur. 9	8 ·53	6 ·38	7	15	Mon. 8	9 ·15	12 ·72	7
18	Tues. 10	9 ·38	3 ·74	8	17	Fri. 10	9 ·46	7 ·35	8	16	Tues. 9	10 ·04 } 11 ·94 }	13 ·65	8
19	Wed. 11	10 ·38	4 ·75	9	18	Sat. 11	10 ·38	8 ·30	9					
20	Thur. 12	11 ·36	5 ·74	10	19	Sun. 12	11 ·30	9 ·24	10	17	Wed. 10	12 ·84	14 ·60	9
21	Fri. 13	12 ·32	6 ·72	11	20	Mon. 13	12 ·20	10 ·18	11	18	Thur. 11	13 ·75	15 ·54	10
22	Sat. 14	13 ·26	7 ·69	12	21	Tues. 14	13 ·10	11 ·12	12	19	Fri. 12	14 ·67	16 ·49	11
23	Sun. 15	14 ·18	8 ·63	13			14 ·00 }	12 ·05 }		20	Sat. 13	P ·62	17 ·46	12
24	Mon. 16	P ·10	9 ·57	14	22	Wed. 15	P ·90	13 ·98	13	21	Sun. 14	1 ·57	18 ·45	13
25	Tues. 17	1 ·01 } 2 ·91 }	10 ·50	15	23	Thur. 16	1 ·81	14 ·92	14	22	Mon. 15	2 ·55	19 ·46	14
					24	Fri. 17	2 ·73	15 ·86	15	23	Tues. 16	3 ·54	20 ·48	15
26	Wed. 18	3 ·81	11 ·43	16	25	Sat. 18	3 ·66	16 ·83	16	24	Wed. 17	4 ·57	21 ·52	16
27	Thur. 19	4 ·72	12 ·36	17	26	Sun. 19	4 ·59	17 ·81	17	25	Thur. 18	5 ·60	22 ·59	17
28	Fri. 20	5 ·63	13 ·30	18	27	Mon. 20	5 ·55	18 ·80	18	26	Fri. 19	6 ·65	23 ·67	18
29	Sat. 21	6 ·54	14 ·25	19	28	Tues. 21	6 ·52	19 ·81	19	27	Sat. 20	7 ·73	24 ·77	19
—30	Sun. 22	7 ·47	15 ·20	20	29	Wed. 22	7 ·52	20 ·84	20	28	Sun. 21	8 ·81	25 ·88	20
1	Mon 23	8 ·41	16 ·16	21	—30	Thur. 23	8 ·54	21 ·91	21	29	Mon. 22	9 ·90	26 ·99	21
2	Tues. 24	9 ·37	17 ·15	22	1	Fri. 24	9 ·58	22 ·98	22	30	Tues. 23	10 ·97	... ...	22
3	Wed. 25	10 ·36	18 ·16	23	2	Sat. 25	10 ·64	... ...	23	—31	Wed. 24	... ...	27 ·09	23
4	Thur. 26	11 ·35	19 ·18	24	3	Sun. 26	11 ·71	23 ·07	24	1	Thur. 25	11 ·04	1 ·18	24
5	Fri. 27	12 ·34	20 ·22	25	4	Mon. 27	12 ·79	24 ·17	25	2	Fri. 26	12 ·10	2 ·26	25
6	Sat. 28	13 ·42	21 ·28	26	5	Tues. 28	13 ·88	25 ·28	26	3	Sat. 27	13 ·12	3 ·32	26
7	Sun. 29	14 ·48	22 ·36	27	6	Wed. 29	14 ·96	26 ·39	27	4	Sun. 28	14 ·14	4 ·36	27
8	Mon. 30	—A ·55	23 ·47	28	7	Thur. 30	... .	27 ·49	28	5	Mon. 29	—A ·13	5 ·37	28
9	Tues. 31	1 ·63	24 ·57	—29	8	Fri. 31	—A ·03	1 ·57	29	6	Tues. 30	1 ·13	6 ·37	—29
										7	Wed. 31	2 ·06	7 ·34	1
	Feb.					**April.**					**June.**			
10	Wed. 1	2 ·73	25 ·68	1	9	Sat. 1	1 ·10	2 ·64	—30	8	Thur. 1	3 ·09 } 4 ·92 }	8 ·31	2
11	Thur. 2	3 ·81	26 ·78	2	10	Sun. 2	2 ·12	3 ·69	1					
12	Fri. 3	4 ·89	27 ·88	3	11	Mon. 3	3 ·13	4 ·71	2	9	Fri. 2	5 ·83	9 ·26	3
13	Sat. 4	5 ·94	1 ·93	4	12	Tues. 4	4 ·13	5 ·73	3	10	Sat. 3	6 ·73	10 ·20	4
14	Sun. 5	6 ·99	... ...	5	13	Wed. 5	5 ·10	6 ·71	4	11	Sun. 4	7 ·63	11 ·13	5
15	Mon. 6	. ...	2 ·02	6	14	Thur. 6	6 ·07	7 ·68	5	12	Mon. 5	8 ·53	12 ·05	6
16	Tues. 7	7 ·00	3 ·06	7	15	Fri. 7	7 ·00 } 8 ·93 }	8 ·64	6	13	Tues. 6	9 ·4	13 ·00 } 14 ·93 }	7
17	Wed. 8	8 ·00 } 9 ·97 }	4 ·07	8										
18	Thur. 9	10 ·94	5 ·07	9	16	Sat. 8	9 ·84	9 ·58	7	14	Wed. 7	10 ·33	15 ·88	8
19	Fri. 10	11 ·88	6 ·06	10	17	Sun. 9	10 ·74	10 ·53	8	15	Thur. 8	11 ·23	16 ·83	9
20	Sat. 11	12 ·80	7 ·02 } 8 ·97 }	11	18	Mon. 10	11 ·64	11 ·46	9	16	Fri. 9	12 ·16	17 ·79	10
					19	Tues. 11	12 ·54	12 ·39	10	17	Sat. 10	13 ·10	18 ·77	11
21	Sun. 12	13 ·72	9 ·91	12	20	Wed. 12	13 ·44	13 ·32	11	18	Sun. 11	14 ·05	19 ·78	12
22	Mon. 13	14 ·62	10 ·84	13	21	Thur. 13	14 ·34	14 ·25	12	19	Mon. 12	P ·03	20 ·80	13
23	Tues. 14	P ·52	11 ·77	14	22	Fri. ○14	P ·26	15 ·21	13	20	Tues. 13	1 ·02	21 ·84	14
24	Wed. 15	1 ·42	12 ·71	15	23	Sat. 15	1 ·18	16 ·16	14	21	Wed. 14	2 ·05	22 ·89	15
25	Thur. 16	2 ·32	13 ·64	16	24	Sun. 16	2 ·12	17 ·13	15	22	Thur. 15	3 ·08	23 ·97	16
26	Fri. 17	3 ·23	14 ·58	17	25	Mon. 17	3 ·07	18 ·12	16	23	Fri. 16	4 ·14	... ...	17
27	Sat. 18	4 ·15	15 ·53	18	26	Tues. 18	4 ·05	19 ·13	17	24	Sat. 17	5 ·21	24 ·08	18
28	Sun. 19	5 ·08	16 ·49	19	27	Wed. 19	5 ·05	20 ·17	18	25	Sun. 18	6 ·28	25 ·18	19
					28	Thur. 20	6 ·07	21 ·22	19	26	Mon. 19	7 ·37	26 ·29	20
29	Mon. 20	6 ·02 } 7 ·98 }	17 ·48	20	29	Fri. 21	7 ·11	22 ·28	20	27	Tues. 20	8 ·45	27 ·39	21
					30	Sat. 22	8 ·16	23 ·37	21	28	Wed. 21	9 ·51	1 ·48	22
—30	Tues. 21	8 ·96	18 ·48	21	—31	Sun. 23	9 ·24	24 ·47	22	29	Thur. 22	10 ·57	2 ·57	23
1	Wed. 22	9 ·96	19 ·49	22	1	Mon. 24	10 ·32	25 ·57	23	30	Fri. 23	11 ·61	3 ·63	24
2	Thur. 23	10 ·98	20 ·53	23	2	Tues. 25	11 ·40	26 ·69	24	31	Sat. 24	12 ·62	4 ·67	25
3	Fri. 24	... ...	21 ·59	24	3	Wed. 26	12 ·48	27 ·79	25	—32	Sun. 25	13 ·60	5 ·69	26
4	Sat. 25	11 ·01	22 ·68	25	4	Thur. 27	13 ·54	1 ·88	26	1	Mon. 26	14 ·58	6 ·69	27
5	Sun. 26	12 ·08	23 ·77	26	5	Fri. 28	14 ·60	2 ·95	27	2	Tues. 27	—A ·53	7 ·68	28
6	Mon. 27	13 ·15	24 ·87	27	6	Sat. 29	—A ·64	... ...	28	3	Wed. 28	1 ·47	8 ·65	29
7	Tues. 28	14 ·24	25 ·98	28	7	Sun. 30	1 ·65	3 ·03	29	4	Thur. 29	2 ·39	9 ·60	—30
										5	Fri. 30	3 ·31	10 ·54	1

Jaya. Makara—Tai. Sukla. Māgha. Bahula. H. 445 Shawwāl.
Jaya. Mīna—Phālguna. Sukla. Phālguna. Bahula. H. 446 Zi-l-ka'da.
Manmatha. Mēsha—Chittirai. Sukla. Vaiśākha. Bahula. H. 447 Muharram.
Jaya. Kumbha—Māśi. Sukla. Phālguna. Bahula. H. 446 Zi-l-ka'da.
Manmatha. Vrishabha—Vaigāśi. Sukla. Jyeshtha. Bahula. H. 447 Safar.
Manmatha. Mithuna—Āni. Sukla. Āshādha. Bahula. H. 447 Rabi-ul awwal.

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1055. **Kollam 231,** { **N. Malabar—Aug.** **Hijra 447.** **Vikrama 1112.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Apr. 2.** **Bengal San. 461.**
P—Paurnimā. **(N. Cycle) Hemalamba.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	4 ·21	11 ·47	2	6	Fri. 1	8 ·56	19 ·74	5	6	Wed. 1	10 ·93	25 ·68	7
7	Sun. 2	5 ·11	12 ·40	3	7	Sat. 2	9 ·54	20 ·75	6	7	Thur. 2	... ...	26 ·79	8
8	Mon. 3	6 ·00 / 7 ·90	13 ·34	4	8	Sun. 3	10 ·54	21 ·78	7	8	Fri. 3	11 ·02	27 ·89	9
9	Tues. 4	8 ·80	14 ·27	5	9	Mon. 4	11 ·56	22 ·83	8	9	Sat. 4	12 ·11	... ...	10
10	Wed. 5	9 ·70	15 ·21	6	10	Tues. 5	12 ·61	23 ·89	9	10	Sun. 5	13 ·19	1 ·00	11
11	Thur. 6	10 ·64	16 ·16	7	11	Wed. 6	13 ·66	24 ·98	10	11	Mon. 6	14 ·27	2 ·09	12
12	Fri. 7	11 ·58	17 ·12	8	12	Thur. 7	14 ·74	... ...	11	12	Tues. 7	P ·83	3 ·18	13
13	Sat. 8	12 ·53	18 ·10	9	13	Fri. 8	P ·82	25 ·07	12	13	Wed. 8	1 ·37	4 ·25	14
14	Sun. 9	13 ·51	19 ·10	10	14	Sat. 9	1 ·90	26 ·19	13	14	Thur. 9	2 ·38	5 ·29	15
15	Mon. 10	14 ·50	20 ·11	11	15	Sun. 10	2 ·99	27 ·30	14	15	Fri. 10	3 ·37	6 ·31	16
16	Tues. 11	P ·52	21 ·15	12	16	Mon. 11	... ...	1 ·41	15	16	Sat. 11	4 ·36	7 ·31	17
17	Wed. 12	1 ·55	22 ·20	13	17	Tues. 12	3 ·06	2 ·49	16	17	Sun. 12	5 ·31	8 ·31	18
18	Thur. 13	2 ·62	23 ·29	14	18	Wed. 13	4 ·12	3 ·56	17	18	Mon. 13	6 ·26	9 ·27	19
19	Fri. 14	3 ·69	24 ·38	15	19	Thur. 14	5 ·15	4 ·61	18	19	Tues. 14	7 ·18	10 ·23	20
20	Sat. 15	4 ·77	25 ·48	16	20	Fri. 15	6 ·17	5 ·66	19	20	Wed. 15	8 ·10	11 ·17	21
21	Sun. 16	5 ·85	26 ·58	17	21	Sat. 16	7 ·16	6 ·67	20	21	Thur. 16	9 ·01 / 10 ·92	12 ·10	22
22	Mon. 17	6 ·93	27 ·69	18	22	Sun. 17	8 ·13	7 ·66	21					
23	Tues. 18	... ...	1 ·80	19	23	Mon. 18	9 ·10	8 ·64	22	22	Fri. 17	11 ·82	13 ·04 / 14 ·97	23
24	Wed. 19	7 ·01	2 ·88	20	24	Tues. 19	10 ·04 / 11 ·97	9 ·60	23	23	Sat. 18	12 ·72	15 ·90	24
25	Thur. 20	8 ·06	3 ·94	21	25	Wed. 20	12 ·88	10 ·56	24	24	Sun. 19	13 ·63	16 ·84	25
26	Fri. 21	9 ·09	4 ·99	22	26	Thur. 21	13 ·79	11 ·49	25	25	Mon. 20	14 ·54	17 ·79	26
27	Sat. 22	10 ·10	... ...	23	27	Fri. 22	14 ·69	12 ·43	26	26	Tues. 21	—A ·48	18 ·75	27
28	Sun. 23	11 ·10	5 ·01	24	28	Sat. 23	—A ·59	13 ·36	27	27	Wed. 22	1 ·42	19 ·73	28
29	Mon. 24	12 ·07	6 ·03	25	29	Sun. 24	1 ·49	14 ·29	28	28	Thur. 23	2 ·38	20 ·72	29
30	Tues. 25	13 ·03 / 14 ·96	7 ·01 / 8 ·98	26	30	Mon. 25	2 ·39	15 ·23	—29	—29	Fri. 24	3 ·37	21 ·73	1
—31	Wed. 26	—A ·88	9 ·93	27	—31	Tues. 26	3 ·31	16 ·17	1	1	Sat. 25	4 ·36	22 ·76	2
1	Thur. 27	1 ·80	10 ·87	28	1	Wed. 27	4 ·23	17 ·12	2	2	Sun. 26	5 ·39	23 ·81	3
2	Fri. 28	2 ·70	11 ·81	—29	2	Thur. 28	5 ·18	18 ·09	3	3	Mon. 27	6 ·45	24 ·90	4
3	Sat. 29	3 ·60	12 ·75	1	3	Fri. 29	6 ·18	19 ·07	4	4	Tues. 28	7 ·50	25 ·98	5
4	Sun. 30	4 ·50	13 ·68	2	4	Sat. 30	7 ·12	20 ·08	5	5	Wed. 29	8 ·57	... ...	6
5	Mon. 31	5 ·40	14 ·61	3						6	Thur. 30	9 ·66	26 ·08	7
	Aug.					**Oct.**					**Dec.**			
6	Tues. 1	6 ·30	15 ·55	4	5	Sun. 1	8 ·11	21 ·10	6	7	Fri. 1	10 ·75	27 ·19	8
7	Wed. 2	7 ·21	16 ·49	5	6	Mon. 2	9 ·14	22 ·14	7	8	Sat. 2	11 ·83	1 ·30	9
8	Thur. 3	8 ·14	17 ·46	6	7	Tues. 3	10 ·19	23 ·20	8	9	Sun. 3	12 ·91	2 ·40	10
9	Fri. 4	9 ·07	18 ·43	7	8	Wed. 4	11 ·24	24 ·28	9	10	Mon. 4	13 ·96	3 ·49	11
10	Sat. 5	10 ·03	19 ·42	8	9	Thur. 5	12 ·32	25 ·37	10	11	Tues. 5	... ...	4 ·56	12
11	Sun. 6	11 ·01	20 ·43	9	10	Fri. 6	13 ·40	26 ·49	11	12	Wed. 6	14 ·01	5 ·60	13
12	Mon. 7	12 ·01	21 ·46	10	11	Sat. 7	14 ·49	27 ·58	12	13	Thur. 7	P ·02	6 ·63	14
13	Tues. 8	13 ·03	22 ·52	11	12	Sun.○ 8	P ·57	1 ·70	13	14	Fri. 8	1 ·02	7 ·65	15
14	Wed. 9	14 ·07	23 ·59	12	13	Mon. 9	1 ·65	2 ·79	14	15	Sat. 9	2 ·00 / 3 ·95	8 ·64	16
15	Thur. 10	P ·12	24 ·68	13	14	Tues. 10	2 ·71	3 ·87	15					
16	Fri. 11	1 ·19	25 ·78	14	15	Wed. 11	3 ·74	4 ·94	16	16	Sun. 10	4 ·90	9 ·61	17
17	Sat. 12	2 ·27	26 ·88	15	16	Thur. 12	4 ·76	5 ·97	17	17	Mon. 11	5 ·83	10 ·56	18
18	Sun. 13	3 ·36	... ...	16	17	Fri. 13	5 ·75	6 ·99	18	18	Tues. 12	6 ·75	11 ·51	19
19	Mon. 14	4 ·45	27 ·00	17	18	Sat. 14	6 ·73	7 ·99	19	19	Wed. 13	7 ·65	12 ·45	20
20	Tues. 15	5 ·52	1 ·10	18	19	Sun. 15	7 ·69	8 ·97	20	20	Thur. 14	8 ·55	13 ·38	21
21	Wed. 16	6 ·58	2 ·18	19	20	Mon. 16	8 ·64	9 ·94	21	21	Fri. 15	9 ·45	14 ·31	22
22	Thur. 17	7 ·61	3 ·25	20	21	Tues. 17	9 ·56	10 ·89	22	22	Sat. 16	10 ·36	15 ·24	23
23	Fri. 18	8 ·61	4 ·30	21	22	Wed. 18	10 ·47	11 ·83	23	23	Sun. 17	11 ·27	16 ·18	24
24	Sat. 19	9 ·61	5 ·33	22	23	Thur. 19	11 ·37	12 ·77	24	24	Mon. 18	12 ·19	17 ·12	25
25	Sun. 20	10 ·58	6 ·35	23	24	Fri. 20	12 ·27	13 ·69	25	25	Tues. 19	13 ·12	18 ·09	26
26	Mon. 21	11 ·54	7 ·34	24	25	Sat. 21	13 ·17	14 ·63	26	26	Wed. 20	14 ·06	19 ·06	27
27	Tues. 22	12 ·48	8 ·31	25	26	Sun.● 22	14 ·08 / A ·99	15 ·57	27	27	Thur. 21	—A ·03	20 ·04	28
28	Wed. 23	13 ·41	9 ·27	26						28	Fri. 22	1 ·01	21 ·05	29
29	Thur. 24	14 ·32	10 ·21	27	27	Mon. 23	1 ·91	16 ·51	28	29	Sat. 23	2 ·01	22 ·08	—30
30	Fri. 25	—A ·22	11 ·16	28	28	Tues. 24	2 ·83	17 ·45	29	—30	Sun. 24	3 ·03	23 ·13	1
—31	Sat. 26	1 ·12	12 ·09	29	29	Wed. 25	3 ·79	18 ·42	—30	1	Mon. 25	4 ·08	24 ·20	2
					—30	Thur. 26	4 ·75	19 ·40	1	2	Tues. 26	5 ·14	25 ·28	3
1	Sun. 27	2 ·02 / 3 ·92	13 ·02 / 14 ·95	—30	1	Fri. 27	5 ·73	20 ·40	2	3	Wed. 27	6 ·21	26 ·38	4
2	Mon. 28	4 ·83	15 ·88	1	2	Sat. 28	6 ·72	21 ·41	3	4	Thur. 28	7 ·30	27 ·49	5
3	Tues. 29	5 ·74	16 ·84	2	3	Sun. 29	7 ·76	22 ·45	4	5	Fri. 29	8 ·39	1 ·60	6
4	Wed. 30	6 ·66	17 ·79	3	4	Mon. 30	8 ·80	23 ·51	5	6	Sat. 30	9 ·48	2 ·70	7
5	Thur. 31	7 ·61	18 ·76	4	5	Tues. 31	9 ·86	24 ·58	6	7	Sun. 31	10 ·56	3 ·79	8

Manmatha. **Karkaṭaka—Ādi.** *Sukla.* **Adhika Śrāvaṇa.** *Bahula.* *Manmatha.* **Kanyā—Puraṭṭāsi.** *Bahula.* *Manmatha.* **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *H. 447 Jamāda'l ākhir.* *H. 447 Sha'bān.*

Manmatha. **Siṁha—Āvaṇi.** *Sukla.* **Nija Śrāvaṇa.** *Bahula.* *Manmatha.* **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *H. 447 Rajab.* *Manmatha.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *H. 447 Ramazān.*

Manmatha. **Kan.—Pur.** *Sukla.* *Sukla.* *H. 447 Shawwāl.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Visāk. **17.** Anur. **18.** Jyesh. **19.** Mula. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Śatab.

A.D. 1056. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Kaliyuga 4157.**
Solar Eclipse. ● **(Surya Sid.) March 23·23.** **Śaka 978.** **(S. Cycle) Durmukha.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·19.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Manmatha. **Makara—Tai.**	**Jan.**			
8	Mon. 1	11 ·61	4 ·86	9
9	Tues. 2	12 ·65	5 ·92	10
10	Wed. 3	13 ·66	6 ·96	11
11	Thur. 4	14 ·67	7 ·97	12
12	Fri. 5	ℙ ·64	8 ·96	13
13	Sat. 6	1 ·60	9 ·94	14
14	Sun. 7	2 ·55	10 ·89	15
15	Mon. 8	3 ·48	11 ·84	16
16	Tues. 9	4 ·39	12 ·79	17
17	Wed. 10	5 ·30	13 ·72	18
18	Thur. 11	6 ·20	14 ·65	19
19	Fri. 12	7 ·10	15 ·58	20
20	Sat. 13	8 ·00 / 9 ·90	16 ·51	21
21	Sun. 14	10 ·83	17 ·47	22
22	Mon. 15	11 ·76	18 ·42	23
23	Tues. 16	12 ·70	19 ·38	24
24	Wed. 17	13 ·66	20 ·37	25
25	Thur. 18	14 ·65	21 ·37	26
26	Fri. 19	—A ·65	22 ·40	27
27	Sat. 20	1 ·67	23 ·44	28
28	Sun. 21	2 ·72	24 ·50	—29
—29	Mon. 22	3 ·77	25 ·59	1
1	Tues. 23	4 ·85	26 ·68	2
2	Wed. 24	5 ·94	27 ·80	3
3	Thur. 25		1 ·90	4
4	Fri. 26	6 ·02	2 ·00	5
5	Sat. 27	7 ·10	3 ·10	6
6	Sun. 28	8 ·18	4 ·17	7
7	Mon. 29	9 ·25	5 ·23	8
8	Tues. 30	10 ·28	6 ·28	9
9	Wed. 31	11 ·30		10
Manmatha. **Kumbha—Māgh.**	**Feb.**			
10	Thur. 1	12 ·29	7 ·29	11
11	Fri. 2	13 ·26	8 ·29	12
12	Sat. 3	14 ·23	9 ·27	13
13	Sun. 4	ℙ ·17	10 ·23	14
14	Mon. 5	1 ·10	11 ·19	15
15	Tues. 6	2 ·01 / 3 ·91	12 ·13	16
16	Wed. 7	4 ·81	13 ·06 / 14 ·99	17
17	Thur. 8	5 ·71	15 ·92	18
18	Fri. 9	6 ·62	16 ·86	19
19	Sat. 10	7 ·53	17 ·80	20
20	Sun. 11	8 ·45	18 ·75	21
21	Mon. 12	9 ·37	19 ·71	22
22	Tues. 13	10 ·32	20 ·69	23
23	Wed. 14	11 ·27	21 ·70	24
24	Thur. 15	12 ·26	22 ·71	25
25	Fri. 16	13 ·25	23 ·75	26
26	Sat. 17	14 ·28	24 ·81	27
27	Sun. 18	—A ·33	25 ·89	28
28	Mon. 19	1 ·38	26 ·99	29
29	Tues. 20	2 ·46	... ...	—30
—30	Wed. 21	3 ·54	27 ·09	1
1	Thur. 22	4 ·63	1 ·20	2
2	Fri. 23	5 ·71	2 ·30	3
3	Sat. 24	6 ·78	3 ·40	4
4	Sun. 25	7 ·84	4 ·48	5
5	Mon. 26	8 ·87	5 ·55	6
6	Tues. 27	9 ·89	6 ·59	7
7	Wed. 28	10 ·88	7 ·61	8
8	Thur. 29	11 ·86	8 ·61	9

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Manmatha. **Mīna—Pāṅguni.**	**March.**			
9	Fri. 1	12 ·82	9 ·59	10
10	Sat. 2	13 ·76	10 ·57	11
11	Sun. 3	14 ·69	11 ·52	12
12	Mon. 4	ℙ ·60	12 ·46	13
13	Tues. 5	1 ·50	13 ·40	14
14	Wed. 6	2 ·40	14 ·33	15
15	Thur. 7	3 ·30	15 ·27	16
16	Fri. 8	4 ·20	16 ·20	17
17	Sat. 9	5 ·11	17 ·14	18
18	Sun. 10	6 ·02 / 7 ·95	18 ·08	19
19	Mon. 11	8 ·90	19 ·04	20
20	Tues. 12	9 ·86	20 ·03	21
21	Wed. 13	10 ·84	21 ·02	22
22	Thur. 14	11 ·83	22 ·03	23
23	Fri. 15	12 ·86	23 ·06	24
24	Sat. 16	13 ·90	24 ·12	25
25	Sun. 17	14 ·95	25 ·19	26
26	Mon. 18	... ...	26 ·29	27
27	Tues. 19	—A ·03	27 ·39	28
28	Wed. 20	1 ·11	1 ·50	—29
29	Thur. 21	2 ·20	2 ·60	1
—30	Fri. 22	3 ·28	3 ·70	2
1	Sat. 23	4 ·35	4 ·79	3
2	Sun. 24	5 ·40	5 ·86	4
3	Mon. 25	6 ·43	6 ·91	5
4	Tues. 26	7 ·45	7 ·93	6
5	Wed. 27	8 ·44	8 ·94	7
6	Thur. 28	9 ·42	9 ·93	8
7	Fri. 29	10 ·37	10 ·90	9
8	Sat. 30	11 ·32	11 ·86	10
9	Sun. 31	12 ·23	12 ·80	11
Durmukha. **Mēsha—Chittirai.**	**April.**			
10	Mon. 1	13 ·14	13 ·73	12
11	Tues. ○ 2	14 ·04 / ℙ ·94	14 ·68	13
12	Wed. 3	1 ·84	15 ·60	14
13	Thur. 4	2 ·74	16 ·54	15
14	Fri. 5	3 ·65	17 ·47	16
15	Sat. 6	4 ·56	18 ·42	17
16	Sun. 7	5 ·50	19 ·38	18
17	Mon. 8	6 ·44	20 ·35	19
18	Tues. 9	7 ·38	21 ·34	20
19	Wed. 10	8 ·37	22 ·35	21
20	Thur. 11	9 ·36	23 ·38	22
21	Fri. 12	10 ·39	24 ·43	23
22	Sat. 13	11 ·43	25 ·50	24
23	Sun. 14	12 ·49	26 ·59	25
24	Mon. 15	13 ·56	27 ·69	26
25	Tues. 16	14 ·64	1 ·80	27
26	Wed. 17	—A ·73	2 ·90	28
27	Thur. 18	1 ·81	... ...	29
28	Fri. 19	2 ·88	3 ·01	—30
29	Sat. 20	3 ·92	4 ·10	1
30	Sun. 21	4 ·96	5 ·17	2
—31	Mon. 22	5 ·97	6 ·22	3
1	Tues. 23	6 ·97	7 ·25	4
2	Wed. 24	7 ·94	8 ·27	5
3	Thur. 25	8 ·88	9 ·26	6
4	Fri. 26	9 ·82	10 ·23	7
5	Sat. 27	10 ·74	11 ·19	8
6	Sun. 28	11 ·66	12 ·14	9
7	Mon. 29	12 ·55	13 ·08	10
8	Tues. 30	13 ·45	14 ·01 / 15 ·94	11

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Durmukha. **Vṛishabha—Vaigāśi.**	**May.**			
9	Wed. 1	14 ·35	16 ·87	12
10	Thur. 2	ℙ ·25	17 ·81	13
11	Fri. 3	1 ·15	18 ·75	14
12	Sat. 4	2 ·06	19 ·71	15
13	Sun. 5	3 ·00 / 4 ·94	20 ·68	16
14	Mon. 6	5 ·90	21 ·66	17
15	Tues. 7	6 ·87	22 ·67	18
16	Wed. 8	7 ·87	23 ·69	19
17	Thur. 9	8 ·89	24 ·75	20
18	Fri. 10	9 ·92	25 ·81	21
19	Sat. 11	10 ·99	26 ·89	22
20	Sun. 12	... ...	27 ·99	23
21	Mon. 13	11 ·06	... ...	24
22	Tues. 14	12 ·14	1 ·09	25
23	Wed. 15	13 ·22	2 ·21	26
24	Thur. 16	14 ·30	3 ·31	27
25	Fri. 17	—A ·37	4 ·40	28
26	Sat. 18	1 ·41	5 ·48	—29
27	Sun. 19	2 ·45	6 ·53	1
28	Mon. 20	3 ·46	7 ·58	2
29	Tues. 21	4 ·46	8 ·59	3
30	Wed. 22	5 ·42	9 ·59	4
31	Thur. 23	6 ·38	10 ·56	5
—32	Fri. 24	7 ·31	11 ·52	6
1	Sat. 25	8 ·22	12 ·48	7
2	Sun. 26	9 ·13	13 ·42	8
3	Mon. 27	10 ·04 / 11 ·94	14 ·35	9
4	Tues. 28	12 ·84	15 ·28	10
5	Wed. 29	13 ·74	16 ·21	11
6	Thur. 30	14 ·64	17 ·14	12
7	Fri. 31	ℙ ·56	18 ·09	13
Durmukha. **Mithuna—Āni.**	**June.**			
8	Sat. 1	1 ·48	19 ·05	14
9	Sun. 2	2 ·42	20 ·01 / 21 ·99	15
10	Mon. 3	3 ·38	22 ·99	16
11	Tues. 4	4 ·35	... ...	17
12	Wed. 5	5 ·35	23 ·02	18
13	Thur. 6	6 ·37	24 ·06	19
14	Fri. 7	7 ·41	25 ·12	20
15	Sat. 8	8 ·47	26 ·19	21
16	Sun. 9	9 ·54	27 ·29	22
17	Mon. 10	10 ·62	1 ·40	23
18	Tues. 11	11 ·70	2 ·51	24
19	Wed. 12	12 ·79	3 ·61	25
20	Thur. 13	13 ·85	4 ·70	26
21	Fri. 14	14 ·90	5 ·78	27
22	Sat. 15	—A ·93	6 ·85	28
23	Sun. 16	1 ·94	7 ·89	29
24	Mon. 17	2 ·93	8 ·91	—30
25	Tues. 18	3 ·90	9 ·91	1
26	Wed. 19	4 ·86	10 ·89	2
27	Thur. 20	5 ·78	11 ·86	3
28	Fri. 21	6 ·70	12 ·82	4
29	Sat. 22	7 ·62	13 ·76	5
30	Sun. 23	8 ·53	14 ·69	6
—31	Mon. 24	9 ·43	15 ·62	7
1	Tues. 25	10 ·32	16 ·55	8
2	Wed. 26	11 ·22	17 ·49	9
3	Thur. 27	12 ·12	18 ·43	10
4	Fri. 28	13 ·04 / 14 ·96	19 ·38	11
5	Sat. 29	ℙ ·90	20 ·34	12
6	Sun. 30	1 ·85	21 ·31	13

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

C8342

A.D. 1056. **Kollam 232,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 448.** Commences **Mar. 21.** **Vikrama 1113.** **Bengal San. 462.** **(N. Cycle) Vilamba.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	2 ·83	22 ·32	14	6	Sun.	1	4 ·14	[illegible] ·40	17	7	Fri.	1	6 ·67	8 ·51	19
8	Tues.	2	3 ·83	23 ·33	15	7	Mon.	2	5 ·23	3 ·51	18	8	Sat.	2	7 ·67	9 ·53	20
9	Wed.	3	4 ·84	24 ·37	16	8	Tues.	3	6 ·30	4 ·62	19	9	Sun.	3	8 ·64	10 ·53	21
10	Thur.	4	5 ·89	25 ·42	17	9	Wed.	4	7 ·37	5 ·71	20	10	Mon.	4	9 ·59	11 ·52	22
11	Fri.	5	6 ·95	26 ·50	18	10	Thur.	5	8 ·42	6 ·78	21	11	Tues.	5	10 ·54	12 ·49	23
12	Sat.	6	... ...	27 ·60	19	11	Fri.	6	9 ·46	7 ·83	22	12	Wed.	6	11 ·47	13 ·45	24
13	Sun.	7	7 ·02	1 ·70	20	12	Sat.	7	10 ·47	8 ·87	23	13	Thur.	7	12 ·38	14 ·39	25
14	Mon.	8	8 ·10	2 ·80	21	13	Sun.	8	11 ·46	9 ·89	24	14	Fri.	8	13 ·29	15 ·32	26
15	Tues.	9	9 ·18	3 ·91	22	14	Mon.	9	12 ·44	10 ·88	25	15	Sat.	9	14 ·19	16 ·25	27
16	Wed.	10	10 ·27	... ...	23	15	Tues.	10	13 ·39	11 ·86	26	16	Sun.	10	—A ·09	17 ·18	28
17	Thur.	11	11 ·33	4 ·01	24	16	Wed.	11	14 ·33	12 ·82	27				1 ·00		
18	Fri.	12	12 ·38	5 ·10	25	17	Thur ●	12	—A ·25	13 ·77	28	17	Mon.	11	2 ·91	18 ·12	—29
19	Sat.	13	13 ·41	6 ·16	26	18	Fri.	13	1 ·17	14 ·71	—29	18	Tues.	12	3 ·82	19 ·06	1
20	Sun.	14	14 ·43	7 ·21	27	19	Sat.	14	2 ·07	15 ·65	1	19	Wed.	13	4 ·76	20 ·01	2
21	Mon.	15	—A ·41	8 ·23	28				3 ·97							21 ·97	
22	Tues.	16	1 ·39	9 ·24	—29	20	Sun.	15	4 ·87	16 ·58	2	20	Thur.	14	5 ·71	22 ·94	3
23	Wed.	17	2 ·34	10 ·22	1	21	Mon.	16	5 ·78	17 ·50	3	21	Fri.	15	6 ·66	23 ·94	4
24	Thur.	18	3 ·27	11 ·20	2	22	Tues.	17	6 ·69	18 ·44	4	22	Sat.	16	7 ·65	24 ·95	5
25	Fri.	19	4 ·20	12 ·15	3	23	Wed.	18	7 ·60	19 ·39	5	23	Sun.	17	8 ·66	25 ·98	6
26	Sat.	20	5 ·11	13 ·09	4	24	Thur.	19	8 ·54	20 ·34	6	24	Mon.	18	9 ·67	... ...	7
27	Sun.	21	6 ·01	14 ·03	5	25	Fri.	20	9 ·48	21 ·31	7	25	Tues.	19	10 ·72	26 ·03	8
			7 ·90	15 ·96		26	Sat.	21	10 ·44	22 ·29	8	26	Wed.	20	11 ·79	27 ·11	9
28	Mon.	22	8 ·80	16 ·90	6	27	Sun.	22	11 ·42	23 ·29	9	27	Thur.	21	12 ·87	1 ·20	10
29	Tues.	23	9 ·70	17 ·83	7	28	Mon.	23	12 ·41	24 ·31	10	28	Fri.	22	13 ·95	2 ·30	11
30	Wed.	24	10 ·60	18 ·77	8	29	Tues.	24	13 ·44	25 ·36	11	— 29	Sat.	23	... ...	3 ·41	12
31	Thur.	25	11 ·52	19 ·71	9	—30	Wed.	25	14 ·48	26 ·42	12	1	Sun.	24	14 ·04	4 ·52	13
—32	Fri.	26	12 ·45	20 ·67	10	1	Thur. ○	26	P ·55	27 ·50	13	2	Mon.	25	P ·13	5 ·61	14
1	Sat.	27	13 ·39	21 ·65	11	2	Fri.	27	1 ·62	1 ·59	14	3	Tues.	26	1 ·20	6 ·71	15
2	Sun.	28	14 ·34	22 ·64	12	3	Sat.	28	2 ·71	2 ·70	15	4	Wed.	27	2 ·27	7 ·78	16
3	Mon.	29	P ·33	23 ·65	13	4	Sun.	29	3 ·79	3 ·81	16	5	Thur.	28	3 ·30	8 ·82	17
4	Tues.	30	1 ·32	24 ·68	14	5	Mon.	30	4 ·87	4 ·92	17	6	Fri.	29	4 ·31	9 ·85	18
5	Wed.	31	2 ·35	25 ·73	15							7	Sat.	30	5 ·31	10 ·86	19
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	3 ·39	26 ·81	16	6	Tues.	1	5 ·95	... ...	18	8	Sun.	1	6 ·28	11 ·84	20
7	Fri.	2	4 ·45	27 ·90	17	7	Wed.	2	... ...	5 ·01	19	9	Mon.	2	7 ·24	12 ·83	21
8	Sat.	3	5 ·52	... ...	18	8	Thur.	3	6 ·00	6 ·09	20	10	Tues.	3	8 ·18	13 ·78	22
9	Sun.	4	6 ·60	1 ·00	19	9	Fri.	4	7 ·05	7 ·15	21	11	Wed.	4	9 ·11	14 ·73	23
10	Mon.	5	7 ·69	2 ·10	20	10	Sat.	5	8 ·05	8 ·19	22	12	Thur.	5	10 ·03	15 ·66	24
11	Tues.	6	8 ·79	3 ·21	21	11	Sun.	6	9 ·05	9 ·21	23				11 ·94		
12	Wed.	7	9 ·84	4 ·31	22	12	Mon.	7	10 ·02	10 ·21	24	13	Fri.	6	12 ·84	16 ·59	25
13	Thur.	8	10 ·89	5 ·40	23				11 ·98			14	Sat.	7	13 ·74	17 ·53	26
14	Fri.	9	11 ·91	6 ·47	24	13	Tues.	8	12 ·92	11 ·19	25	15	Sun.	8	14 ·64	18 ·46	27
15	Sat.	10	12 ·93	7 ·52	25	14	Wed.	9	13 ·84	12 ·15	26	16	Mon.	9	—A ·54	19 ·40	28
16	Sun.	11	13 ·92	8 ·55	26	15	Thur.	10	14 ·76	13 ·11	27	17	Tues.	10	1 ·46	20 ·34	29
17	Mon.	12	14 ·90	9 ·56	27	16	Fri.	11	—A ·66	14 ·05	28	18	Wed.	11	2 ·39	21 ·30	—30
18	Tues.	13	—A ·85	10 ·56	28					15 ·98		19	Thur.	12	3 ·34	22 ·28	1
19	Wed.	14	1 ·79	11 ·53	29	17	Sat.	12	1 ·56	16 ·91	29	20	Fri.	13	4 ·30	23 ·26	2
20	Thur.	15	2 ·71	12 ·49	—30	18	Sun.	13	2 ·46	17 ·84	—30	21	Sat.	14	5 ·30	24 ·27	3
21	Fri.	16	3 ·62	13 ·43	1	19	Mon.	14	3 ·37	18 ·78	1	22	Sun.	15	6 ·30	25 ·30	4
22	Sat.	17	4 ·52	14 ·37	2	20	Tues.	15	4 ·28	19 ·72	2	23	Mon.	16	7 ·31	26 ·34	5
23	Sun.	18	5 ·42	15 ·31	3	21	Wed.	16	5 ·19	20 ·67	3	24	Tues.	17	8 ·37	27 ·42	6
24	Mon.	19	6 ·32	16 ·24	4	22	Thur.	17	6 ·13	21 ·64	4	25	Wed.	18	9 ·44	1 ·50	7
25	Tues.	20	7 ·22	17 ·17	5	23	Fri.	18	7 ·07	22 ·61	5	26	Thur.	19	10 ·51	2 ·60	8
26	Wed.	21	8 ·13	18 ·10	6	24	Sat.	19	8 ·04	23 ·61	6	27	Fri.	20	11 ·60	3 ·71	9
27	Thur.	22	9 ·04	19 ·05	7	25	Sun.	20	9 ·02	24 ·63	7	28	Sat.	21	12 ·69	4 ·81	10
			10 ·98			26	Mon.	21	10 ·03	25 ·67	8	29	Sun.	22	13 ·77	5 ·92	11
28	Fri.	23	11 ·92	20 ·01	8	27	Tues.	22	11 ·04	26 ·73	9	—30	Mon.	23	14 ·84	... ...	12
				21 ·98		28	Wed.	23	12 ·09	27 ·80	10	1	Tues.	24	P ·91	6 ·01	13
29	Sat.	24	12 ·87	22 ·96	9	29	Thur.	24	13 ·16	1 ·89	11	2	Wed.	25	1 ·94	7 ·08	14
30	Sun.	25	13 ·86	23 ·97	10	—30	Fri.	25	14 ·23	... ...	12	3	Thur.	26	2 ·96	8 ·14	15
—31	Mon	26	14 ·85	24 ·99	11	1	Sat.	26	P ·31	2 ·01	13	4	Fri.	27	3 ·95	9 ·17	16
1	Tues.	27	P ·88	... ...	12	2	Sun.	27	1 ·40	3 ·11	14	5	Sat.	28	4 ·93	10 ·18	17
2	Wed.	28	1 ·92	25 ·04	13	3	Mon.	28	2 ·49	4 ·22	15	6	Sun.	29	5 ·88	11 ·18	18
3	Thur.	29	2 ·98	26 ·11	14	4	Tues.	29	3 ·56	5 ·31	16	7	Mon.	30	6 ·83	12 ·16	19
4	Fri.	30	...	27 ·20	15	5	Wed.	30	4 ·62	6 ·39	17	8	Tues.	31	7 ·75	13 ·11	20
5	Sat.	31	3 ·05	1 ·30	16	6	Thur.	31	5 ·66	7 ·47	18						

Durmukha. **Karkataka—Ādi.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.**

Durmukha. **Simha—Āvani.** *Bahula.* **Bhādra.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.**

Durmukha. **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhād.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.**

Durmukha. **Tulā—Aippaśi.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.**

Durmukha. **Vṛiśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.**

Durmukha. **Dhanus—Mārgali.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.**

Durmukha. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1057. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·49.** **Śaka 979.** **Kaliyuga 4158.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·45.** **(S. Cycle) Hemalamba.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	8 ·66	14 ·06	21	9	Sat. 1	8 ·50	19 ·41	21	9	Thur. 1	10 ·18	26 ·91	23
10	Thur. 2	9 ·57	15 ·00 / 16 ·94	22	10	Sun. 2	9 ·41	20 ·35	22	10	Fri. 2	11 ·18	27 ·96	24
11	Fri. 3	10 ·47	17 ·87	23	11	Mon. 3	10 ·32	21 ·30	23	11	Sat. 3	12 ·20	... ...	25
12	Sat. 4	11 ·37	18 ·80	24	12	Tues. 4	11 ·25	22 ·26	24	12	Sun. 4	13 ·25	1 ·03	26
13	Sun. 5	12 ·27	19 ·73	25	13	Wed. 5	12 ·19	23 ·24	25	13	Mon. 5	14 ·30	2 ·11	27
14	Mon. 6	13 ·19	20 ·67	26	14	Thur. 6	13 ·16	24 ·23	26	14	Tues. 6	—A ·38	3 ·21	28
15	Tues. 7	14 ·11	21 ·64	27	15	Fri. 7	14 ·14	25 ·25	27	15	Wed. 7	1 ·47	4 ·31	—29
16	Wed. 8	A ·03 / 1 ·98	22 ·60	28	16	Sat. 8	—A ·15	26 ·28	H. 448 Ẓī-l-ḥijja. 28	16	Thur. 8	2 ·55	5 ·42	1
17	Thur. 9	2 ·95	23 ·59	—29	17	Sun. 9	1 ·17	27 ·34	29	17	Fri. 9	3 ·63	6 ·53	2
18	Fri. 10	3 ·94	24 ·59	1	18	Mon. 10	2 ·21	1 ·41	1	18	Sat. 10	4 ·69	7 ·62	3
19	Sat. 11	4 ·95	25 ·61	2	19	Tues. 11	3 ·27	2 ·50	2	19	Sun. 11	5 ·74	8 ·70	4
20	Sun. 12	5 ·96	26 ·65	3	20	Wed. 12	4 ·34	3 ·61	3	20	Mon. 12	6 ·77	9 ·75	5
21	Mon. 13	... ...	27 ·73	4	21	Thur. 13	5 ·43	4 ·72	4	21	Tues. 13	7 ·79	10 ·79	6
22	Tues. 14	6 ·01	1 ·81	5	22	Fri. 14	6 ·52	5 ·82	5	22	Wed. 14	8 ·77	11 ·80	7
23	Wed. 15	7 ·08	2 ·90	6	23	Sat. 15	7 ·60	6 ·92	6	23	Thur. 15	9 ·74	12 ·81	8
24	Thur. 16	8 ·15	... ...	7	24	Sun. 16	8 ·67	... ...	7	24	Fri. 16	10 ·69	13 ·78	9
25	Fri. 17	9 ·23	3 ·00	8	25	Mon. 17	9 ·72	7 ·00	8	25	Sat. 17	11 ·61	14 ·74	10
26	Sat. 18	10 ·32	4 ·11	9	26	Tues. 18	10 ·76	8 ·08	9	26	Sun. 18	12 ·53	15 ·69	11
27	Sun. 19	11 ·41	5 ·22	10	27	Wed. 19	11 ·76	9 ·13	10	27	Mon. 19	13 ·44	16 ·63	12
28	Mon. 20	12 ·49	6 ·32	11	28	Thur. 20	12 ·75	10 ·15	11	28	Tues. 20	14 ·34	17 ·57	13
—29	Tues. 21	13 ·54	7 ·39	12	29	Fri. 21	13 ·71	11 ·16	12	29	Wed. 21	P ·24	18 ·50	14
1	Wed. 22	14 ·58	8 ·45	13	—30	Sat. 22	14 ·67	12 ·14	13	30	Thur. 22	1 ·14	19 ·43	15
2	Thur. 23	P ·60	9 ·49	14	1	Sun.○ 23	P ·60	13 ·12	14	31	Fri. 23	2 ·04 / 3 ·95	20 ·36	16
3	Fri. 24	1 ·58	10 ·51	15	2	Mon. 24	1 ·53	14 ·08	15	—32	Sat. 24	4 ·86	21 ·30	17
4	Sat. 25	2 ·56	11 ·51	16	3	Tues. 25	2 ·44	15 ·02 / 16 ·95	16	1	Sun. 25	5 ·78	22 ·26	18
5	Sun. 26	3 ·51	12 ·49	17	4	Wed. 26	3 ·34	17 ·88	17	2	Mon. 26	6 ·72	23 ·23	19
6	Mon. 27	4 ·46	13 ·45	18	5	Thur. 27	4 ·24	18 ·81	18	3	Tues. 27	7 ·68	24 ·21	20
7	Tues. 28	5 ·38	14 ·40	19	6	Fri. 28	5 ·14	19 ·75	19	4	Wed. 28	8 ·67	25 ·21	21
8	Wed. 29	6 ·30	15 ·35	20	7	Sat. 29	6 ·04 / 7 ·95	20 ·69	20	5	Thur. 29	9 ·66	26 ·23	22
9	Thur. 30	7 ·20	16 ·28	21	8	Sun. 30	8 ·86	21 ·64	21	6	Fri. 30	10 ·69	27 ·28	23
10	Fri. 31	8 ·10	17 ·21	22	9	Mon. 31	9 ·78	22 ·59	22	7	Sat. 31	11 ·73	1 ·34	24
	Feb.					**April.**					**June.**			
11	Sat. 1	9 ·00 / 10 ·91	18 ·14	23	10	Tues. 1	10 ·78	23 ·56	23	8	Sun. 1	12 ·77	2 ·41	25
12	Sun. 2	11 ·82	19 ·07	24	11	Wed. 2	11 ·70	24 ·56	24	9	Mon. 2	13 ·85	3 ·51	26
13	Mon. 3	12 ·73	20 ·02 / 21 ·97	25	12	Thur. 3	12 ·68	25 ·57	25	10	Tues. 3	14 ·94	4 ·61	27
14	Tues. 4	13 ·66	22 ·93	26	13	Fri. 4	13 ·69	26 ·60	26	11	Wed. 4	... ...	5 ·72	28
15	Wed. 5	14 ·60	23 ·91	27	14	Sat. 5	14 ·72	27 ·65	27	12	Thur. 5	—A ·03	6 ·83	29
16	Thur. 6	—A ·57	24 ·91	28	15	Sun. 6	—A ·76	1 ·72	28	13	Fri. 6	1 ·10	7 ·92	—30
17	Fri. 7	1 ·55	25 ·92	29	16	Mon. 7	1 ·81	2 ·81	29	14	Sat. 7	2 ·17	... ...	1
18	Sat. 8	2 ·56	26 ·97	—30	17	Tues. 8	2 ·89	3 ·91	—30	15	Sun. 8	3 ·22	8 ·00	2
19	Sun. 9	3 ·59	... ...	1	18	Wed. 9	3 ·98	... ...	1	16	Mon. 9	4 ·26	9 ·06	3
20	Mon. 10	4 ·63	27 ·03	2	19	Thur. 10	... ..	4 ·02	2	17	Tues. 10	5 ·27	10 ·10	4
21	Tues. 11	5 ·69	1 ·11	3	20	Fri. 11	4 ·07	5 ·12	3	18	Wed. 11	6 ·25	11 ·13	5
22	Wed. 12	6 ·76	2 ·20	4	21	Sat. 12	5 ·14	6 ·22	4	19	Thur. 12	7 ·21	12 ·13	6
23	Thur. 13	7 ·85	3 ·30	5	22	Sun. 13	6 ·20	7 ·32	5	20	Fri. 13	8 ·16	13 ·11	7
24	Fri. 14	8 ·94	4 ·42	6	23	Mon. 14	7 ·26	8 ·39	6	21	Sat. 14	9 ·10	14 ·08	8
25	Sat. 15	... ...	5 ·52	7	24	Tues. 15	8 ·28	9 ·44	7	22	Sun. 15	10 ·01 / 11 ·91	15 ·03 / 16 ·98	9
26	Sun. 16	9 ·02	6 ·62	8	25	Wed. 16	9 ·30	10 ·47	8	23	Mon. 16	12 ·81	17 ·91	10
27	Mon. 17	10 ·10	7 ·70	9	26	Thur. 17	10 ·28	11 ·48	9	24	Tues. 17	13 ·71	18 ·84	11
28	Tues. 18	11 ·15	8 ·76	10	27	Fri. 18	11 ·24	12 ·47	10	25	Wed. 18	14 ·61	19 ·77	12
29	Wed. 19	12 ·19	9 ·81	11	28	Sat. 19	12 ·19	13 ·45	11	26	Thur. 19	P ·51	20 ·70	13
—30	Thur. 20	13 ·20	10 ·83	12	29	Sun. 20	13 ·12	14 ·41	12	27	Fri. 20	1 ·42	21 ·65	14
1	Fri. 21	14 ·19	11 ·83	13	30	Mon. 21	14 ·05 / P ·94	15 ·36	13	28	Sat. 21	2 ·33	22 ·60	15
2	Sat. 22	P ·16	12 ·81	14	31	Tues. 22	1 ·85	16 ·29	14	29	Sun. 22	3 ·26	23 ·56	16
3	Sun. 23	1 ·11	13 ·78	15	1	Wed. 23	2 ·75	17 ·22	15	30	Mon. 23	4 ·20	24 ·53	17
4	Mon. 24	2 ·05 / 3 ·97	14 ·74	16	2	Thur. 24	3 ·64	18 ·16	16	—31	Tues. 24	5 ·16	25 ·53	18
5	Tues. 25	4 ·88	15 ·68	17	3	Fri. 25	4 ·55	19 ·09	17	1	Wed. 25	6 ·14	26 ·54	19
6	Wed. 26	5 ·79	16 ·62	18	4	Sat. 26	5 ·46	20 ·03 / 21 ·97	18	2	Thur. 26	7 ·14	27 ·59	20
7	Thur. 27	6 ·70	17 ·55	19	5	Sun. 27	6 ·37	22 ·92	19	3	Fri. 27	8 ·16	1 ·64	21
8	Fri. 28	7 ·60	18 ·48	20	6	Mon. 28	7 ·29	23 ·90	20	4	Sat. 28	9 ·19	2 ·72	22
					7	Tues. 29	8 ·24	24 ·88	21	5	Sun. 29	10 ·25	3 ·81	23
					8	Wed. 30	9 ·20	25 ·89	22	6	Mon. 30	11 ·33	4 ·91	24

Durmukha. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** *Bahula.* *Śukla.* **Phālguna.** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.*

Durmukha. **Kumbha—Māśi.** *Bahula.* *Śukla.* **Phālguna.** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.*

Hemalamba. **Vṛish.—Vaigāśi.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.*

Durmukha. **Mīna—Panguni.** *Bahula.* *Śukla.* **Mēsha—Chittirai.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.*

Hemalamba. **Mēsha—Chittirai.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *Śukla.*

Hemalamba. **Vṛishabha—Vaigāśi.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.*

Hemalamba. **Mithuna—Āni.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.* **Kārtika.** *Bahula.* *Śukla.*

H. 448 *Shawwāl.* H. 448 *Ẓī-l-ka'da.* H. 448 *Ẓī-l-ḥijja.* H. 449 *Muharram.* H. 449 *Śafar.* H. 449 *Rabī-ul awwal.* H. 449 *Rabī-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1057. **Kollam 233,** { **N. Malabar—Aug.** **Hijra 449.** **Vikrama 1114.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Mar. 10.** **Bengal San. 463.**
P—Paurnimā. **(N. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Tues.	1	12 ·41	... ...	25	6	Mon.	1	—A ·77	11 ·09	28	7	Sat.	1	2 ·59	18 ·54	1
8	Wed.	2	13 ·49	5 ·03	26	7	Tues.	2	1 ·74	12 ·10	—29	8	Sun.	2	3 ·49	19 ·47	2
9	Thur.	3	14 ·57	6 ·18	27	8	Wed.	3	2 ·71	13 ·10	1	9	Mon.	3	4 ·39	20 ·40	3
10	Fri.	4	—A ·64	7 ·23	28	9	Thur.	4	3 ·64	14 ·08	2	10	Tues.	4	5 ·30	21 ·33	4
11	Sat.	5	1 ·71	8 ·31	—29					15 ·04		11	Wed.	5	6 ·21	22 ·28	5
12	Sun.	6	2 ·74	9 ·37	1	10	Fri.	5	4 ·57	16 ·99	3	12	Thur.	6	7 ·12	23 ·23	6
13	Mon.	7	3 ·74	10 ·43	2				*Sukla.*			13	Fri.	7	8 ·04	24 ·18	7
14	Tues.	8	4 ·73	11 ·45	3	11	Sat.	6	5 ·48	17 ·92	4				9 ·00		
15	Wed.	9	5 ·69	12 ·46	4	12	Sun.	7	6 ·38	18 ·86	5	14	Sat.	8	10 ·96	25 ·16	8
16	Thur.	10	6 ·64	13 ·44	5	13	Mon.	8	7 ·28	19 ·80	6						
17	Fri.	11	7 ·59	14 ·41	6	14	Tues.	9	8 ·18	20 ·72	7	15	Sun.	9	11 ·95	26 ·15	9
18	Sat.	12	8 ·51	15 ·37	7				9 ·08			16	Mon.	10	12 ·96	27 ·17	10
19	Sun.	13	9 ·42	16 ·31	8	15	Wed.	10	10 ·98	21 ·66	8	17	Tues.	11	13 ·99	1 ·20	11
20	Mon.	14	10 ·32	17 ·25	9	16	Thur.	11	11 ·90	22 ·60	9	18	Wed.	12	... ...	2 ·25	12
21	Tues.	15	11 ·22	18 ·18	10	17	Fri.	12	12 ·83	23 ·55	10	19	Thur.	13	14 ·03	3 ·33	13
22	Wed.	16	12 ·11	19 ·11	11	18	Sat.	13	13 ·79	24 ·53	11	20	Fri.	14	P ·09	4 ·41	14
			13 ·01	20 ·05		19	Sun.	14	14 ·75	25 ·51	12	21	Sat.	15	1 ·16	5 ·51	15
23	Thur.	17	14 ·92	21 ·99	12	20	Mon. ○	15	P ·72	26 ·51	13	22	Sun.	16	2 ·26	6 ·63	16
24	Fri.	18	P ·83	22 ·93	13	21	Tues.	16	1 ·73	27 ·53	14	23	Mon.	17	3 ·35	7 ·74	17
25	Sat.	19	1 ·76	23 ·89	14	22	Wed.	17	2 ·74	1 ·57	15	24	Tues.	18	4 ·43	8 ·83	18
26	Sun.	20	2 ·69	24 ·86	15	23	Thur.	18	3 ·79	2 ·64	16	25	Wed.	19	5 ·51	9 ·92	19
27	Mon.	21	3 ·66	25 ·85	16	24	Fri.	19	4 ·84	3 ·72	17	26	Thur.	20	6 ·56	10 ·99	20
28	Tues.	22	4 ·64	26 ·87	17	25	Sat.	20	5 ·92	4 ·81	18	27	Fri.	21	7 ·60	... ...	21
29	Wed.	23	5 ·63	27 ·90	18	26	Sun.	21	... ...	5 ·92	19	28	Sat.	22	8 ·62	11 ·04	22
30	Thur.	24	6 ·65	1 ·95	19	27	Mon.	22	6 ·00	...	20	29	Sun.	23	9 ·60	12 ·07	23
31	Fri.	25	7 ·69	... ...	20	28	Tues.	23	7 ·08	6 ·03	21	—30	Mon.	24	10 ·58	13 ·08	24
—32	Sat.	26	8 ·76	2 ·02	21	29	Wed.	24	8 ·17	7 ·14	22	1	Tues.	25	11 ·54	14 ·06	25
1	Sun.	27	9 ·83	3 ·11	22	—30	Thur.	25	9 ·24	8 ·23	23	2	Wed.	26	12 ·47	15 ·03	26
2	Mon.	28	10 ·90	4 ·22	23	1	Fri.	26	10 ·31	9 ·31	24					16 ·00	
3	Tues.	29	11 ·98	5 ·32	24	2	Sat.	27	11 ·34	10 ·37	25	3	Thur.	27	13 ·39	17 ·94	27
4	Wed.	30	... ...	6 ·43	25	3	Sun.	28	12 ·37	11 ·40	26	4	Fri.	28	14 ·31	18 ·88	28
5	Thur.	31	12 ·07	7 ·53	26	4	Mon.	29	13 ·35	12 ·42	27	5	Sat.	29	—A ·22	19 ·81	29
						5	Tues.	30	14 ·33	13 ·43	28	6	Sun.	30	1 ·12	20 ·74	—30
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	13 ·14	8 ·61	27	6	Wed.	1	—A ·29	14 ·41	29	7	Mon.	1	2 ·02	21 ·68	1
7	Sat.	2	14 ·19	9 ·69	28	7	Thur.	2	1 ·22	15 ·37	—30				3 ·93		
8	Sun.	3	—A ·23	10 ·74	29	8	Fri.	3	2 ·15	16 ·32	1	8	Tues.	2	4 ·84	22 ·62	2
9	Mon.	4	1 ·24	11 ·77	—30				3 ·06			9	Wed.	3	5 ·76	23 ·56	3
10	Tues.	5	2 ·23	12 ·78	1	9	Sat.	4	4 ·97	17 ·26	2	10	Thur.	4	6 ·70	24 ·52	4
11	Wed.	6	3 ·20	13 ·77	2	10	Sun.	5	5 ·87	18 ·20	3	11	Fri.	5	7 ·64	25 ·49	5
12	Thur.	7	4 ·17	14 ·75	3	11	Mon.	6	6 ·77	19 ·13	4	12	Sat.	6	8 ·61	26 ·48	6
13	Fri.	8	5 ·10	15 ·71	4	12	Tues.	7	7 ·67	20 ·06	5	13	Sun.	7	9 ·59	27 ·49	7
			6 ·02						*Sukla.*	21 ·00		14	Mon.	8	10 ·60	1 ·52	8
14	Sat.	9	7 ·93	16 ·65	5	13	Wed.	8	8 ·57	22 ·93	6	15	Tues.	9	11 ·63	2 ·56	9
15	Sun.	10	8 ·83	17 ·59	6	14	Thur.	9	9 ·50	23 ·89	7	16	Wed.	10	12 ·67	3 ·68	10
16	Mon.	11	9 ·73	18 ·52	7	15	Fri.	10	10 ·43	24 ·86	8	17	Thur.	11	13 ·74	4 ·72	11
17	Tues.	12	10 ·63	19 ·45	8	16	Sat.	11	11 ·37	25 ·83	9	18	Fri.	12	14 ·82	5 ·82	12
18	Wed.	13	11 ·53	20 ·39	9	17	Sun.	12	12 ·33	26 ·83	10	19	Sat.	13	P ·91	6 ·93	13
19	Thur.	14	12 ·43	21 ·32	10	18	Mon.	13	13 ·32	27 ·84	11	20	Sun.	14	... ...	... ...	14
20	Fri.	15	13 ·35	22 ·26	11	19	Tues.	14	14 ·33	1 ·89	12	21	Mon.	15	1 ·00	7 ·04	15
21	Sat.	16	14 ·28	23 ·22	12	20	Wed.	15	P ·34	2 ·95	13	22	Tues.	16	2 ·08	8 ·14	16
22	Sun.	17	P ·22	24 ·19	13	21	Thur.	16	1 ·39	... ...	14	23	Wed.	17	3 ·15	9 ·22	17
23	Mon.	18	1 ·18	25 ·18	14	22	Fri.	17	2 ·45	3 ·02	15	24	Thur.	18	4 ·21	10 ·31	18
24	Tues.	19	2 ·16	26 ·19	15	23	Sat.	18	3 ·53	4 ·11	16	25	Fri.	19	5 ·25	11 ·36	19
25	Wed.	20	3 ·17	27 ·21	16	24	Sun.	19	4 ·62	5 ·22	17	26	Sat.	20	6 ·26	12 ·39	20
26	Thur.	21	4 ·18	1 ·26	17	25	Mon.	20	5 ·71	6 ·33	18	27	Sun.	21	7 ·25	13 ·40	21
27	Fri.	22	5 ·23	2 ·33	18	26	Tues.	21	6 ·80	7 ·44	19	28	Mon.	22	8 ·23	14 ·39	22
28	Sat.	23	6 ·28	3 ·42	19	27	Wed.	22	7 ·86	8 ·53	20	—29	Tues.	23	9 ·19	15 ·38	23
29	Sun.	24	7 ·34	4 ·52	20	28	Thur.	23	8 ·92	9 ·61	21	1	Wed.	24	10 ·12	16 ·33	24
30	Mon.	25	8 ·43	5 ·62	21	29	Fri.	24	9 ·96	10 ·68	22	2	Thur.	25	11 ·04	17 ·28	25
—31	Tues.	26	9 ·52	6 ·73	22	—30	Sat.	25	10 ·97	11 ·72	23				12 ·95		
1	Wed.	27	10 ·60	7 ·83	23	1	Sun.	26	11 ·96	12 ·75	24	3	Fri.	26	13 ·85	18 ·22	26
2	Thur.	28	11 ·67	8 ·93	24	2	Mon.	27	12 ·95	13 ·75	25	4	Sat.	27	14 ·75	19 ·15	27
3	Fri.	29	12 ·73	... ...	25	3	Tues.	28	13 ·90	14 ·74	26	5	Sun.	28	—A ·66	20 ·09	28
4	Sat.	30	13 ·76	9 ·00	26	4	Wed.	29	14 ·85	15 ·70	27	6	Mon.	29	1 ·57	21 ·02	—29
5	Sun.	31	14 ·78	10 ·06	27	5	Thur.	30	—A ·77	16 ·66	28					22 ·95	
						6	Fri.	31	1 ·68	17 ·61	—29	7	Tues.	30	2 ·48	23 ·89	1
												8	Wed.	31	3 ·39	24 ·85	2

Hemalamba. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H. 449 Jamādā'l awwal.*

Hemalamba. **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H. 449 Jamādā'l ākhir.*

Hemalamba. **Kanyā—Puraṭṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *H. 449 Rajab.*

Hemalamba. **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H. 449 Śha'bān.*

Hemalamba. **Vṛśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H. 449 Ramaẓān.*

Hemalamba. **Dhanus—Mārgaḷi.** *Śukla.* **Pausha.** *Bahula.* *H. 449 Shawwāl.*

Hemalamba. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Asb. 21. U. Asb. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1058. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·75.** **Śaka 980.** **Kaliyuga 4159.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·71.** **(S. Cycle) Vilamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Thur.	1	*Śukla.* 4 ·33	25 ·81	3	9	Sun.	1	4 ·45	2 ·51	2	8	Fri.	1	*Śukla.* 6 ·89	8 ·64	4
10	Fri.	2	5 ·28	26 ·81	4	10	Mon.	2	5 ·48	3 ·56	3	9	Sat.	2	7 ·96	9 ·74	5
11	Sat.	3	6 ·25	27 ·81	5	11	Tues.	3	6 ·53	4 ·63	4	10	Sun.	3	... ...	10 ·84	6
12	Sun.	4	7 ·25	1 ·83	6	12	Wed.	4	7 ·60	5 ·72	5	11	Mon.	4	8 ·08	11 ·92	7
13	Mon.	5	8 ·25	2 ·87	7	13	Thur.	5	*Śukla.* 8 ·68	6 ·82	6	12	Tues.	5	9 ·07	12 ·97	8
14	Tues.	6	9 ·27	3 ·94	8	14	Fri.	6	9 ·77	7 ·94	7	13	Wed.	6	10 ·09	... ...	9
15	Wed.	7	10 ·32	... ...	9	15	Sat.	7	10 ·85	... ...	8	14	Thur.	7	11 ·10	13 ·01	10
16	Thur.	8	11 ·40	4 ·03	10	16	Sun.	8	11 ·92	8 ·04	9	15	Fri.	8	12 ·09	14 ·02	11
17	Fri.	9	12 ·48	5 ·12	11	17	Mon.	9	12 ·99	9 ·14	10	16	Sat.	9	13 ·06	15 ·02	12
18	Sat.	10	13 ·56	6 ·23	12	18	Tues.	10	... ...	10 ·22	11	17	Sun.	10	14 ·00	16 ·00	13
19	Sun.	11	14 ·64	7 ·33	13	19	Wed.	11	13 ·04	11 ·29	12				P ·93	17 ·96	
20	Mon.	12	P ·73	8 ·44	14	20	Thur.	12	14 ·07	12 ·34	13	18	Mon.	11	1 ·85	18 ·91	14
21	Tues.	13	1 ·80	9 ·54	15	21	Fri.	13	P ·07	13 ·37	14	19	Tues.	12	2 ·76	19 ·85	15
22	Wed.	14	2 ·86	10 ·61	16	22	Sat.	14	1 ·05	14 ·38	15	20	Wed.	13	3 ·66	20 ·78	16
23	Thur.	15	3 ·88	11 ·67	17	23	Sun.	15	2 ·03	15 ·36	16	21	Thur.	14	4 ·56	21 ·72	17
24	Fri.	16	4 ·89	12 ·71	18				3 ·97			22	Fri.	15	5 ·46	22 ·65	18
25	Sat.	17	5 ·88	13 ·72	19	24	Mon.	16	4 ·90	16 ·33	17	23	Sat.	16	6 ·35	23 ·58	19
26	Sun.	18	6 ·86	14 ·73	20	25	Tues.	17	5 ·82	17 ·30	18	24	Sun.	17	7 ·26	24 ·52	20
27	Mon.	19	7 ·81	15 ·71	21	26	Wed.	18	6 ·73	18 ·24	19	25	Mon.	18	8 ·17	25 ·47	21
28	Tues.	20	8 ·74	16 ·67	22	27	Thur.	19	7 ·64	19 ·17	20	26	Tues.	19	9 ·10	26 ·45	22
29	Wed.	21	9 ·66	17 ·62	23	28	Fri.	20	8 ·54	20 ·10	21	27	Wed.	20	10 ·04	27 ·43	23
30	Thur.	22	10 ·58	18 ·59	24					21 ·03					11 ·01		
1	Fri.	23	11 ·48	19 ·46	25	29	Sat.	21	9 ·44	22 ·96	22	28	Thur.	21	12 ·99	1 ·43	24
2	Sat.	24	12 ·38	20 ·43	26	30	Sun.	22	10 ·34	23 ·91	23	29	Fri.	22	... ...	2 ·45	25
3	Sun.	25	13 ·28	21 ·36	27	31	Mon.	23	11 ·25	24 ·86	24	30	Sat.	23	13 ·00	3 ·49	26
4	Mon.	26	14 ·18	22 ·29	28	1	Tues.	24	12 ·16	25 ·81	25	31	Sun.	24	14 ·01	4 ·56	27
5	Tues.	27	A ·08	23 ·23	29	2	Wed.	25	13 ·09	26 ·78	26	1	Mon.	25	A ·05	5 ·63	28
6	Wed.	28	1 ·02	24 ·18	30	3	Thur.	26	14 ·04	27 ·77	27	2	Tues.	26	1 ·12	6 ·73	29
			2 ·95						A ·00			3	Wed.	27	2 ·19	7 ·83	30
7	Thur.	29	3 ·90	25 ·15	1	4	Fri.	27	1 ·99	1 ·79	28	4	Thur.	28	3 ·28	8 ·94	1
8	Fri.	30	4 ·87	26 ·13	2	5	Sat.	28	2 ·99	2 ·82	29	5	Fri.	29	*Śukla.* 4 ·36	... ...	2
9	Sat.	31	5 ·85	27 ·13	3	6	Sun.	29	... ...	3 ·87	30	6	Sat.	30	5 ·43	9 ·04	3
						7	Mon.	30	3 ·08	4 ·94	1	7	Sun.	31	6 ·50	10 ·15	4
						8	Tues.	31	4 ·07	... ...	2						
		Feb.						**April.**						**June.**			
10	Sun.	1	*Śukla.* 6 ·86	1 ·15	4	9	Wed.	1	5 ·13	5 ·02	3	8	Mon.	1	7 ·54	11 ·22	5
11	Mon.	2	7 ·90	2 ·18	5	10	Thur.	2	*Śukla.* 6 ·22	6 ·13	4	9	Tues.	2	8 ·57	12 ·28	6
12	Tues.	3	8 ·95	3 ·25	6	11	Fri.	3	7 ·30	7 ·24	5	10	Wed.	3	9 ·58	13 ·32	7
13	Wed.	4	... ...	4 ·33	7	12	Sat.	4	8 ·38	8 ·34	6	11	Thur.	4	10 ·57	14 ·34	8
14	Thur.	5	9 ·01	5 ·42	8	13	Sun.	5	9 ·46	9 ·44	7	12	Fri.	5	11 ·54	15 ·35	9
15	Fri.	6	10 ·10	6 ·52	9	14	Mon.	6	10 ·54	10 ·53	8	13	Sat.	6	12 ·48	16 ·33	10
16	Sat.	7	11 ·18	7 ·63	10	15	Tues.	7	11 ·58	11 ·61	9	14	Sun.	7	13 ·41	17 ·30	11
17	Sun.	8	12 ·26	8 ·74	11	16	Wed.	8	12 ·61	12 ·66	10	15	Mon.	8	14 ·34	18 ·25	12
18	Mon.	9	13 ·34	9 ·84	12	17	Thur.	9	13 ·61	13 ·69	11	16	Tues.	9	P ·24	19 ·19	13
19	Tues.	10	14 ·41	10 ·92	13	18	Fri.	10	14 ·59	14 ·70	12	17	Wed.	10	1 ·14	20 ·13	14
20	Wed.	11	P ·47	11 ·98	14	19	Sat.	11	P ·56	15 ·69	13				2 ·04	21 ·06	
21	Thur.	12	1 ·50	... ...	15	20	Sun.	12	1 50	16 ·67	14	18	Thur.	11	3 ·94	22 ·99	15
22	Fri.	13	2 ·51	12 ·02	16	21	Mon.	13	2 ·44	17 ·63	15	19	Fri.	12	4 ·84	23 ·92	16
23	Sat.	14	3 ·49	13 ·05	17	22	Tues.	14	3 ·36	18 ·58	16	20	Sat.	13	5 ·74	24 ·86	17
24	Sun.	15	4 ·46	14 ·05	18	23	Wed.	15	4 ·26	19 ·51	17	21	Sun.	14	*Bahula.* 6 ·65	25 ·82	18
25	Mon.	16	5 ·40	15 ·03	19	24	Thur.	16	5 ·16	20 ·44	18	22	Mon.	15	7 ·58	26 ·78	19
				16 ·00					6 ·06			23	Tues.	16	8 ·52	27 ·75	20
26	Tues.	17	6 ·34	17 ·95	20	25	Fri.	17	7 ·96	21 ·37	19	24	Wed.	17	9 ·49	1 ·75	21
27	Wed.	18	7 ·26	18 ·89	21	26	Sat.	18	*Bahula.* 8 ·86	22 ·31	20	25	Thur.	18	10 ·46	2 ·76	22
28	Thur.	19	8 ·17	19 ·84	22	27	Sun.	19	9 ·76	23 ·25	21	26	Fri.	19	11 ·47	3 ·81	23
			9 ·08			28	Mon.	20	10 ·67	24 ·19	22	27	Sat.	20	12 ·49	4 ·86	24
29	Fri.	20	10 ·98	20 ·77	23	29	Tues.	21	11 ·61	25 ·14	23	28	Sun.	21	13 ·53	5 ·94	25
1	Sat.	21	11 ·88	21 ·69	24	30	Wed.	22	12 ·56	26 ·11	24	29	Mon.	22	14 ·58	... ..	26
2	Sun.	22	12 ·78	22 ·63	25	31	Thur.	23	13 ·51	27 ·10	25	30	Tues.	23	A ·66	6 ·03	27
3	Mon.	23	13 ·69	23 ·56	26	1	Fri.	24	14 ·50	1 ·11	26	31	Wed.	24	1 ·75	7 ·13	28
4	Tues.	24	14 ·61	24 ·52	27	2	Sat.	25	A ·50	2 ·13	27	32	Thur.	25	2 ·88	8 ·24	29
5	Wed.	25	A ·54	25 ·48	28	3	Sun.	26	1 ·54	3 ·18	28	1	Fri.	26	*Śukla.* 3 ·90	9 ·35	1
6	Thur.	26	1 ·50	26 ·46	29	4	Mon.	27	2 ·58	4 ·24	29	2	Sat.	27	4 ·97	10 ·45	2
7	Fri.	27	2 ·46	27 ·45	30	5	Tues.	28	*Śukla* 3 ·64	5 ·33	1	3	Sun.	28	... ...	11 ·53	3
8	Sat.	28	3 ·45	1 ·46	1	6	Wed.	29	4 ·71	6 ·48	2	4	Mon.	29	5 ·02	12 ·59	4
						7	Thur.	30	5 ·80	7 ·58	3	5	Tues.	30	6 ·05	13 ·64	5

Hemalamba. **Makara—Tai.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.*

Hemalamba. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.*

Hemalamba. **Mina—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.*

Vilamba. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.*

Vilamba. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.*

Vilamba. **Mithuna—Āni.** *Śukla.* **Nija Jyeshtha.** *Bahula.*

H. 449 *Zil-ḥijja.* *H.* 450 *Muharram.* *H.* 450 *Ṣafar.* *H.* 450 *Rabi-ul awwal.* *H.* 450 *Rabi-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1058. **Kollam 234,** {**N. Malabar—Aug.** **Hijra 450.** **Vikrama 1115.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **Feb. 28.** **Bengal San. 464.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Wed.	1	7 ·07	14 ·67	6	6	Tues.	1	11 ·57	21 ·07	9	6	Sun.	1	13 ·28	1 ·38	11
7	Thur.	2	8 ·05	15 ·68	7	7	Wed.	2	12 ·47	22 ·00 / 23 ·94	10	7	Mon.	2	14 ·25	2 ·37	12
8	Fri.	3	9 ·01 / 10 ·96	16 ·66	8	8	Thur.	3	13 ·37	24 ·88	11	8	Tues.	3	P ·23	3 ·38	13
9	Sat.	4	11 ·90	17 ·63	9	9	Fri.	4	14 ·28	25 ·82	12	9	Wed.	4	1 ·25	4 ·42	14
10	Sun.	5	12 ·84	18 ·58	10	10	Sat.	5	P ·20	26 ·77	13	10	Thur.	5	2 ·27	5 ·47	15
11	Mon.	6	13 ·75	19 ·53	11	11	Sun.	6	1 ·14	27 ·74	14	11	Fri.	6	3 ·32	6 ·55	16
12	Tues.	7	14 ·65	20 ·47	12	12	Mon.	7	2 ·08	1 ·73	15	12	Sat.	7	4 ·38	7 ·64	17
13	Wed.	8	P ·54	21 ·40	13	13	Tues.	8	3 ·03	2 ·73	16	13	Sun.	8	5 ·46	8 ·74	18
14	Thur.	9	1 ·44	22 ·33	14	14	Wed.	9	4 ·02	3 ·75	17	14	Mon.	9	6 ·54	9 ·85	19
15	Fri.	10	2 ·34	23 ·26	15	15	Thur.	10	5 ·01	4 ·79	18	15	Tues.	10	7 ·63	10 ·96	20
16	Sat.	11	3 ·25	24 ·20	16	16	Fri.	11	6 ·04	5 ·85	19	16	Wed.	11	8 ·73	... ...	21
17	Sun.	12	4 ·16	25 ·15	17	17	Sat.	12	7 ·10	6 ·94	20	17	Thur.	12	9 ·80	11 ·06	22
18	Mon.	18	5 ·08	26 ·11	18	18	Sun.	13	8 ·16	... ...	21	18	Fri.	13	10 ·85	12 ·14	23
19	Tues.	14	6 ·01 / 7 ·97	27 ·08	19	19	Mon.	14	9 ·23	7 ·04	22	19	Sat.	14	11 ·88	13 ·21	24
20	Wed.	15	8 ·95	1 ·07	20	20	Tues.	15	10 ·32	8 ·14	23	20	Sun.	15	12 ·90	14 ·25	25
21	Thur.	16	9 ·96	2 ·07	21	21	Wed.	16	11 ·40	9 ·25	24	21	Mon.	16	13 ·89	15 ·29	26
22	Fri.	17	10 ·96	3 ·12	22	22	Thur.	17	12 ·48	10 ·35	25	22	Tues.	17	14 ·86	16 ·30	27
23	Sat.	18	... ...	4 ·17	23	23	Fri.	18	13 ·56	11 ·45	26	23	Wed.	18	—A ·82	17 ·28	28
24	Sun.	19	11 ·01	5 ·24	24	24	Sat.	19	14 ·61	12 ·53	27	24	Thur.	19	1 ·75	18 ·29	29
25	Mon.	20	12 ·07	6 ·33	25	25	Sun.	20	—A ·64	13 ·59	28	25	Fri.	20	2 ·68	19 ·21	—30
26	Tues.	21	13 ·16	7 ·43	26	26	Mon.	21	1 ·66	14 ·63	29	26	Sat.	21	3 ·59	20 ·16	1
27	Wed.	22	14 ·24	8 ·54	27	27	Tues.	22	2 ·65	15 ·64	—30	27	Sun.	22	4 ·50	21 ·10	2
28	Thur.	23	—A ·32	9 ·65	28	28	Wed.	23	3 ·62	16 ·65	1	28	Mon.	23	5 ·40	22 ·03 / 23 ·96	3
29	Fri.	24	1 ·39	10 ·75	29	29	Thur.	24	4 ·57	17 ·63	2	—29	Tues.	24	6 ·30	24 ·89	4
30	Sat.	25	2 ·46	11 ·83	—30	30	Fri.	25	5 ·51	18 ·59	3	1	Wed.	25	7 ·21	25 ·84	5
—31	Sun.	26	3 ·51	12 ·90	1	—31	Sat.	26	6 ·44	19 ·54	4	2	Thur.	26	8 ·12	26 ·78	6
1	Mon.	27	4 ·54	13 ·96	2	1	Sun.	27	7 ·35	20 ·48	5	3	Fri.	27	9 ·04 / 10 ·97	27 ·74	7
2	Tues.	28	5 ·57	14 ·99	3	2	Mon.	28	8 ·25	21 ·41	6	4	Sat.	28	11 ·93	1 ·71	8
3	Wed.	29	6 ·55	... ...	4	3	Tues.	29	9 ·15	22 ·35	7	5	Sun.	29	12 ·89	2 ·69	9
4	Thur.	30	7 ·52	15 ·00 / 16 ·99	5	4	Wed.	30	10 ·05 / 11 ·95	23 ·28	8	6	Mon.	30	13 ·87	3 ·71	10
5	Fri.	31	8 ·47	17 ·96	6												
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	9 ·40	18 ·92	7	5	Thur.	1	12 ·87	24 ·21	9	7	Tues.	1	14 ·89	4 ·74	11
7	Sun.	2	10 ·33	19 ·87	8	6	Fri.	2	13 ·78	25 ·15	10	8	Wed.	2	P ·91	5 ·78	12
8	Mon.	3	11 ·23	20 ·81		7	Sat.	3	14 ·72	26 ·10	11	9	Thur.	3	1 ·97	6 ·85	13
9	Tues.	4	12 ·13	21 ·74	9	8	Sun.	4	P ·66	27 ·07	12	10	Fri.	4	... ...	7 ·94	14
10	Wed.	5	13 ·03 / 14 ·93	22 ·67	10	9	Mon.	5	1 ·62	1 ·05	13	11	Sat.	5	2 ·04	... ...	15
11	Thur.	6	P ·83	23 ·61	12	10	Tues.	6	2 ·61	2 ·05	14	12	Sun.	6	3 ·12	8 ·03	16
12	Fri.	7	1 ·74	24 ·54	13	11	Wed.	7	3 ·61	3 ·06	15	13	Mon.	7	4 ·20	9 ·15	17
13	Sat.	8	2 ·66	25 ·48	14	12	Thur.	8	4 ·64	4 ·10	16	14	Tues.	8	5 ·28	10 ·26	18
14	Sun.	9	3 ·59	26 ·44	15	13	Fri.	9	5 ·69	5 ·17	17	15	Wed.	9	6 ·36	11 ·36	19
15	Mon.	10	4 ·53	27 ·41	16	14	Sat.	10	6 ·76	6 ·24	18	16	Thur.	10	7 ·44	12 ·44	20
16	Tues.	11	5 ·48	1 ·39	17	15	Sun.	11	7 ·83	7 ·34	19	17	Fri.	11	8 ·50	13 ·52	21
17	Wed.	12	6 ·47	2 ·41	18	16	Mon.	12	8 ·91	8 ·44	20	18	Sat.	12	9 ·53	14 ·58	22
18	Thur.	13	7 ·47	3 ·43	19	17	Tues.	13	... ...	9 ·54	21	19	Sun.	13	10 ·55	15 ·61	23
19	Fri.	14	8 ·49	4 ·48	20	18	Wed.	14	9 ·00	10 ·66	22	20	Mon.	14	11 ·53	16 ·62	24
20	Sat.	15	9 ·53	5 ·55	21	19	Thur.	15	10 ·09	11 ·75	23	21	Tues.	15	12 ·50	17 ·61	25
21	Sun.	16	10 ·58	6 ·63	22	20	Fri.	16	11 ·16	12 ·83	24	22	Wed.	16	13 ·46	18 ·59	26
22	Mon.	17	11 ·67	7 ·74	23	21	Sat.	17	12 ·21	13 ·90	25	23	Thur.	17	14 ·40	19 ·55	27
23	Tues.	18	12 ·76	8 ·84	24	22	Sun.	18	13 ·24	14 ·94	26	24	Fri.	18	—A ·33	20 ·50	28
24	Wed.	19	13 ·84	9 ·95	25	23	Mon.	19	14 ·26	15 ·96	27	25	Sat.	19	1 ·24	21 ·44	—29
25	Thur.	20	14 ·92	... ...	26	24	Tues.	20	—A ·26	16 ·97	28	26	Sun.	20	2 ·14	22 ·37	1
26	Fri.	21	...	10 ·05	27	25	Wed.	21	1 ·23	17 ·96	—29	27	Mon.	21	3 ·04 / 4 ·94	23 ·30	2
27	Sat. ●	22	—A ·00	11 ·14	28	26	Thur.	22	2 ·18	18 ·92	1	28	Tues.	22	5 ·84	24 ·24	3
28	Sun.	23	1 ·04	12 ·22	—29	27	Fri.	23	3 ·12	19 ·88	2	—29	Wed.	23	6 ·75	25 ·17	4
29	Mon.	24	2 ·07		1	28	Sat.	24	4 ·05 / 5 ·96	20 ·82	3	1	Thur.	24	7 ·69	26 ·11	5
30	Tues.	25	3 ·10	13 ·27	2	29	Sun.	25	6 ·87	21 ·76	4	2	Fri.	25	8 ·62	27 ·07	6
—31	Wed.	26	4 ·08	14 ·31	3	—30	Mon.	26	7 ·77	22 ·69	5	3	Sat.	26	9 ·58	1 ·03	7
1	Thur.	27	5 ·06	15 ·32	4	1	Tues.	27	8 ·67	23 ·62	6	4	Sun.	27	10 ·52	2 ·02	8
2	Fri.	28	6 ·00 / 7 ·94	16 ·31	5	2	Wed.	28	9 ·58	24 ·55	7	5	Mon.	28	11 ·51	3 ·03	9
3	Sat.	29	8 ·86	18 ·26	6	3	Thur.	29	10 ·49	25 ·49	8	6	Tues.	29	12 ·52	4 ·05	10
4	Sun.	30	9 ·78	19 ·21	7	4	Fri.	30	11 ·40	26 ·45	9	7	Wed.	30	13 ·55	5 ·09	11
5	Mon.	31	10 ·67	20 ·14	8	5	Sat.	31	12 ·33	27 ·40	10	8	Thur.	31	14 ·60	6 ·16	12

Vilamba. **Kan.—Pur.** | *Vilamba.* **Simha—Āvaṇ.** | *Vilamba.* **Karkataka—Āḍi.** | *Vilamba.* **Kanyā—Purattāśi.** | *Vilamba.* **Tulā—Aippaśi.** | *Vilamba.* **Kārt.** | *Vilamba.* **Makara—Tai.** | *Vilamba.* **Dhanus—Mārgali.** | *Vilamba.* **Vṛiśchika—Kārttigai.**

Śukla. **Āshāḍha.** | *Bahula.* **Śrāvaṇa.** | *Śukla.* **Bhādrapada.** | *Bahula.* **Āśvina.** | *Śukla.* **Mārgaśirsha.** | *Bahula.* **Pausha.** | *Śukla.* **Māgha.** | *Bahula.* **Phālguna.** | *Śukla.* **Chaitra.** | *Bahula.* **Vaiśākha.** | *Śukla.* **Jyaishṭha.**

H. 450 *Jamāda'l awwal.* | H. 450 *Jamāda'l ākhir.* | H. 450 *Rajab.* | H. 450 *Sha'bān.* | H. 450 *Ramażān.* | H. 450 *Shawwāl.* | H. 450 *Zi-l-ka'da.* | H. 450 *Zi-l-ḥijja.* | H. 451 *Muḥarram.* | H. 451 *Ṣafar.* | H. 451 *Rabī' I.* | H. 451 *Rabī' II.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1059. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·01.** **Śaka 981.** **Kaliyuga 4160.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·97.** **(S. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Fri.	1	P ·67	7 ·24	13	8	Mon.	1	14 ·16	11 ·26	13	8	Sat.	1	1 ·41	17 ·24	15
10	Sat.	2	1 ·76	8 ·34	14	9	Tues.	2	P ·24	12 ·36	14	9	Sun.	2	2 ·38	18 ·24	16
11	Sun.	3	2 ·85	9 ·45	15	10	Wed.	3	1 ·30	13 ·45	15	10	Mon.	3	3 ·32	19 ·21	17
12	Mon.	4	3 ·95	10 ·55	16	11	Thur.	4	2 ·35	14 ·51	16	11	Tues.	4	4 ·24	20 ·18	18
13	Tues.	5	... ...	11 ·66	17	12	Fri.	5	3 ·38	15 ·56	17	12	Wed.	5	5 ·16	21 ·13	19
14	Wed.	6	4 ·03	12 ·75	18	13	Sat.	6	4 ·38	16 ·59	18	13	Thur.	6	6 ·06	22 ·07	20
15	Thur.	7	5 ·10	13 ·83	19	14	Sun.	7	5 ·37	17 ·60	19				7 ·96		
16	Fri.	8	6 ·15	14 ·89	20	15	Mon.	8	6 ·33	18 ·59	20	14	Fri.	7	8 ·86	23 ·00	21
17	Sat.	9	7 ·17	15 ·93	21	16	Tues.	9	7 ·28	19 ·55	21					24 ·93	
18	Sun.	10	8 ·19	16 ·94	22	17	Wed.	10	8 ·21	20 ·51	22	15	Sat.	8	9 ·76	25 ·87	22
19	Mon.	11	9 ·17	17 ·94	23	18	Thur.	11	9 ·13	21 ·45	23	16	Sun.	9	10 ·66	26 ·80	23
20	Tues.	12	10 ·15	18 ·92	24	19	Fri.	12	10 ·03	22 ·39	24	17	Mon.	10	11 ·57	27 ·74	24
21	Wed.	13	11 ·09	19 ·89	25				11 ·93			18	Tues.	11	12 ·49	1 ·69	25
22	Thur.	14	12 ·03	20 ·84	26	20	Sat.	13	12 ·83	23 ·32	25	19	Wed.	12	13 ·42	2 ·66	26
			13 ·95			21	Sun.	14	13 ·73	24 ·25	26	20	Thur.	13	14 ·37	3 ·65	27
23	Fri.	15	14 ·86	21 ·77	27	22	Mon.	15	14 ·63	25 ·18	27	21	Fri.	14	—A ·33	4 ·65	28
24	Sat.	16	—A ·77	22 ·71	28	23	Tues.	16	—A ·54	26 ·12	28	22	Sat.	15	1 ·32	5 ·67	29
25	Sun.	17	1 ·67	23 ·65	29	24	Wed.	17	1 ·46	27 ·07	29	23	Sun.	16	2 ·31	6 ·71	—30
26	Mon.	18	2 ·57	24 ·58	—30	25	Thur.	18	2 ·39	1 ·03	—30	24	Mon.	17	3 ·34	7 ·77	1
27	Tues.	19	3 ·47	25 ·51	1					2 ·00		25	Tues.	18	4 ·39	8 ·85	2
28	Wed.	20	4 ·38	26 ·45	2	26	Fri.	19	3 ·35	3 ·99	1	26	Wed.	19	5 ·44	9 ·95	3
29	Thur.	21	5 ·31	27 ·40	3	27	Sat.	20	4 ·32	... ...	2	27	Thur.	20	6 ·52	... ...	4
—30	Fri.	22	6 ·24	1 ·36	4	28	Sun.	21	5 ·30	4 ·00	3	28	Fri.	21	7 ·61	10 ·05	5
1	Sat.	23	7 ·20	2 ·35	5	29	Mon.	22	6 ·31	5 ·04	4	29	Sat.	22	8 ·70	11 ·16	6
2	Sun.	24	8 ·16	3 ·35	6	—30	Tues.	23	7 ·35	6 ·09	5	30	Sun.	23	9 ·76	12 ·26	7
3	Mon.	25	9 ·15	4 ·37	7	1	Wed.	24	8 ·40	7 ·16	6	—31	Mon.	24	10 ·82	13 ·36	8
4	Tues.	26	10 ·16	5 ·40	8	2	Thur.	25	9 ·47	8 ·24	7	1	Tues.	25	11 ·88	14 ·44	9
5	Wed.	27	11 ·20	6 ·46	9	3	Fri.	26	10 ·54	9 ·34	8	2	Wed.	26	12 ·90	15 ·50	10
6	Thur.	28	12 ·25	7 ·55	10	4	Sat.	27	11 ·62	10 ·46	9	3	Thur.	27	13 ·91	16 ·54	11
7	Fri.	29	13 ·32	8 ·64	11	5	Sun.	28	12 ·71	11 ·56	10	4	Fri.	28	14 ·89	17 ·56	12
8	Sat.	30	14 ·39	9 ·75	12	6	Mon.	29	13 ·78	12 ·66	11	5	Sat.	29	P ·86	18 ·56	13
9	Sun. ○	31	P ·47	10 ·85	13	7	Tues.	30	14 ·84	13 ·75	12	6	Sun.	30	1 ·80	19 ·55	14
						8	Wed.	31	P ·89	14 ·82	13	7	Mon.	31	2 ·73	20 ·51	15
		Feb.						**April.**						**June.**			
10	Mon.	1	1 ·56	11 ·96	14	9	Thur.	1	1 ·92	15 ·87	14	8	Tues.	1	3 ·64	21 ·47	16
11	Tues.	2	2 ·64	... ...	15	10	Fri.	2	2 ·92	16 ·91	15	9	Wed.	2	4 ·55	22 ·41	17
12	Wed.	3	3 ·72	12 ·06	16	11	Sat.	3	3 ·91	17 ·92	16	10	Thur.	3	5 ·46	23 ·34	18
13	Thur	4	4 ·77	13 ·14	17	12	Sun.	4	4 ·87	18 ·91	17	11	Fri.	4	6 ·36	24 ·28	19
14	Fri.	5	5 ·80	14 ·20	18	13	Mon.	5	5 ·81	19 ·88	18	12	Sat.	5	7 ·26	25 ·21	20
15	Sat.	6	6 ·80	15 ·24	19	14	Tues.	6	6 ·74	20 ·84	19	13	Sun.	6	8 ·16	26 ·14	21
16	Sun.	7	7 ·78	16 ·26	20	15	Wed.	7	7 ·66	21 ·79	20				9 ·06		
17	Mon.	8	8 ·75	17 ·27	21	16	Thur.	8	8 ·57	22 ·73	21	14	Mon.	7	10 ·97	27 ·08	22
18	Tues.	9	9 ·69	18 ·25	22	17	Fri.	9	9 ·47	23 ·66	22	15	Tues.	8	11 ·89	1 ·03	23
19	Wed.	10	10 ·63	19 ·22	23	18	Sat.	10	10 ·37	24 ·59	23					2 ·00	
20	Thur.	11	11 ·56	20 ·17	24	19	Sun.	11	11 ·27	25 ·52	24	16	Wed.	9	12 ·85	3 ·97	24
21	Fri.	12	12 ·47	21 ·11	25	20	Mon.	12	12 ·17	26 ·47	25	17	Thur.	10	13 ·81	4 ·97	25
22	Sat.	13	13 ·37	22 ·05	26	21	Tues.	13	13 ·07	27 ·41	26	18	Fri.	11	14 ·79	5 ·98	26
				23 ·98					14 ·99			19	Sat.	12	—A ·79	... ...	27
23	Sun.	14	14 ·27	24 ·91	27	22	Wed.	14	—A ·91	1 ·36	27	20	Sun.	13	1 ·82	6 ·02	28
24	Mon. ●	15	—A ·17	25 ·85	28	23	Thur.	15	1 ·87	2 ·33	28	21	Mon.	14	2 ·86	7 ·07	—29
25	Tues.	16	1 ·07	26 ·78	—29	24	Fri.	16	2 ·84	3 ·31	—29	22	Tues.	15	3 ·93	8 ·16	1
			2 ·98			25	Sat.	17	3 ·82	4 ·33	1	23	Wed.	16	... ...	9 ·25	2
26	Wed.	17	3 ·90	27 ·73	1	26	Sun.	18	4 ·83	5 ·35	2	24	Thur.	17	4 ·01	10 ·35	3
27	Thur.	18	4 ·84	1 ·70	2	27	Mon.	19	5 ·86	6 ·40	3	25	Fri.	18	5 ·09	11 ·46	4
28	Fri.	19	5 ·79	2 ·68	3	28	Tues.	20	6 ·91	7 ·46	4	26	Sat.	19	6 ·17	12 ·56	5
29	Sat.	20	6 ·78	3 ·67	4	29	Wed.	21	7 ·97	8 ·54	5	27	Sun.	20	7 ·24	13 ·67	6
—30	Sun.	21	7 ·74	4 ·68	5	30	Thur.	22	... ...	9 ·65	6	28	Mon.	21	8 ·31	14 ·75	7
1	Mon.	22	8 ·75	5 ·71	6	—31	Fri.	23	8 ·05	10 ·76	7	29	Tues.	22	9 ·35	15 ·81	8
2	Tues.	23	9 ·79	6 ·78	7	1	Sat.	24	9 ·13	11 ·86	8	30	Wed.	23	10 ·38	16 ·86	9
3	Wed.	24	10 ·84	7 ·85	8	2	Sun.	25	10 ·21	12 ·96	9	31	Thur.	24	11 ·39	17 ·88	10
4	Thur.	25	11 ·92	8 ·94	9	3	Mon.	26	11 ·30	... ...	10	—32	Fri.	25	12 ·36	18 ·90	11
5	Fri.	26	... ...	... ...	10	4	Tues.	27	12 ·36	13 ·05	11	1	Sat.	26	13 ·33	19 ·88	12
6	Sat.	27	12 ·00	9 ·04	11	5	Wed.	28	13 ·41	14 ·13	12	2	Sun.	27	14 ·28	20 ·85	13
7	Sun	28	13 ·08	10 ·15	12	6	Thur.	29	14 ·42	15 ·19	13	3	Mon.	28	P ·22	21 ·80	14
						7	Fri.	30	P ·43	16 ·23	14	4	Tues.	29	1 ·13	22 ·74	15
												5	Wed.	30	2 ·04	23 ·69	16
															3 ·94		

Vilamba. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** **P** ·47 — *Bahula.* **Kumbha—Māśi.** *Sukla.* **Phālguna.** ... ... — *Vilamba.* **Mīna—Pāguni.** *Bahula.* **Phālguna.** **P** ·24 — *Sukla.* **Chaitra.** **P** ·89 — *Vikārin.* **Mēsha—Chittirai.** *Bahula.* **Chaitra.** 13 ·07 / 14 ·99 — *Sukla.* **Vaiśākha.** ... ... — *Vikārin.* **Vrishabha—Vaigāśi.** *Bahula.* **Vaiśak.** 6 ·06 / 7 ·96 — *Sukla.* **Jyeshtha.** 2 ·73 — *Vikārin.* **Mithuna—Āni.** *Bahula.* **Jyeshtha.** 9 ·06 / 10 ·97 — *Sukla.* **Āshādha.** 2 ·04 / 3 ·94

H. 450 *Zi-l-ka'da.* — H. 450 *Zi-l-hijja.* — H. 451 *Muharram.* — H. 451 *Muharram.* — H. 451 *Safar.* — H. 451 *Rabi-ul awwal.* — H. 451 *Rabi-ul awwal.* — H. 451 *Rabi-ul ākhir.* — H. 451 *Jumāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1059. **Kollam 235,** { **N. Malabar—Aug.** **Hijra 451.** **Vikrama 1116.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 17.** **Bengal San. 465.**
P—Paurnimā. **(N. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Thur.	1	Āsh. 4 ·84	24 ·62	17		Wed.	1	7 ·34	5 ·95	20		Mon.	1	9 ·76	11 ·96	22
	Fri.	2	5 ·74	25 ·55	18		Thur.	2	8 ·32	6 ·97	21		Tues.	2	10 ·84	... ...	23
	Sat.	3	6 ·64	26 ·48	19		Fri.	3	9 ·32	... ...	22		Wed.	3	Śukla. 11 ·93	12 ·06	24
	Sun.	4	7 ·55	27 ·41	20		Sat.	4	Bahula. 10 ·35	7 ·01	23		Thur.	4	... ...	13 ·17	25
	Mon.	5	8 ·46	1 ·36	21		Sun.	5	11 ·40	8 ·07	24		Fri.	5	12 ·02	14 ·28	26
	Tues.	6	9 ·38	2 ·33	22		Mon.	6	12 ·45	9 ·15	25		Sat.	6	13 ·09	15 ·36	27
	Wed.	7	10 ·33	3 ·30	23		Tues.	7	13 ·53	10 ·26	26		Sun.	7	14 ·14	16 ·43	28
	Thur.	8	Bahula. 11 ·29	4 ·29	24		Wed.	8	14 ·62	11 ·36	27		Mon.	8	—A ·17	17 ·47	29
	Fri.	9	12 ·27	5 ·30	25		Thur.	9	—A ·70	12 ·47	28		Tues.	9	1 ·19	18 ·50	30
	Sat.	10	13 ·27	6 ·33	26		Fri.	10	1 ·78	13 ·57	29		Wed.	10	Śukla. 2 ·17	19 ·52	1
	Sun.	11	14 ·30	7 ·39	27		Sat.	11	2 ·86	14 ·66	30		Thur.	11	3 ·14	20 ·50	2
	Mon.	12	—A ·34	8 ·46	28		Sun.	12	3 ·91	15 ·74	1		Fri.	12	4 ·10	21 ·47	3
	Tues.	13	1 ·41	9 ·55	29		Mon.	13	4 ·95	16 ·81	2		Sat.	13	5 ·04	22 ·43	4
	Wed.	14	2 ·48	10 ·65	30		Tues.	14	5 ·97	17 ·85	3				6 ·96		
	Thur.	15	3 ·56	11 ·75	1		Wed.	15	6 ·95	18 ·86	4		Sun.	14	7 ·87	23 ·37	5
	Fri.	16	4 ·65	12 ·87	2		Thur.	16	7 ·92	19 ·86	5		Mon.	15	8 ·77	24 ·32	6
	Sat.	17	5 ·72	13 ·97	3		Fri.	17	8 ·88	20 ·84	6		Tues.	16	9 ·67	25 ·25	7
	Sun.	18	6 ·78	... ...	4		Sat.	18	Śukla. 9 ·81	21 ·81	7		Wed.	17	10 ·57	26 ·18	8
	Mon.	19	7 ·83	14 ·06	5		Sun.	19	10 ·73	22 ·76	8		Thur.	18	11 ·48	27 ·11	9
	Tues.	20	8 ·87	15 ·12	6		Mon.	20	11 ·64	23 ·70	9		Fri.	19	12 ·39	1 ·04	10
	Wed.	21	9 ·88	16 ·17	7		Tues.	21	12 ·54	24 ·63	10		Sat.	20	13 ·31	2 ·00	11
	Thur.	22	10 ·87	17 ·21	8		Wed.	22	13 ·44	25 ·56	11					3 ·95	
	Fri.	23	11 ·82	18 ·22	9		Thur.	23	14 ·34	26 ·50	12		Sun.	21	14 ·26	4 ·92	12
	Sat.	24	12 ·77	19 ·21	10		Fri.	24	Āśvina. P ·24	27 ·43	13		Mon.	22	P ·21	5 ·91	13
	Sun.	25	13 ·72	20 ·18	11		Sat.	25	1 ·16	1 ·37	14		Tues.	23	1 ·17	6 ·92	14
	Mon.	26	14 ·64	21 ·13	12		Sun.	26	2 ·08	2 ·32	15		Wed.	24	2 ·16	7 ·95	15
	Tues.	27	P ·54	22 ·08	13				3 ·01				Thur.	25	3 ·17	...	16
	Wed.	28	1 ·44	23 ·03	14		Mon.	27	4 ·97	3 ·28	16		Fri.	26	4 ·21	8 ·00	17
				24 ·96									Sat.	27	5 ·25	9 ·07	18
	Thur.	29	2 ·34	25 ·89	15		Tues.	28	5 ·92	4 ·27	17		Sun.	28	6 ·32	10 ·16	19
	Fri.	30	3 ·24	26 ·82	16		Wed.	29	6 ·90	5 ·27	18		Mon.	29	7 ·40	11 ·25	20
	Sat.	31	4 ·14	27 ·75	17		Thur.	30	7 ·91	6 ·28	19		Tues.	30	8 ·48	12 ·36	21
	Aug.						**Oct.**						**Dec.**				
	Sun.	1	5 ·05	1 ·70	18		Fri.	1	8 ·93	7 ·32	20		Wed.	1	9 ·57	13 ·48	22
			6 ·97				Sat.	2	9 ·99	8 ·38	21		Thur.	2	Bahula. 10 ·65	14 ·58	23
	Mon.	2	7 ·89	2 ·66	19		Sun.	3	Bahula.	9 ·46	22		Fri.	3	11 ·72	15 ·66	24
	Tues.	3	8 ·84	3 ·63	20		Mon.	4	10 ·05	10 ·56	23		Sat.	4	12 ·77	16 ·74	25
	Wed.	4	9 ·80	4 ·61	21		Tues.	5	11 ·13	11 ·66	24		Sun.	5	13 ·81	17 ·79	26
	Thur.	5	Bahula. 10 ·78	5 ·62	22		Wed.	6	12 ·21	12 ·76	25		Mon.	6	14 ·83	18 ·83	27
	Fri.	6	11 ·79	6 ·65	23		Thur.	7	13 ·31	13 ·87	26		Tues.	7	—A ·82	19 ·84	28
	Sat.	7	12 ·81	7 ·70	24		Fri.	8	14 ·39	14 ·96	27		Wed.	8	1 ·79	20 ·83	29
	Sun.	8	13 ·85	8 ·77	25		Sat.	9	—A ·46	... ...	28		Thur.	9	2 ·74	21 ·80	1
	Mon.	9	14 ·92	9 ·85	26		Sun.	10	1 ·51	15 ·06	29		Fri.	10	3 ·68	22 ·76	2
	Tues.	10	—A ·99	10 ·95	27		Mon.	11	2 ·55	16 ·12	1		Sat.	11	4 ·60	23 ·72	3
	Wed.	11	... ...	... ...	28		Tues.	12	3 ·56	17 ·16	2		Sun.	12	5 ·52	24 ·66	4
	Thur.	12	1 ·07	11 ·06	29		Wed.	13	4 ·54	18 ·18	3		Mon.	13	6 ·42	25 ·59	5
	Fri.	13	2 ·15	12 ·17	1		Thur.	14	5 ·51	19 ·18	4		Tues.	14	7 ·32	26 ·52	6
	Sat.	14	3 ·23	13 ·27	2		Fri.	15	Śukla. 6 ·48	20 ·18	5		Wed.	15	8 ·22	27 ·45	7
	Sun.	15	4 ·31	14 ·36	3		Sat.	16	7 ·41	21 ·14	6		Thur.	16	9 ·12	1 ·38	8
	Mon.	16	5 ·36	15 ·43	4		Sun.	17	8 ·33	22 ·10	7				10 ·04		
	Tues.	17	6 ·39	16 ·50	5					23 ·04			Fri.	17	11 ·96	2 ·33	9
	Wed.	18	7 ·40	17 ·53	6		Mon.	18	9 ·24	24 ·97	8		Sat.	18	12 ·90	3 ·29	10
	Thur.	19	8 ·39	18 ·54	7		Tues.	19	10 ·14	25 ·91	9		Sun.	19	13 ·85	4 ·25	11
	Fri.	20	9 ·36	19 ·53	8				11 ·04				Mon.	20	14 ·82	5 ·24	12
	Sat.	21	10 ·32	20 ·51	9		Wed.	20	12 ·94	26 ·84	10		Tues.	21	P ·81	6 ·24	13
	Sun.	22	11 ·25	21 ·47	10		Thur.	21	Kārttika. 13 ·84	27 ·77	11		Wed.	22	1 ·82	7 ·27	14
	Mon.	23	12 ·17	22 ·42	11		Fri.	22	14 ·76	1 ·71	12		Thur.	23	2 ·85	8 ·31	15
	Tues.	24	13 ·07	23 ·36	12		Sat.	23	P ·68	2 ·66	13		Fri.	24	3 ·90	9 ·38	16
			14 ·97				Sun.	24	1 ·61	3 ·62	14		Sat.	25	4 ·98	10 ·46	17
	Wed.	25	P ·87	24 ·29	13		Mon.	25	2 ·57	4 ·60	15		Sun.	26	... ...	11 ·55	18
	Thur.	26	1 ·77	25 ·22	14		Tues.	26	3 ·53	5 ·59	16		Mon.	27	5 ·06	12 ·67	19
	Fri.	27	2 ·67	26 ·15	15		Wed.	27	4 ·53	6 ·60	17		Tues.	28	Bahula. 6 ·15	13 ·77	20
	Sat.	28	3 ·58	27 ·10	16		Thur.	28	5 ·53	7 ·63	18		Wed.	29	7 ·23	14 ·88	21
	Sun.	29	4 ·50	1 ·04	17		Fri.	29	6 ·56	8 ·69	19		Thur.	30	8 ·31	15 ·97	22
				2 ·99			Sat.	30	7 ·60	9 ·77	20		Fri.	31	9 ·39	... ...	23
	Mon.	30	5 ·43	3 ·96	18		Sun.	31	8 ·68	10 ·86	21						
	Tues.	31	6 ·38	4 ·94	19												

Vikārin. Karkataka—Ādi. | Vikārin. Siṁha—Āvani. | Vikārin. Kan.—Pur. | Vikārin. Kanyā—Purattāśi. | Vikārin. Tulā—Aippaśi. | Vikārin. Vṛśchika—Kārttigai. | Vikārin. Dhanus—Mārgali. | Vikārin. Makara—Tai.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1060. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·26.** **Śaka 982.** **Kaliyuga 4161.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·22.** **(S. Cycle) Śārvari.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
			Bahula.						*Bahula.*								
			10 ·43	16 ·04					11 ·58	22 ·77					13 ·08	1 ·08	
			11 ·47	17 ·11					12 ·50	23 ·72					14 ·98		
			12 ·47	18 ·15					13 ·42	24 ·67						2 ·02	
			13 ·46	19 ·16					14 ·33	25 ·60					—A ·89	3 ·96	
			14 ·43	20 ·16					—A ·23	26 ·54					1 ·81	4 ·91	
			—A ·39	21 ·14					1 ·13	27 ·47					2 ·74	5 ·88	
			1 ·31	22 ·11					2 ·03						3 ·68	6 ·86	
				23 ·05					3 ·94	1 ·40					4 ·66	7 ·86	
			2 ·22	24 ·99											5 ·64	8 ·89	
			3 ·13	25 ·93					4 ·85	2 ·34					6 ·64	9 ·93	
									5 ·77	3 ·28					7 ·67	10 ·99	
			4 ·04						6 ·70	4 ·25					8 ·73	... ...	
			5 ·95	26 ·86					7 ·66	5 ·22					9 ·79	11 ·07	
			6 ·85	27 ·79					8 ·63	6 ·21					10 ·86	12 ·16	
			7 ·76	1 ·73					9 ·61	7 ·22					11 ·95	13 ·27	
			8 ·67	2 ·67					10 ·62	8 ·25					... ...	14 ·38	
			9 ·58	3 ·62					11 ·65	9 ·31					12 ·04	15 ·48	
			10 ·52	4 ·58					12 ·71	10 ·38					13 ·10	16 ·58	
			11 ·48	5 ·56					13 ·78	11 ·46					14 ·15	17 ·65	
			12 ·46	6 ·57					14 ·86	12 ·56					P ·20	18 ·72	
			13 ·44	7 ·59					P ·94	13 ·67					1 ·23	19 ·76	
			14 ·45	8 ·62					... ...	14 ·77					2 ·23	20 ·78	
			P ·49	9 ·68					1 ·03	15 ·88					3 ·22	21 ·78	
			1 ·55	10 ·76					2 ·11	16 ·97					4 ·18	22 ·76	
			2 ·62	11 ·86					3 ·17	... ...					5 ·13	23 ·73	
			3 ·69	12 ·97					4 ·21	17 ·04					6 ·06		
			4 ·77	... ...					5 ·23	18 ·09					7 ·99	24 ·69	
			5 ·86	13 ·07					6 ·23	19 ·12					8 ·89	25 ·63	
			6 ·95	14 ·18					7 ·21	20 ·14					9 ·79	26 ·56	
			... ...	15 ·27					8 ·18	21 ·13					10 ·69	27 ·49	
			7 ·02	16 ·36					9 ·12	22 ·10					11 ·59	1 ·42	
			8 ·07	17 ·42											12 49	2 ·36	
			9 ·09	18 ·46					10 ·05	23 ·06					13 ·39	3 ·30	
			10 ·09	19 ·48					11 ·97						14 ·30	4 ·25	
										24 ·00							
		Feb.							12 ·87	25 ·95				**June.**			
			Sukla.					**April.**									
			11 ·08	20 ·48					13 ·77	26 ·88					—A ·22	5 ·21	
			12 ·05	21 ·46					14 ·67	27 ·81					1 ·16	6 ·18	
			13 ·00						—A ·57	1 ·74					2 ·13	7 ·19	
			14 ·93	22 ·44					1 ·47	2 ·68					3 ·11	8 ·20	
			—A ·85	23 ·39					2 ·38	3 ·63					4 ·13	9 ·24	
			1 ·76	24 ·33					3 ·30	4 ·58					5 ·15	10 ·29	
			2 ·66	25 ·26					4 ·23	5 ·55					6 ·19	11 ·37	
			3 ·56	26 ·19					5 ·18	6 ·53					7 ·26	12 ·47	
			4 ·46	27 ·13					6 ·15	7 ·54					8 ·34	13 ·57	
			5 ·36	1 ·07					7 ·14	8 ·56					9 ·42	14 ·68	
				2 ·00					8 ·15	9 ·62					10 ·50	15 ·78	
			6 ·27	3 ·95					9 ·19	10 ·68					11 ·58	16 ·88	
			7 ·20	4 ·91					10 ·24	11 ·76					12 ·64	17 ·97	
			8 ·18	5 ·90					11 ·30	12 ·86					13 ·68	... ...	
			9 ·09	6 ·89					12 ·37	13 ·97					14 ·71	18 ·03	
			10 ·06	7 ·90					13 ·45	... ...					P ·71	19 ·08	
			11 ·04	8 ·94					14 ·54	14 ·08					1 ·70	20 ·10	
			12 ·06	9 ·99					P ·62	15 ·18					2 ·65	21 ·11	
			13 ·09	... ..					1 ·68	16 ·27					3 ·60	22 ·10	
			14 ·15	10 ·07					2 ·72	17 ·35					4 ·52	23 ·07	
			P ·22	11 ·16					3 ·75	18 ·40						24 ·02	
			1 ·30	12 ·26					4 ·75	19 ·45					5 ·43	25 ·96	
			2 ·38	13 ·37					5 ·72	20 ·46					6 ·34	26 ·90	
			3 ·47	14 ·48					6 ·69	21 ·46					7 ·25	27 ·83	
			4 ·56	15 ·57					7 ·63	22 ·43					8 ·15	1 ·77	
			5 ·61	16 ·67					8 ·56	23 ·39					9 ·05	2 ·70	
			6 ·66	17 ·73					9 ·48	24 ·35					10 ·95		
			7 ·69	18 ·78					10 ·38	25 ·29					11 ·85	3 ·63	
			8 ·69	19 ·80					11 ·28	26 ·22					12 ·77	4 ·58	
			9 ·67	20 ·81					12 ·18	27 ·15					13 ·70	5 ·54	
			10 ·63	21 ·80											14 ·64	6 ·52	
															—A ·61	7 ·51	

Naksh:—1. Aśvin 2. Bhar. 3. Krit. 4 Rohi. 5. Mrig. 6. Ardrā. 7 Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad 26 U. Bhad 27. Rev.

A.D. 1060. **Kollam 236,** { **N. Malabar—Aug.** **Hijra 452.** **Vikrama 1117.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 6.** **Bengal San. 466.**
P—Paurnimā. **(N. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Sat.	1	1 ·59	8 ·52	29	6	Fri.	1	... ...	15 ·69	2	7	Wed.	1	5 ·47	21 ·72	4
8	Sun.	2	2 ·61	9 ·55	—30	7	Sat.	2	4 ·02	16 ·79	3	8	Thur.	2	6 ·46	22 ·73	5
9	Mon.	3	3 ·62	10 ·60	1	8	Sun.	3	5 ·09	17 ·88	4	9	Fri.	3	7 ·42	23 ·72	6
10	Tues.	4	4 ·67	11 ·68	2	9	Mon.	4	6 ·16	18 ·96	5	10	Sat.	4	8 ·38	24 ·69	7
11	Wed.	5	5 ·73	12 ·77	3	10	Tues.	5	7 ·22	... ...	6	11	Sun.	5	9 ·31	25 ·65	8
12	Thur.	6	6 ·82	13 ·87	4	11	Wed.	6	8 ·25	19 ·02	7	12	Mon.	6	10 ·24	26 ·59	9
13	Fri.	7	7 ·90	14 ·98	5	12	Thur.	7	9 ·26	20 ·07	8	13	Tues.	7	11 ·15	27 ·53	10
14	Sat.	8	8 ·97	...	6	13	Fri.	8	10 ·24	21 ·08	9	14	Wed.	8	12 ·06	1 ·46	11
15	Sun.	9	... ...	15 ·08	7	14	Sat.	9	11 ·22	22 ·08	10				13 ·96		
16	Mon.	10	9 ·04	16 ·18	8	15	Sun.	10	12 ·16	23 ·06	11	15	Thur.	9	14 ·86	2 ·40	12
17	Tues.	11	10 ·11	17 ·28	9	16	Mon.	11	13 ·10	24 ·02	12	16	Fri.	10	P ·77	3 ·33	13
18	Wed.	12	11 ·17	18 ·34	10					25 ·98		17	Sat.	11	1 ·68	4 ·26	14
19	Thur.	13	12 ·20	19 ·39	11	17	Tues.	12	14 ·03	26 ·92	13	18	Sun.	12	2 ·60	5 ·21	15
20	Fri.	14	13 ·20	20 ·42	12				P ·94			19	Mon.	13	3 ·58	6 ·16	16
21	Sat.	15	14 ·18	21 ·43	13	18	Wed.	13	1 ·84	27 ·85	14	20	Tues.	14	4 ·48	7 ·14	17
22	Sun. ○	16	P ·14	22 ·43	14	19	Thur.	14	2 ·74	1 ·78	15	21	Wed.	15	5 ·46	8 ·13	18
23	Mon.	17	1 ·10	23 ·40	15	20	Fri.	15	3 ·64	2 ·71	16	22	Thur.	16	6 ·44	9 ·14	19
			2 ·03			21	Sat.	16	4 ·54	3 ·65	17	23	Fri.	17	7 ·47	10 ·17	20
24	Tues.	18	3 ·95	24 ·35	16	22	Sun.	17	5 ·45	4 ·59	18	24	Sat.	18	8 ·50	11 ·21	21
25	Wed.	19	4 ·85	25 ·30	17	23	Mon.	18	6 ·37	5 ·54	19	25	Sun.	19	9 ·55	12 ·29	22
26	Thur.	20	5 ·75	26 ·23	18	24	Tues.	19	7 ·30	6 ·50	20	26	Mon.	20	10 ·62	13 ·38	23
27	Fri.	21	6 ·65	27 ·17	19	25	Wed.	20	8 ·24	7 ·48	21	27	Tues.	21	11 ·20	14 ·48	24
28	Sat.	22	7 ·55	1 ·10	20	26	Thur.	21	9 ·21	8 ·48	22	28	Wed.	22	12 ·79	15 ·58	25
				2 ·03		27	Fri.	22	10 ·20	9 ·50	23	29	Thur.	23	13 ·88	16 ·69	26
29	Sun.	23	8 ·45	3 ·97	21	28	Sat.	23	11 ·22	10 ·54	24	—30	Fri.	24	14 ·96	17 ·80	27
30	Mon.	24	9 ·35	4 ·91	22	29	Sun.	24	12 ·25	11 ·60	25	1	Sat.	25	... ...	18 ·89	28
31	Tues.	25	10 ·28	5 ·88	23	—30	Mon.	25	13 ·29	12 ·67	26	2	Sun.	26	—A ·02	19 ·96	—29
—32	Wed.	26	11 ·21	6 ·85	24	1	Tues.	26	14 ·36	13 ·77	27	3	Mon.	27	1 ·08	... ...	1
1	Thur.	27	12 ·15	7 ·83	25	2	Wed.	27	—A ·43	14 ·88	28	4	Tues.	28	2 ·11	20 ·01	2
2	Fri.	28	13 ·11	8 ·84	26	3	Thur.	28	1 ·52	15 ·99	—29	5	Wed.	29	3 ·12	21 ·04	3
3	Sat.	29	14 ·10	9 ·86	27	4	Fri.	29	2 ·60	... ...	1	6	Thur.	30	4 ·10	22 ·05	4
4	Sun.	30	—A ·10	10 ·92	28	5	Sat.	30	3 ·68	16 ·09	2						
5	Mon.	31	1 ·12	11 ·99	—29												
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	2 ·17	... ...	1	6	Sun.	1	4 ·76	17 ·19	3	7	Fri.	1	5 ·07	23 ·05	5
7	Wed.	2	3 ·23	12 ·07	2	7	Mon.	2	5 ·81	18 ·27	4	8	Sat.	2	6 ·02	24 ·02	6
8	Thur.	3	4 ·31	13 ·17	3	8	Tues.	3	6 ·84	19 ·34	5				7 ·95	25 ·98	
9	Fri.	4	5 ·39	14 ·27	4	9	Wed.	4	7 ·85	20 ·38	6	9	Sun.	3	8 ·88	26 ·93	7
10	Sat.	5	6 ·48	15 ·38	5	10	Thur.	5	8 ·84	21 ·40	7	10	Mon.	4	9 ·79	27 ·87	8
11	Sun.	6	7 ·56	16 ·49	6	11	Fri.	6	9 ·80	22 ·40	8	11	Tues.	5	10 ·70	1 ·81	9
12	Mon.	7	8 ·62	17 ·58	7	12	Sat.	7	10 ·76	23 ·39	9	12	Wed.	6	11 ·60	2 ·74	10
13	Tues.	8	9 ·68	18 ·65	8	13	Sun.	8	11 ·70	24 ·36	10	13	Thur.	7	12 ·50	3 ·67	11
14	Wed.	9	10 ·70	19 ·71	9	14	Mon.	9	12 ·62	25 ·31	11	14	Fri.	8	13 ·41	4 ·60	12
15	Thur.	10	11 ·71	20 ·74	10	15	Tues.	10	13 ·53	26 ·26	12	15	Sat.	9	14 ·32	5 ·54	13
16	Fri.	11	12 ·69	21 ·76	11	16	Wed.	11	14 ·43	27 ·19	13	16	Sun.	10	P ·25	6 ·51	14
17	Sat.	12	13 ·67	22 ·75	12	17	Thur.	12	P ·33	1 ·12	14	17	Mon.	11	1 ·18	7 ·47	15
18	Sun.	13	14 ·61	23 ·73	13					2 ·05		18	Tues.	12	2 ·13	8 ·46	16
19	Mon.	14	P ·55	24 ·69	14	18	Fri.	13	1 ·24	3 ·99	15	19	Wed.	13	3 ·11	9 ·46	17
20	Tues.	15	1 ·47	25 ·63	15	19	Sat.	14	2 ·15	4 ·93	16	20	Thur.	14	4 ·09	10 ·48	18
21	Wed.	16	2 ·38	26 ·58	16				3 ·06			21	Fri.	15	5 ·11	11 ·53	19
22	Thur.	17	3 ·28	27 ·51	17	20	Sun.	15	4 ·97	5 ·87	17	22	Sat.	16	6 ·15	12 ·60	20
23	Fri.	18	4 ·18	1 ·44	18	21	Mon.	16	5 ·91	6 ·83	18	23	Sun.	17	7 ·20	13 ·68	21
			5 ·08			22	Tues.	17	6 ·85	7 ·81	19	24	Mon.	18	8 ·26	14 ·77	22
24	Sat.	19	6 ·98	2 ·37	19	23	Wed.	18	7 ·83	8 ·81	20	25	Tues.	19	9 ·35	15 ·88	23
25	Sun.	20	7 ·89	3 ·31	20	24	Thur.	19	8 ·81	9 ·82	21	26	Wed.	20	10 ·45	16 ·99	24
26	Mon.	21	8 ·81	4 ·26	21	25	Fri.	20	9 ·83	10 ·85	22	27	Thur.	21	11 ·54	... ...	25
27	Tues.	22	9 ·73	5 ·21	22	26	Sat.	21	10 ·85	11 ·91	23	28	Fri.	22	12 ·62	17 ·10	26
28	Wed.	23	10 ·67	6 ·18	23	27	Sun.	22	11 ·90	12 ·98	24	—29	Sat.	23	13 ·68	18 ·19	27
29	Thur.	24	11 ·64	7 ·16	24	28	Mon.	23	12 ·97	... ...	25	1	Sun.	24	14 ·73	19 ·26	28
30	Fri.	25	12 ·63	8 ·16	25	29	Tues.	24	... ...	13 ·08	26	2	Mon.	25	—A ·75	20 ·32	29
—31	Sat.	26	13 ·65	9 ·18	26	—30	Wed.	25	13 ·05	14 ·18	27	3	Tues.	26	1 ·75	21 ·36	—30
1	Sun.	27	14 ·67	10 ·23	27	1	Thur.	26	14 ·14	15 ·28	28	4	Wed.	27	2 ·74	22 ·38	1
2	Mon.	28	—A ·71	11 ·29	28	2	Fri.	27	—A ·23	16 ·39	29	5	Thur.	28	3 ·72	23 ·38	2
3	Tues.	29	1 ·76	12 ·37	29	3	Sat.	28	1 ·31	17 ·49	—30	6	Fri.	29	4 ·66	24 ·35	3
4	Wed.	30	2 ·84	13 ·47	—30	4	Sun.	29	2 ·37	18 ·58	1	7	Sat.	30	5 ·59	25 ·32	4
5	Thur.	31	3 ·93	14 ·57	1	5	Mon.	30	3 ·42	19 ·65	2	8	Sun.	31	6 ·51	26 ·26	5
						6	Tues.	31	4 ·46	20 ·70	3						

Śārvari. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śārvari.* **Simha—Āvani.** *Śārvari.* **Tulā—Aippasi.** *Śārvari.* **Kanyā—Puraṭṭāsi.** *Śārvari.* **Kārttika.** *Sukla.* *Bahula.* *Śārvari.* **Vṛiśchika—Kārttigai.** *Śārvari.* **Dhanus—Mārgali.** *Śārvari.* **Makara—Tai.**

H. 452 Jumādal'ākhir. *H. 452 Rajab.* *H. 452 Ramzān.* *H. 452 Śha'bān.* *H. 452 Shawwāl.* *H. 452 Zil-ka'da.*

Mārgaśirsha. **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1061. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·52.** **Śaka 983.** **Kaliyuga 4162.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·48.** **(S. Cycle) Plava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	7 ·42	27 ·21	6	9	Thur. 1	*Śukla.* 7 ·23	5 ·56	5	9	Tues. 1	10 ·08	11 ·10	7
10	Tues. 2	8 ·32	1 ·15	7	10	Fri. 2	8 ·15	6 ·50	6	10	Wed. 2	.. ..	12 ·15	8
11	Wed. 3	9 ·22	2 ·08	8	11	Sat. 3	9 ·07	7 ·46	7	11	Thur. 3	11 ·01	13 ·21	9
12	Thur. 4	*Śukla.* 10 ·13	3 ·00 / 4 ·94	9	12	Sun. 4	10 ·01 / 11 ·96	8 ·43	8	12	Fri. 4	12 ·06	14 ·29	10
13	Fri. 5	11 ·04 / 12 ·95	5 ·89	10	13	Mon. 5	12 ·94	9 ·48	9	13	Sat. 5	13 ·13	15 ·38	11
14	Sat. 6	13 ·87	6 ·84	11	14	Tues. 6	13 ·92	10 ·44	10	14	Sun. 6	14 ·21	16 ·48	12
15	Sun. 7	14 ·82	7 ·80	12	15	Wed. 7	14 ·94	11 ·47	11	15	Mon. 7	**P** ·29	17 ·60	13
16	Mon.○ 8	**P** ·77	8 ·78	13	16	Thur. 8	**P** ·98	12 ·52	12	16	Tues. 8	1 ·37	18 ·70	14
17	Tues. 9	1 ·74	9 ·78	14	17	Fri. 9	.. ..	13 ·59	13	17	Wed. 9	2 ·45	19 ·80	15
18	Wed. 10	2 ·73	10 ·81	15	18	Sat. 10	1 ·02	14 ·68	14	18	Thur. 10	3 ·50	20 ·88	16
19	Thur. 11	3 ·75	11 ·84	16	19	Sun. 11	2 ·10	15 ·78	15	19	Fri. 11	4 ·54	21 ·93	17
20	Fri. 12	4 ·79	12 ·90	17	20	Mon. 12	3 ·18	16 ·89	16	20	Sat. 12	5 ·56	22 ·97	18
21	Sat. 13	5 ·84	13 ·98	18	21	Tues. 13	4 ·27	17 ·99	17	21	Sun. 13	6 ·56	.. ..	19
22	Sun. 14	6 ·91	.. ..	19	22	Wed. 14	5 ·35	.. ..	18	22	Mon. 14	7 ·54	23 ·00	20
23	Mon. 15	7 ·99	14 ·07	20	23	Thur. 15	6 ·43	18 ·09	19	23	Tues. 15	8 ·51	24 ·00 / 25 ·98	21
24	Tues. 16	.. ..	15 ·18	21	24	Fri. 16	*Bahula.* 7 ·48	19 ·19	20	24	Wed. 16	9 ·45	26 ·94	22
25	Wed. 17	8 ·08	16 ·29	22	25	Sat. 17	8 ·52	20 ·26	21	25	Thur. 17	10 ·37	27 ·89	23
26	Thur. 18	9 ·17	17 ·40	23	26	Sun. 18	9 ·54	21 ·31	22	26	Fri. 18	11 ·29	1 ·84	24
27	Fri. 19	*Bahula.* 10 ·25	18 ·49	24	27	Mon. 19	10 ·54	22 ·34	23	27	Sat. 19	12 ·19	2 ·78	25
28	Sat. 20	11 ·32	19 ·57	25	28	Tues. 20	11 ·53	23 ·35	24	28	Sun. 20	13 ·09 / 14 ·99	3 ·71	26
29	Sun. 21	12 ·37	20 ·63	26	29	Wed. 21	12 ·49	24 ·35	25	29	Mon. 21	—**A** ·89	4 ·64	27
1	Mon. 22	13 ·38	21 ·68	27	30	Thur. 22	13 ·43	25 ·32	26	30	Tues. 22	1 ·79	5 ·57	28
2	Tues. 23	14 ·39	22 ·70	28	1	Fri. 23	14 ·36	26 ·28	27	31	Wed. 23	2 ·69	6 ·52	—29
3	Wed. 24	—**A** ·37	23 ·70	29	2	Sat. 24	—**A** ·27	27 ·22	28	—32	Thur. 24	3 ·62	7 ·47	1
4	Thur. 25	1 ·34	24 ·68	—30	3	Sun. 25	1 ·18	1 ·16	—29	1	Fri. 25	4 ·55	8 ·43	2
5	Fri. 26	2 ·28	25 ·65	1	4	Mon. 26	2 ·08 / 3 ·98	2 ·09	1	2	Sat. 26	5 ·49	9 ·40	3
6	Sat. 27	3 ·22	26 ·61	2				3 ·03 / 4 ·96		3	Sun. 27	6 ·46	10 ·40	4
7	Sun. 28	4 ·13	27 ·55	3	5	Tues. 27	4 ·88		2	4	Mon. 28	7 ·45	11 ·42	5
8	Mon. 29	5 ·04 / 6 ·94	1 ·48	4	6	Wed. 28	*Śukla.* 5 ·78	5 ·89	3	5	Tues. 29	*Śukla.* 8 ·45	12 ·46	6
9	Tues. 30	7 ·84	2 ·41	5	7	Thur. 29	6 ·69	6 ·84	4	6	Wed. 30	9 ·48	13 ·51	7
10	Wed. 31	8 ·74	3 ·34	6	8	Fri. 30	7 ·61	7 ·79	5	7	Thur. 31	10 ·53	14 ·59	8
	Feb.				9	Sat. 31	8 ·55	8 ·77	6					
						April.					**June.**			
11	Thur. 1	9 ·65	4 ·28	7	10	Sun. 1	9 ·50	9 ·75	7	8	Fri. 1	11 ·59	15 ·68	9
12	Fri. 2	10 ·57	5 ·22	8	11	Mon. 2	*Bahula.* 10 ·47	10 ·76	8	9	Sat. 2	12 ·67	16 ·79	10
13	Sat. 3	*Śukla.* 11 ·49	6 ·17	9	12	Tues. 3	11 ·45	11 ·78	9	10	Sun. 3	13 ·76	17 ·90	11
14	Sun. 4	12 ·43	7 ·13	10	13	Wed. 4	12 ·47	12 ·83	10	11	Mon. 4	14 ·85	... ...	12
15	Mon. 5	13 ·38	8 ·11	11	14	Thur. 5	13 ·51	13 ·90	11	12	Tues. 5	**P** ·91	18 ·00	13
16	Tues. 6	14 ·35	9 ·10	12	15	Fri. 6	14 ·56	14 ·98	12	13	Wed. 6	1 ·97	19 ·10	14
17	Wed. 7	**P** ·34	10 ·12	13	16	Sat. 7	**P** ·63	.. ...	13	14	Thur. 7	.. ...	20 ·18	15
18	Thur. 8	1 ·35	11 ·16	14	17	Sun. 8	1 ·70	15 ·08	14	15	Fri. 8	2 ·02	21 ·24	16
19	Fri. 9	2 ·40	12 ·21	15	18	Mon. 9	2 ·78	16 ·19	15	16	Sat. 9	3 ·03	22 ·30	17
20	Sat. 10	3 ·45	13 ·28	16	19	Tues. 10	3 ·87	17 ·29	16	17	Sun. 10	4 ·04	23 ·32	18
21	Sun. 11	4 ·53	14 ·37	17	20	Wed. 11	4 ·95	18 ·40	17	18	Mon. 11	5 ·02 / 6 ·98	24 ·32	19
22	Mon. 12	5 ·61	15 ·48	18	21	Thur. 12	.. ...	19 ·49	18	19	Tues. 12	7 ·94	25 ·31	20
23	Tues. 13	6 ·69	16 ·59	19	22	Fri. 13	*Bahula.* 5 ·01	20 ·57	19	20	Wed. 13	8 ·87	26 ·28	21
24	Wed. 14	7 ·78	17 ·70	20	23	Sat. 14	6 ·06	21 ·62	20	21	Thur. 14	9 ·78	27 ·24	22
25	Thur. 15	8 ·86	18 ·79	21	24	Sun. 15	7 ·07	22 ·66	21	22	Fri. 15	*Bahula.* 10 ·68	1 ·18	23
26	Fri. 16	9 ·92	19 ·88	22	25	Mon. 16	8 ·06	23 ·68	22	23	Sat. 16	11 ·58	2 ·12	24
27	Sat. 17	*Bahula.* 10 ·96	20 ·95	23	26	Tues. 17	9 ·05	24 ·67	23	24	Sun. 17	12 ·48	3 ·05 / 4 ·98	25
28	Sun. 18	11 ·98	... ...	24	27	Wed. 18	10 ·01 / 11 ·95	25 ·65	24	25	Mon. 18	13 ·38	5 ·92	26
29	Mon. 19	12 ·98	21 ·00	25	28	Thur. 19	12 ·87	26 ·61	25	26	Tues. 19	14 ·28	6 ·85	27
—30	Tues. 20	13 ·97	22 ·02	26	29	Fri. 20	13 ·79	27 ·56	26	27	Wed.● 20	—**A** ·19	7 ·80	28
1	Wed. 21	14 ·93	23 ·03	27	30	Sat. 21	14 ·70	1 ·50	27	28	Thur. 21	1 ·10	8 ·76	29
2	Thur. 22	—**A** ·87	24 ·01 / 25 ·99	28	—31	Sun. 22	—**A** ·60	2 ·44	28	29	Fri. 22	2 ·04 / 3 ·99	9 ·73	—30
3	Fri. 23	1 ·81	26 ·94	29	1	Mon. 23	*Śukla.* 1 ·50	3 ·37	29	30	Sat. 23	4 ·94	10 ·73	1
4	Sat. 24	2 ·72	27 ·89	—30	2	Tues. 24	2 ·39	4 ·30	— 30	—31	Sun. 24	5 ·92	11 ·74	2
5	Sun. 25	3 ·62	1 ·82	1	3	Wed. 25	3 ·29	5 ·23	1	1	Mon. 25	6 ·93	12 ·77	3
6	Mon. 26	4 ·52	2 ·75	2	4	Thur. 26	4 ·20	6 ·17	2	2	Tues. 26	*Śukla.* 7 ·97	13 ·82	4
7	Tues. 27	*Śukla.* 5 ·42	3 ·69	3	5	Fri. 27	5 ·13	7 ·13	3	3	Wed. 27	.. ...	14 ·89	5
8	Wed. 28	6 ·32	4 ·62	4	6	Sat. 28	6 ·07	8 ·10	4	4	Thur. 28	8 ·01	15 ·98	6
					7	Sun. 29	7 ·01 / 8 ·98	9 ·08	5	5	Fri. 29	9 ·07	... ...	7
					8	Mon. 30	9 ·96	10 ·08	6	6	Sat. 30	10 ·15	16 ·09	8

Śrāvaṇa. **Makara—Tai.** *Māgha.* *Phālguna.* *Kumbha—Māśi.* *Śrāvaṇa.* *Mīna—Paṅguni.* *Śrāvaṇa.* *Plava.* **Mēsha—Chittirai.** *Adhika Vaiśākha.* *Plava.* **Vrish.—Vaigāśi.** *Jyēshtha.* *Plava.* **Mīna—Paṅguni.** *Chaitra.* *Plava.* **Vrishabha—Vaigāśi.** *Nija Vaiśākha.* *Plava.* **Mithuna—Āni.**

H. 452 Ẓi-l-ḥijja. *H. 453 Muḥarram.* *H. 453 Rabī-ul awwal.* *H. 453 Rabī-ul ākhir.* *H. 453 Jamādu'l awwal.* *H. 463 Jamādu'l awwal.* *H. 453 Ṣafar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1061. **Kollam 237,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 453.** **Vikrama 1118.**
A—Amāvāsyā. Commences Commences **Jan. 26.** **Bengal San. 467.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Plava. **Karkataka—Ādi.** 7	Sun. 1	11 ·23	17 ·20	9
8	Mon. 2	12 ·32	18 ·30	10
9	Tues. 3	13 ·39	19 ·40	11
10	Wed. 4	14 ·45	20 ·49	12
11	Thur. 5	P ·50	21 ·56	13
12	Fri. 6	1 ·53	22 ·61	14
13	Sat. 7	2 ·52	23 ·64	15
14	Sun. 8	3 ·50	24 ·65	16
15	Mon. 9	4 ·47	25 ·64	17
16	Tues. 10	5 ·41	26 ·62	18
17	Wed. 11	6 ·35	27 ·57	19
18	Thur. 12	7 ·26	1 ·52	20
19	Fri. 13	8 ·17	2 ·45	21
20	Sat. 14	9 ·07	3 ·38	22
21	Sun. 15	10 ·97	4 ·32	23
22	Mon. 16	11 ·87	5 ·25	24
23	Tues. 17	12 ·77	6 ·19	25
24	Wed. 18	13 ·68	7 ·13	26
25	Thur. 19	14 ·59	A ·52	27
26	Fri. 20	A ·52	8 ·09	28
27	Sat. 21	1 ·46	9 ·06	29
28	Sun. 22	2 ·44	10 ·05	1
29	Mon. 23	3 ·42	11 ·06	2
30	Tues. 24	4 ·42	12 ·08	3
31	Wed. 25	5 ·46	13 ·13	4
32	Thur. 26	6 ·56	14 ·20	5
1	Fri. 27	7 ·57	15 ·29	6
2	Sat. 28	8 ·64	16 ·39	7
3	Sun. 29	9 ·72	17 ·49	8
4	Mon. 30	10 ·81	18 ·60	9
5	Tues. 31	11 ·88	19 ·70	10
		12 ·95	20 ·80	
	Aug.			
Plava. **Simha—Āvaṇi.** 6	Wed. 1	13 ·99	21 ·87	11
7	Thur. 2	... ...	22 ·93	12
8	Fri. 3	14 ·03	23 ·96	13
9	Sat. 4	P ·03	24 ·97	14
10	Sun. 5	1 ·01	25 ·97	15
11	Mon. 6	2 ·97	26 ·95	16
12	Tues. 7	3 ·93	27 ·91	17
13	Wed. 8	4 ·86	1 ·85	18
14	Thur. 9	5 ·77	2 ·79	19
15	Fri. 10	6 ·68	3 ·73	20
16	Sat. 11	7 ·58	4 ·66	21
17	Sun. 12	8 ·48	5 ·59	22
18	Mon. 13	9 ·38	6 ·53	23
19	Tues. 14	10 ·28	7 ·47	24
20	Wed. 15	11 ·19	8 ·42	25
21	Thur. 16	12 ·10	9 ·39	26
22	Fri. 17	13 ·04	10 ·38	27
23	Sat. 18	14 ·98	11 ·38	28
24	Sun. 19	A ·96	12 ·40	29
25	Mon. 20	1 ·94	13 ·44	30
26	Tues. 21	2 ·96	14 ·51	1
27	Wed. 22	3 ·98	15 ·59	2
28	Thur. 23	... ...	16 ·69	3
29	Fri. 24	4 ·03	17 ·79	4
30	Sat. 25	5 ·08	18 ·90	5
31	Sun. 26	6 ·16	... ...	6
1	Mon. 27	7 ·25	19 ·01	7
2	Tues. 28	8 ·33	20 ·10	8
3	Wed. 29	9 ·41	21 ·18	9
4	Thur. 30	10 ·48	22 ·24	10
5	Fri. 31	11 ·53	23 ·28	11
		12 ·55		
		13 ·56		

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Plava. **Kanyā—Purattāsi.** 6	Sat. 1	14 ·55	24 ·29	12
7	Sun. 2	P ·52	25 ·30	13
8	Mon. 3	1 ·47	26 ·28	14
9	Tues. 4	2 ·39	27 ·24	15
10	Wed. 5	3 ·31	1 ·19	16
11	Thur. 6	4 ·23	2 ·13	17
12	Fri. 7	5 ·13	3 ·07	18
13	Sat. 8	6 ·03	4 ·99	19
14	Sun. 9	7 ·93	5 ·93	20
15	Mon. 10	8 ·83	6 ·86	21
16	Tues. 11	9 ·74	7 ·80	22
17	Wed. 12	10 ·66	8 ·76	23
18	Thur. 13	11 ·60	9 ·72	24
19	Fri. 14	12 ·54	10 ·70	25
20	Sat. 15	13 ·52	11 ·70	26
21	Sun. 16	14 ·50	12 ·71	27
22	Mon. 17	A ·52	13 ·76	28
23	Tues. 18	1 ·54	14 ·82	29
24	Wed. 19	2 ·60	15 ·90	1
25	Thur. 20	3 ·66	16 ·99	2
26	Fri. 21	4 ·74	... ...	3
27	Sat. 22	5 ·82	17 ·09	4
28	Sun. 23	6 ·90	18 ·21	5
29	Mon. 24	7 ·98	19 ·31	6
30	Tues. 25	... ...	20 ·41	7
1	Wed. 26	8 ·05	21 ·49	8
2	Thur. 27	9 ·11	22 ·55	9
3	Fri. 28	10 ·13	23 ·60	10
4	Sat. 29	11 ·15	24 ·62	11
5	Sun. 30	12 ·13	25 ·62	12
		13 ·09	26 ·61	
	Oct.			
Plava. **Tulā—Aippasi.** 6	Mon. 1	14 ·05	27 ·57	13
7	Tues. 2	P ·98	1 ·52	14
8	Wed. 3	1 ·91	2 ·48	15
9	Thur. 4	2 ·82	3 ·43	16
10	Fri. 5	3 ·72	4 ·34	17
11	Sat. 6	4 ·62	5 ·27	18
12	Sun. 7	5 ·52	6 ·20	19
13	Mon. 8	6 ·42	7 ·15	20
14	Tues. 9	7 ·34	8 ·09	21
15	Wed. 10	8 ·26	9 ·05	22
16	Thur. 11	9 ·19	10 ·03	23
17	Fri. 12	10 ·14	11 ·02	24
18	Sat. 13	11 ·11	12 ·04	25
19	Sun. 14	12 ·10	13 ·07	26
20	Mon. 15	13 ·12	14 ·13	27
21	Tues. 16	14 ·14	15 ·20	28
22	Wed. 17	A ·20	16 ·29	29
23	Thur. 18	1 ·26	17 ·40	30
24	Fri. 19	2 ·35	18 ·50	1
25	Sat. 20	3 ·44	19 ·61	2
26	Sun. 21	4 ·53	20 ·71	3
27	Mon. 22	5 ·60	21 ·79	4
28	Tues. 23	6 ·66	22 ·86	5
29	Wed. 24	7 ·72	23 ·92	6
30	Thur. 25	8 ·75	24 ·90	7
1	Fri. 26	9 ·76	25 ·93	8
2	Sat. 27	10 ·74	26 ·93	9
3	Sun. 28	11 ·72	27 ·90	10
4	Mon. 29	12 ·66	1 ·87	11
5	Tues. 30	13 ·60	2 ·81	12
6	Wed. 31	14 ·52	3 ·75	13
		P ·43		

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Plava. **Vṛiśchika—Kārttigai.** 7	Thur. 1	1 ·33	4 ·68	14
8	Fri. 2	2 ·23	5 ·61	15
9	Sat. 3	3 ·14	6 ·55	16
10	Sun. 4	4 ·05	7 ·48	17
11	Mon. 5	5 ·96	8 ·43	18
12	Tues. 6	6 ·87	9 ·38	19
13	Wed. 7	7 ·80	10 ·35	20
14	Thur. 8	8 ·76	11 ·35	21
15	Fri. 9	9 ·74	12 ·36	22
16	Sat. 10	10 ·73	13 ·39	23
17	Sun. 11	11 ·74	14 ·43	24
18	Mon. 12	12 ·79	15 ·50	25
19	Tues. 13	13 ·84	16 ·60	26
20	Wed. 14	14 ·91	17 ·70	27
21	Thur. 15	A ·98	18 ·80	28
22	Fri. 16	... ...	19 ·91	29
23	Sat. 17	1 ·07	... ...	1
24	Sun. 18	2 ·16	20 ·01	2
25	Mon. 19	3 ·24	21 ·10	3
26	Tues. 20	4 ·31	22 ·18	4
27	Wed. 21	5 ·36	23 ·23	5
28	Thur. 22	6 ·39	24 ·26	6
29	Fri. 23	7 ·40	25 ·27	7
30	Sat. 24	8 ·38	26 ·26	8
1	Sun. 25	9 ·35	27 ·24	9
2	Mon. 26	10 ·30	1 ·20	10
3	Tues. 27	11 ·23	2 ·15	11
4	Wed. 28	12 ·15	3 ·09	12
5	Thur. 29	13 ·06	4 ·02	13
6	Fri. 30	14 ·97	5 ·96	14
		P ·87		
		1 ·77	6 ·89	
	Dec.			
Plava. **Dhanus—Mārgali.** 7	Sat. 1	2 ·68	7 ·82	15
8	Sun. 2	3 ·59	8 ·76	16
9	Mon. 3	4 ·51	9 ·72	17
10	Tues. 4	5 ·46	10 ·69	18
11	Wed. 5	6 ·41	11 ·68	19
12	Thur. 6	7 ·38	12 ·68	20
13	Fri. 7	8 ·37	13 ·70	21
14	Sat. 8	9 ·39	14 ·74	22
15	Sun. 9	10 ·43	15 ·81	23
16	Mon. 10	11 ·48	16 ·90	24
17	Tues. 11	12 ·56	17 ·99	25
18	Wed. 12	13 ·64	... ...	26
19	Thur. 13	14 ·73	18 ·10	27
20	Fri. 14	A ·82	19 ·21	28
21	Sat. 15	1 ·89	20 ·31	29
22	Sun. 16	2 ·98	21 ·41	30
23	Mon. 17	... ...	22 ·48	1
24	Tues. 18	3 ·01	23 ·54	2
25	Wed. 19	4 ·04	24 ·58	3
26	Thur. 20	5 ·04	25 ·59	4
27	Fri. 21	6 ·03	26 ·60	5
28	Sat. 22	7 ·99	27 ·57	6
29	Sun. 23	8 ·94	1 ·54	7
30	Mon. 1	9 ·87	2 ·48	8
31	Tues. 2	10 ·80	3 ·42	9
32	Wed. 3	11 ·70	4 ·37	10
33	Thur. 4	12 ·60	5 ·29	11
34	Fri. 5	13 ·50	6 ·22	12
35	Sat. 6	14 ·41	7 ·16	13
36	Sun. 7	P ·32	8 ·10	14
37	Mon. 8	1 ·23	9 ·06	15
		2 ·16		

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

H. 453 Jamādi'l ākhir. *H. 453 Śha'bān.* *H. 453 Śha'bān.* *H. 453 Ramzān.* *H. 453 Shawwāl.* *H. 453 Zi-l-ka'da.* *H. 453 Zi-l-hijja.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatsb.

A.D. 1062. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·78.** **Śaka 984.** **Kaliyuga 4163.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·74.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Plava.			*Śukla.*		*H. 458 Ẓi-l-ḥijja.*	*Plava.*			*Bahula.*		*H. 454 Ṣafar.*	*Śubhakṛit.*			*Bahula.*		*H. 464 Rabī-ul ākhir.*
Makara—Tai.			**Pausha.**			**Mīna—Phālguni.**			**Phāl.**			**Vṛishabha—Vaigāśi.**			**Vaiśākha.**		
9	Tues.	1	3 ·10	10 ·02	16	9	Fri.	1	3 ·25	15 ·74	16	8	Wed.	1	5 ·71	21 ·91	18
10	Wed.	2	4 ·05	11 ·00	17	10	Sat.	2	4 ·28	16 ·81	17	9	Thur.	2	6 ·78	... ...	19
11	Thur.	3	5 ·03	12 ·00	18	11	Sun.	3	5 ·34	17 ·89	18	10	Fri.	3	7 ·84	22 ·02	20
12	Fri.	4	6 ·01	13 ·02	19	12	Mon.	4	6 ·42	... ...	19	11	Sat.	4	8 ·87	23 ·10	21
13	Sat.	5	7 ·04	14 ·05	20	13	Tues.	5	7 ·50	18 ·00	20	12	Sun.	5	9 ·89	24 ·16	22
14	Sun.	6	8 ·08	15 ·12	21	14	Wed.	6	8 ·58	19 ·11	21	13	Mon.	6	10 ·88	25 ·19	23
15	Mon.	7	9 ·13	16 ·20	22	15	Thur.	7	9 ·67	20 ·22	22	14	Tues.	7	11 ·87	26 ·21	24
16	Tues.	8	10 ·20	17 ·29	23	16	Fri.	8	10 ·74	21 ·31	23	15	Wed.	8	12 ·83	27 ·22	25
17	Wed.	9	11 ·29	18 ·40	24	17	Sat.	9	11 ·79	22 ·40	24	16	Thur.	9	13 ·77	1 ·20	26
18	Thur.	10	12 ·38	19 ·50	25	18	Sun.	10	12 ·84	23 ·48	25	17	Fri.	10	14 ·70	2 ·16	27
19	Fri.	11	13 ·46	20 ·62	26	19	Mon.	11	13 ·86	24 ·53	26	18	Sat.	11	—**A** ·60	3 ·11	28
20	Sat.	12	14 ·54	21 ·71	27	20	Tues.	12	14 ·86	25 ·56	27	19	Sun.	12	1 ·50	4 ·05	—29
21	Sun.	13	—**A** ·61	22 ·79	28	21	Wed.	13	—**A** ·84	26 ·57	28	20	Mon.	13	2 ·40	5 ·00 / 6 ·93	1
22	Mon.	14	1 ·65	23 ·85	—29	22	Thur.	14	1 ·80	27 ·56	—29						
23	Tues.	15	2 ·67	24 ·89	1	23	Fri.	15	2 ·73	1 ·53	1	21	Tues.	14	3 ·30	7 ·86	2
24	Wed.	16	3 ·67	25 ·92	2	24	Sat.	16	3 ·65	2 ·50	2	22	Wed.	15	4 ·20	8 ·79	3
25	Thur.	17	4 ·66	26 ·92	3	25	Sun.	17	4 ·57	3 ·44	3	23	Thur.	16	5 ·10	9 ·73	4
26	Fri.	18	5 ·63	27 ·90	4	26	Mon.	18	5 ·48	4 ·38	4	24	Fri.	17	6 ·01 / 7 ·93	10 ·69	5
27	Sat.	19	6 ·57	1 ·87	5	27	Tues.	19	6 ·38	5 ·31	5						
28	Sun.	20	7 ·50	2 ·82	6	28	Wed.	20	7 ·28	6 ·24	6	25	Sat.	18	8 ·85	11 ·65	6
29	Mon.	21	8 ·42	3 ·77	7	29	Thur.	21	8 ·18	7 ·18	7	26	Sun.	19	9 ·81	12 ·62	7
—30	Tues.	22	9 ·33	4 ·70	8	30	Fri.	22	9 ·09	8 ·11	8	27	Mon.	20	10 ·79	13 ·62	8
1	Wed.	23	10 ·23	5 ·63	9							28	Tues.	21	11 ·77	14 ·63	9
2	Thur.	24	11 ·13	6 ·56	10	—31	Sat.	23	10 ·00 / 11 ·92	9 ·06	9	29	Wed.	22	12 ·78	15 ·67	10
3	Fri.	25	12 ·03 / 13 ·93	7 ·49	11	1	Sun.	24	12 ·85	10 ·01 / 11 ·98	10	30	Thur.	23	13 ·81	16 ·73	11
												—31	Fri.	24	14 ·87	17 ·81	12
4	Sat.	26	14 ·84	8 ·43	12	2	Mon.	25	13 ·80	12 ·97	11	1	Sat. ○	25	ℙ ·95	18 ·90	13
5	Sun.	27	ℙ ·77	9 ·39	13	3	Tues.	26	14 ·78	13 ·98	12	2	Sun.	26	... ...	... ...	14
6	Mon.	28	1 ·71	10 ·35	14	4	Wed.	27	ℙ ·77	... ...	13	3	Mon.	27	1 ·03	19 ·00	15
7	Tues.	29	2 ·67	11 ·33	15	5	Thur.	28	1 ·78	14 ·00	14	4	Tues.	28	2 ·11	20 ·11	16
8	Wed.	30	3 ·65	12 ·32	16	6	Fri.	29	2 ·83	15 ·05	15	5	Wed.	29	3 ·18	21 ·22	17
9	Thur.	31	4 ·63	13 ·33	17	7	Sat.	30	3 ·88	16 ·11	16	6	Thur.	30	4 ·25	22 ·32	18
					H. 464 Muharram.	8	Sun.	31	4 ·95	17 ·21	*H. 454 Rabī-ul awwal.* 17	7	Fri.	31	5 ·31	23 ·40	*H. 454 Jamāda'l awwal.* 19
	Feb.						**April.**						**June.**				
Plava.			*Bahula.*			*Śubhakṛit.*			*Bahula.*			*Śubhakṛit.*			*Bahula.*		
Kumbha—Māśi.						**Mēsha—Chittirai.**			**Chaitra.**			**Mithuna—Āṇi.**					
10	Fri.	1	5 ·65	14 ·38	18	9	Mon.	1	... ...	18 ·30	18	8	Sat.	1	6 ·35	24 ·47	20
11	Sat.	2	6 ·70	15 ·43	19	10	Tues.	2	5 ·04	19 ·41	19	9	Sun.	2	7 ·36	25 ·51	21
12	Sun.	3	7 ·76	16 ·50	20	11	Wed.	3	6 ·12	20 ·51	20	10	Mon.	3	8 ·36	26 ·54	22
13	Mon.	4	8 ·83	17 ·59	21	12	Thur.	4	7 ·19	21 ·61	21	11	Tues.	4	9 ·35	27 ·54	23
14	Tues.	5	9 ·91	18 ·70	22	13	Fri.	5	8 ·26	22 ·70	22	12	Wed.	5	10 ·31	1 ·53	24
15	Wed.	6	... ...	19 ·81	23	14	Sat.	6	9 ·23	23 ·79	23	13	Thur.	6	11 ·25	2 ·50	25
16	Thur.	7	10 ·00	20 ·92	24	15	Sun.	7	10 ·37	24 ·84	24	14	Fri.	7	12 ·17	3 ·45	26
17	Fri.	8	11 ·08	... ...	25	16	Mon.	8	11 ·38	25 ·88	25	15	Sat.	8	13 ·08 / 14 ·98	4 ·40	27
18	Sat.	9	12 ·16	21 ·01	26	17	Tues.	9	12 ·39	26 ·89	26						
19	Sun.	10	13 ·22	22 ·10	27	18	Wed.	10	13 ·36	27 ·88	27	16	Sun.	9	—**A** ·88	5 ·34	28
20	Mon.	11	14 ·27	23 ·16	28	19	Thur.	11	14 ·33	1 ·87	28	17	Mon.	10	1 ·78	6 ·26	29
21	Tues.	12	—**A** ·28	24 ·22	29	20	Fri.	12	—**A** ·26	2 ·83	29	18	Tues.	11	2 ·68	7 ·19	—30
22	Wed.	13	1 ·29	25 ·24	—30	21	Sat.	13	1 ·19	3 ·78	—30	19	Wed.	12	3 ·58	8 ·13	1
23	Thur.	14	2 ·27	26 ·25	1	22	Sun.	14	2 ·10	4 ·72	1	20	Thur.	13	4 ·49	9 ·07	2
24	Fri.	15	3 ·23	27 ·23	2	23	Mon.	15	3 ·00 / 4 ·90	5 ·65	2	21	Fri.	14	5 ·41	10 ·02 / 11 ·98	3
25	Sat.	16	4 ·17	1 ·20	3												
26	Sun.	17	5 ·09	2 ·15	4	24	Tues.	16	5 ·80	6 ·59	3	22	Sat.	15	6 ·34	12 ·95	4
27	Mon.	18	6 ·01 / 7 ·92	3 ·11	5	25	Wed.	17	6 ·70	7 ·52	4	23	Sun.	16	7 ·29	13 ·94	5
						26	Thur.	18	7 ·60	8 ·45	*H. 454 Rabī-ul ākhir.* 5	24	Mon.	17	8 ·27	14 ·95	6
28	Tues.	19	8 ·82	4 ·04 / 5 ·97	6	27	Fri.	19	8 ·50	9 ·39	6	25	Tues.	18	9 ·25	15 ·99	7
						28	Sat.	20	9 ·48	10 ·34	7	26	Wed.	19	10 ·26	... ...	8
—29	Wed.	20	9 ·72	6 ·90	7	29	Sun.	21	10 ·38	11 ·32	8	27	Thur.	20	11 ·29	16 ·04	9
1	Thur.	21	10 ·62	7 ·83	8	30	Mon.	22	11 ·38	12 ·30	9	28	Fri.	21	12 ·34	17 ·11	10
2	Fri.	22	11 ·53	8 ·78	9	—31	Tues.	23	12 ·29	13 ·30	10	29	Sat.	22	13 ·40	18 ·20	11
3	Sat.	23	12 ·44	9 ·72	10	1	Wed.	24	13 ·28	14 ·32	11	30	Sun.	23	14 ·48	19 ·30	12
4	Sun.	24	13 ·37	10 ·68	11	2	Thur.	25	14 ·29	15 ·36	12	31	Mon.	24	ℙ ·56	20 ·42	13
5	Mon.	25	14 ·30	11 ·65	12	3	Fri.	26	ℙ ·34	16 ·43	13	—32	Tues.	25	1 ·64	21 ·52	14
6	Tues.	26	ℙ ·27	12 ·64	13	4	Sat.	27	1 ·39	17 ·51	14	1	Wed.	26	2 ·72	22 ·62	15
7	Wed.	27	1 ·24	13 ·66	14	5	Sun.	28	2 ·46	18 ·60	15	2	Thur.	27	3 ·79	23 ·71	16
8	Thur.	28	2 ·22	14 ·69	15	6	Mon.	29	3 ·53	19 ·70	16	3	Fri.	28	4 ·83	24 ·77	17
						7	Tues.	30	4 ·61	20 ·81	17	4	Sat.	29	5 ·84	25 ·83	18
												5	Sun.	30	6 ·84	26 ·86	19

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1062. **Kollam 238.** { **N. Malabar—Aug.** / **S. Malabar—July.** } **Hijra 454.** **Vikrama 1119.**
A—Amāvāsyā. Commences Commences Jan. 15. **Bengal San. 468.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	7 ·83	27 ·87	20	6	Sun.	1	10 ·33	7 ·22	23	6	Fri.	1	12 05	14 ·56	25
7	Tues.	2	8 ·78	1 ·86	21	7	Mon.	2	11 ·23	8 ·15	24	7	Sat.	2	13 ·03	15 ·57	26
8	Wed.	3	9 ·73	2 ·83	22	8	Tues.	3	12 ·13	9 ·08	25	8	Sun.	3	14 ·01	16 ·61	27
9	Thur.	4	10 ·66	3 ·79	23	9	Wed.	4	13 ·04	10 ·02	26	9	Mon.	4	—A ·04	17 ·66	28
10	Fri.	5	11 ·58	4 ·74	24				14 ·96	11 ·97		10	Tues.	5	1 ·07	18 ·72	—29
11	Sat.	6	12 ·48	5 ·67	25	10	Thur.	5	—A ·90	12 ·94	27	11	Wed.	6	2 ·12	19 ·81	1
12	Sun.	7	13 ·38	6 ·60	26	11	Fri.	6	1 ·84	13 ·92	28	12	Thur.	7	3 ·19	20 ·91	2
13	Mon.	8	14 ·28	7 ·53	27	12	Sat.	7	2 ·81	14 ·92	29	13	Fri.	8	4 ·28	... ...	3
14	Tues.	9	—A ·18	8 ·46	28	13	Sun.	8	3 ·80	15 ·93	1	14	Sat.	9	5 ·37	21 ·02	4
15	Wed.	10	1 ·08	9 ·41	—29	14	Mon.	9	4 ·82	16 ·97	2	15	Sun.	10	6 ·46	22 ·13	5
			2 ·98			15	Tues.	10	5 ·85	.. ..	3	16	Mon.	11	7 ·54	23 ·23	6
16	Thur.	11	3 ·90	10 ·35	1	16	Wed.	11	6 ·89	17 ·04	4	17	Tues.	12	8 ·61	24 ·32	7
17	Fri.	12	4 ·83	11 ·31	2	17	Thur.	12	7 ·96	18 ·12	5	18	Wed.	13	9 ·66	25 ·39	8
18	Sat.	13	5 ·79	12 ·28	3	18	Fri.	13	... ...	19 ·21	6	19	Thur.	14	10 ·67	26 ·45	9
19	Sun.	14	6 ·75	13 ·26	4	19	Sat.	14	8 ·04	20 ·31	7	20	Fri.	15	11 ·67	27 ·48	10
20	Mon.	15	7 ·73	14 ·28	5	20	Sun.	15	9 ·13	21 ·42	8	21	Sat.	16	12 ·67	1 ·49	11
21	Tues.	16	8 ·75	15 ·30	6	21	Mon.	16	10 ·22	22 ·52	9	22	Sun.	17	13 ·63	2 ·48	12
22	Wed.	17	9 ·77	16 ·35	7	22	Tues.	17	11 ·30	23 ·63	10	23	Mon.	18	14 ·57	3 ·45	13
23	Thur.	18	10 ·82	17 ·42	8	23	Wed.	18	12 ·37	24 ·71	11	24	Tues.	○19	P ·51	4 ·42	14
24	Fri.	19	11 ·89	18 ·50	9	24	Thur.	19	13 ·41	25 ·77	12	25	Wed.	20	1 ·43	5 ·37	15
25	Sat.	20	12 ·97	19 ·61	10	25	Fri.	20	14 ·43	26 ·81	13	26	Thur.	21	2 ·34	6 ·30	16
26	Sun.	21	... ...	20 ·72	11	26	Sat.	21	P ·44	27 ·83	14	27	Fri.	22	3 ·24	7 ·24	17
27	Mon.	22	13 ·06	21 ·82	12	27	Sun.	22	1 ·42	1 ·84	15	28	Sat.	23	4 ·14	8 ·17	18
28	Tues.	23	14 15	22 ·92	13	28	Mon.	23	2 ·40	2 ·83	16						
29	Wed.	24	P ·21	... ...	14	29	Tues.	24	3 ·34	3 ·79	17	—29	Sun.	24	5 ·04	9 ·10	19
30	Thur.	25	1 ·27	23 ·01	15	30	Wed.	25	4 ·27	4 ·74	18				6 ·96		
—31	Fri.	26	2 ·32	24 ·09	16	—31	Thur.	26	5 ·19	5 ·68	19					10 ·04	
1	Sat.	27	3 ·34	25 ·15	17	1	Fri.	27	6 ·10	6 ·63	20	1	Mon.	25	7 ·88	11 ·99	20
2	Sun.	28	4 ·35	26 ·18	18				7 ·01			2	Tues.	26	8 ·80	12 ·93	21
3	Mon.	29	5 ·32	27 ·19	19	2	Sat.	28	8 ·91	7 56	21	3	Wed.	27	9 ·73	13 ·90	22
4	Tues.	30	6 ·28	1 ·18	20	3	Sun.	29	9 ·81	8 ·49	22	4	Thur.	28	10 ·70	14 ·89	23
5	Wed.	31	7 ·24	2 ·17	21	4	Mon.	30	10 ·71	9 ·42	23	5	Fri.	29	11 ·67	15 ·90	24
												6	Sat.	30	12 ·66	16 ·92	25
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	8 ·16	3 ·13	22	5	Tues.	1	11 ·62	10 ·36	24	7	Sun.	1	13 ·69	17 ·96	26
7	Fri.	2	9 ·08	4 ·07	23	6	Wed.	2	12 ·55	11 ·31	25	8	Mon.	2	14 ·72	... ...	27
			10 ·98			7	Thur.	3	13 ·49	12 ·27	26	9	Tues.	3	—A ·78	18 ·03	28
8	Sat.	3	11 ·88	5 ·01	24	8	Fri.	4	14 ·43	13 ·25	27	10	Wed.	4	1 ·85	19 ·11	29
				6 ·94		9	Sat.	5	—A ·41	14 ·24	28	11	Thur.	5	2 ·94	20 ·22	—30
9	Sun.	4	12 ·78	7 ·87	25	10	Sun.	6	1 ·39	15 ·25	29	12	Fri.	6	... ...	21 ·32	1
10	Mon.	5	13 ·68	8 ·81	26	11	Mon.	7	2 ·41	16 ·29	—30	13	Sat.	7	3 ·02	22 ·43	2
11	Tues.	6	14 ·58	9 ·75	27	12	Tues.	8	3 ·44	17 ·35	1	14	Sun.	8	4 ·10	23 ·53	3
12	Wed.	7	—A ·49	10 ·69	28	13	Wed.	9	4 ·49	18 ·42	2	15	Mon.	9	5 ·18	24 ·62	4
13	Thur.	8	1 ·42	11 ·64	29	14	Thur.	10	5 ·57	19 ·51	3	16	Tues.	10	6 ·25	25 ·71	5
14	Fri.	9	2 ·35	12 ·60	—30	15	Fri.	11	6 ·65	20 ·61	4	17	Wed.	11	7 ·30	26 ·76	6
15	Sat.	10	3 ·30	13 ·60	1	16	Sat.	12	7 ·74	21 ·71	5	18	Thur.	12	8 ·33	27 ·80	7
16	Sun.	11	4 ·26	14 ·60	2	17	Sun.	13	8 ·82	22 ·83	6	19	Fri.	13	9 ·33	1 ·81	8
17	Mon.	12	5 ·25	15 ·62	3	18	Mon.	14	9 ·90	23 ·93	7	20	Sat.	14	10 ·31	2 ·81	9
18	Tues.	13	6 ·24	16 ·66	4	19	Tues.	15	10 ·97	...	8	21	Sun.	15	11 ·28	3 ·79	10
19	Wed.	14	7 ·25	17 ·72	5	20	Wed.	16	... ...	24 ·01	9	22	Mon.	16	12 ·22	4 ·75	11
20	Thur.	15	8 ·27	18 ·81	6	21	Thur.	17	11 ·01	25 ·08	10	23	Tues.	17	13 ·15	5 ·70	12
21	Fri.	16	9 ·32	19 ·91	7	22	Fri.	18	12 ·05	26 ·13	11				14 ·08		
22	Sat.	17	10 ·39	... ...	8	23	Sat.	19	13 ·04	27 ·16	12	24	Wed.	18	P ·98	6 ·64	13
23	Sun.	18	11 ·47	20 ·01	9	24	Sun.	20	14 ·03	1 ·17	13	25	Thur.	19	1 ·88	7 ·57	14
24	Mon.	19	12 ·56	21 ·12	10				P ·00			26	Fri.	20	2 ·78	8 ·50	15
25	Tues.	20	13 ·64	22 ·22	11	25	Mon.	21	1 ·95	2 ·15	14	27	Sat.	21	3 ·69	9 ·44	16
26	Wed.	21	14 ·72	23 ·32	12	26	Tues.	22	2 ·88	3 ·12	15	28	Sun.	22	4 ·60	10 ·38	17
27	Thur.	22	P ·79	24 ·40	13	27	Wed.	23	3 ·80	4 ·08	16	—29	Mon.	23	5 ·51	11 ·32	18
28	Fri.	23	1 ·82	25 ·46	14					5 ·03		1	Tues.	24	6 ·44	12 ·27	19
29	Sat.	24	2 ·84	26 ·50	15	28	Thur.	24	4 ·72	6 ·97	17	2	Wed.	25	7 ·36	13 ·23	20
30	Sun.	25	3 ·85	27 ·51	16	29	Fri.	25	5 ·62	7 ·90	18	3	Thur.	26	8 ·32	14 ·21	21
—31	Mon.	26	4 ·84	1 ·51	17	—30	Sat.	26	6 ·52	8 ·83	19	4	Fri.	27	9 ·30	15 ·22	22
1	Tues.	27	5 ·77	2 ·50	18	1	Sun.	27	7 ·42	9 ·76	20	5	Sat.	28	10 ·30	16 ·24	23
2	Wed.	28	6 ·70	3 ·46	19	2	Mon.	28	8 ·33	10 ·70	21	6	Sun.	29	11 ·31	17 ·27	24
3	Thur.	29	7 ·61	4 ·41	20	3	Tues.	29	9 ·24	11 ·65	22	7	Mon.	30	12 ·36	18 ·33	25
4	Fri.	30	8 ·52	5 ·35	21	4	Wed.	30	10 ·16	12 ·60	23	8	Tues.	31	13 ·43	19 ·42	26
5	Sat.	31	9 ·43	6 ·28	22	5	Thur.	31	11 ·10	13 ·57	24						

Śubhakṛit. **Karkaṭaka—Āḍi.** Bahula. Śukla. **Śrāvaṇa.** Bahula. Śubhakṛit. **Siṁha—Āvaṇi.** Śukla. Bahula. **Bhādrapada.** Śubhakṛit. **Kanyā—Puraṭṭāśi.** Bahula. Śukla. **Āśvina.** Bahula. Śubhakṛit. **Tulā—Aippaśi.** Śukla. Bahula. **Kārttika.** Śubhakṛit. **Vṛiśchika—Kārttigai.** Śukla. Bahula. **Mārgaśirsha.** Śubhakṛit. **Dhanus—Mārgali.** Śukla. Bahula. **Pausha.** Śubhakṛit. **Makara—Tai.** Bahula. Śukla.

H. 454 Śha'bān. H. 454 Ramazān. H. 454 Shawwāl. H. 454 Zi-l-ka'da. H. 454 Zi-l-ḥijja.

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1083. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·04.** **Śaka 985.** **Kaliyuga 4164.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·00.** **(S. Cycle) Śobhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	14 ·50	20 ·52	27	8	Sat. 1	... ...	24 ·54	27	8	Thur. 1	—A ·19	3 ·43	—29
10	Thur. 2	—A ·60	21 ·62	28	9	Sun. 2	14 ·04	25 ·62	28	9	Fri. 2	1 ·14	4 ·42	1
11	Fri. 3	1 ·69	22 ·72	—29	10	Mon. 3	—A ·10	26 ·69	—29	10	Sat. 3	2 ·08	5 ·38	2
12	Sat. 4	2 ·77	23 ·83	1	11	Tues. 4	1 ·15	27 ·74	1	11	Sun. 4	3 ·00	6 ·33	3
13	Sun. 5	3 ·84	24 ·93	2	12	Wed. 5	2 ·17	1 ·78	2			4 ·91		
14	Mon. 6	4 ·90	... ...	3	13	Thur. 6	3 ·16	2 ·79	3	12	Mon. 5	5 ·81	7 ·27	4
15	Tues. 7	5 ·94	25 ·01	4	14	Fri. 7	4 ·15	3 ·78	4	13	Tues. 6	6 ·71	8 ·21	5
16	Wed. 8	6 ·97	26 ·07	5	15	Sat. 8	5 ·09	4 ·75	5	14	Wed. 7	7 ·61	9 ·15	6
17	Thur. 9	7 ·97	27 ·11	6			6 ·03			15	Thur. 8	8 ·51	10 ·08	7
18	Fri. 10	8 ·95	1 ·13	7	16	Sun. 9	7 ·96	5 ·71	6				11 ·01	
19	Sat. 11	9 ·91	2 ·14	8	17	Mon. 10	8 ·88	6 ·66	7	16	Fri. 9	9 ·41	12 ·95	8
20	Sun. 12	10 ·85	3 ·12	9	18	Tues. 11	9 ·78	7 ·60	8	17	Sat. 10	10 ·32	13 ·90	9
21	Mon. 13	11 ·79	4 ·09	10	19	Wed. 12	10 ·68	8 ·53	9	18	Sun. 11	11 ·25	14 ·86	10
			5 ·04		20	Thur. 13	11 ·58	9 ·46	10	19	Mon. 12	12 ·18	15 ·84	11
22	Tues. 14	12 ·70	6 ·98	11	21	Fri. 14	12 ·48	10 ·39	11	20	Tues. 13	13 ·14	16 ·84	12
23	Wed. 15	13 ·60	7 ·91	12	22	Sat. 15	13 ·39	11 ·33	12	21	Wed. 14	14 ·11	17 ·85	13
24	Thur. 16	14 ·50	8 ·85	13	23	Sun. 16	14 ·30	12 ·28	13	22	Thur. ○ 15	P ·10	18 ·89	14
25	Fri. 17	P ·40	9 ·78	14	24	Mon. 17	P ·22	13 ·23	14	23	Fri. 16	1 ·11	19 ·95	15
26	Sat. 18	1 ·31	10 ·71	15	25	Tues. 18	1 ·16	14 ·20	15	24	Sat. 17	2 ·14	... ...	16
27	Sun. 19	2 ·22	11 ·65	16	26	Wed. 19	2 ·12	15 ·18	16	25	Sun. 18	3 ·20	20 ·03	17
28	Mon. 20	3 ·14	12 ·60	17	27	Thur. 20	3 ·10	16 ·20	17	26	Mon. 19	4 ·26	21 ·12	18
29	Tues. 21	4 ·06	13 ·57	18	28	Fri. 21	4 ·09	17 ·22	18	27	Tues. 20	5 ·34	22 ·22	19
		5 ·00			29	Sat. 22	5 ·12	18 ·27	19	28	Wed. 21	6 ·43	23 ·33	20
—30	Wed. 22	6 ·97	14 ·55	19	—30	Sun. 23	6 ·15	19 ·33	20	29	Thur. 22	7 ·52	24 ·43	21
1	Thur. 23	7 ·94	15 ·54	20	1	Mon. 24	7 ·20	20 ·42	21	30	Fri. 23	8 ·59	25 ·54	22
2	Fri. 24	8 ·93	16 ·55	21	2	Tues. 25	8 ·29	21 ·51	22	—31	Sat. 24	9 ·63	26 ·62	23
3	Sat. 25	9 ·96	17 ·59	22	3	Wed. 26	9 ·37	22 ·63	23	1	Sun. 25	10 ·69	27 ·69	24
4	Sun. 26	... ...	18 ·65	23	4	Thur. 27	10 ·45	23 ·73	24	2	Mon. 26	11 ·70	1 ·73	25
5	Mon. 27	10 ·00	19 ·72	24	5	Fri. 28	11 ·52	24 ·84	25	3	Tues. 27	12 ·69	2 ·75	26
6	Tues. 28	11 ·06	20 ·81	25	6	Sat. 29	12 ·59	25 ·93	26	4	Wed. 28	13 ·67	3 ·76	27
7	Wed. 29	12 ·12	21 ·92	26	7	Sun. 30	13 ·65	... ...	27	5	Thur. 29	14 ·63	4 ·75	28
8	Thur. 30	13 ·22	... ...	27	8	Mon. 31	14 ·69	26 ·00	28	6	Fri. 30	—A ·56	5 ·72	29
9	Fri. 31	14 ·30	22 ·02	28						7	Sat. 31	1 ·49	6 ·67	—30
	Feb.					**April.**					**June.**			
10	Sat. 1	—A ·38	23 ·14	29	9	Tues. 1	—A ·71	27 ·06	29	8	Sun. 1	2 ·40	7 ·61	1
11	Sun. 2	1 ·45	24 ·23	—30	10	Wed. 2	1 ·70	1 ·10	—30	9	Mon. 2	3 ·30	8 ·54	2
12	Mon. 3	2 ·52	25 ·32	1	11	Thur. 3	2 ·69	2 ·11	1	10	Tues. 3	4 ·20	9 ·48	3
13	Tues. 4	3 ·57	26 ·38	2	12	Fri. 4	3 ·83	3 ·10	2	11	Wed. 4	5 ·10	10 ·41	4
14	Wed. 5	4 ·59	27 ·43	3	13	Sat. 5	4 ·57	4 ·08	3			6 ·00		
15	Thur. 6	5 ·58	1 ·45	4	14	Sun. 6	5 ·50	5 ·05	4	12	Thur. 5	7 ·90	11 ·34	5
16	Fri. 7	6 ·56	2 ·47	5	15	Mon. 7	6 ·42	6 ·00	5	13	Fri. 6	8 ·81	12 ·28	6
17	Sat. 8	7 ·51	3 ·45	6				7 ·94		14	Sat. 7	9 ·73	13 ·23	7
18	Sun. 9	8 ·45	4 ·42	7	16	Tues. 8	7 ·32	8 ·87	6	15	Sun. 8	10 ·66	14 ·20	8
19	Mon. 10	9 ·39	5 ·37	8	17	Wed. 9	8 ·22	9 ·80	7	16	Mon. 9	11 ·62	15 ·17	9
20	Tues. 11	10 ·31	6 ·32	9	18	Thur. 10	9 ·12	10 ·74	8	17	Tues. 10	12 ·61	16 ·16	10
21	Wed. 12	11 ·22	7 ·26	10			10 ·02			18	Wed. 11	13 ·58	17 ·17	11
22	Thur. 13	12 ·12	8 ·19	11	19	Fri. 11	11 ·92	11 ·67	9	19	Thur. 12	14 ·59	18 ·20	12
		13 ·02			20	Sat. 12	12 ·83	12 ·61	10	20	Fri. 13	P ·63	19 ·26	13
23	Fri. 14	14 ·92	9 ·12	12	21	Sun. 13	13 ·75	13 ·56	11	21	Sat. 14	1 ·67	20 ·33	14
			10 ·05		22	Mon. 14	14 ·69	14 ·53	12	22	Sun. 15	2 ·74	21 ·42	15
24	Sat. 15	P ·82	11 ·99	13	23	Tues. 15	P ·64	15 ·51	13	23	Mon. 16	3 ·82	22 ·52	16
25	Sun. 16	1 ·74	12 ·94	14	24	Wed. 16	1 ·62	16 ·52	14	24	Tues. 17	4 ·91	23 ·63	17
26	Mon. 17	2 ·66	13 ·90	15	25	Thur. 17	2 ·61	17 ·54	15	25	Wed. 18	5 ·99	24 ·74	18
27	Tues. 18	3 ·60	14 ·87	16	26	Fri. 18	3 ·64	18 ·58	16	26	Thur. 19	... ...	25 ·84	19
28	Wed. 19	4 ·56	15 ·86	17	27	Sat. 19	4 ·67	19 ·64	17	27	Fri. 20	6 ·06	26 ·93	20
29	Thur. 20	5 ·53	16 ·87	18	28	Sun. 20	5 ·72	20 ·72	18	28	Sat. 21	7 ·12	... ...	21
—30	Fri. 21	6 ·53	17 ·91	19	29	Mon. 21	6 ·79	21 ·82	19	29	Sun. 22	8 ·15	27 ·00	22
1	Sat. 22	7 ·56	18 ·96	20	30	Tues. 22	7 ·86	22 ·93	20	30	Mon. 23	9 ·17	1 ·04	23
2	Sun. 23	8 ·60	... ...	21	—31	Wed. 23	8 ·94	... ...	21	31	Tues. 24	10 ·17	2 ·08	24
3	Mon. 24	9 ·65	19 ·03	22	1	Thur. 24	... ...	23 ·03	22	—32	Wed. 25	11 ·15	3 ·09	25
4	Tues. 25	10 ·73	20 ·12	23	2	Fri. 25	9 ·02	24 ·14	23	1	Thur. 26	12 ·10	4 ·08	26
5	Wed. 26	11 ·81	21 ·21	24	3	Sat. 26	10 ·10	25 ·23	24			13 ·04		
6	Thur. 27	12 ·90	22 ·33	25	4	Sun. 27	11 ·16	26 ·32	25	2	Fri. 27	14 ·97	5 ·05	27
7	Fri. 28	13 ·98	23 ·44	26	5	Mon. 28	12 ·20	27 ·38	26	3	Sat. 28	—A ·89	6 ·00	28
					6	Tues. 29	13 ·22	1 ·41	27				7 ·95	
					7	Wed. 30	14 ·23	2 ·43	28	4	Sun. 29	1 ·79	8 ·89	—29
										5	Mon. 30	2 ·69	9 ·82	1

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1063. **Kollam 239,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra** { **455.** Commences **Jan. 4.** / **456.** Do. **Dec. 25.** **Vikrama 1120.** **Bengal San. 469.** **(N. Cycle) Viśvāvasu**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	3 ·59	10 ·75	2	6	Mon.	1	6 ·12	17 ·14	5	6	Sat.	1	8 ·57	23 ·13	7
7	Wed.	2	4 ·49	11 ·68	3	7	Tues.	2	7 ·11	18 ·15	6	7	Sun.	2	9 ·66	24 ·23	8
8	Thur.	3	5 ·39	12 ·62	4	8	Wed.	3	8 ·12	19 ·19	7	8	Mon.	3	10 ·75	25 ·35	9
9	Fri.	4	6 ·30	13 ·57	5	9	Thur.	4	9 ·15	20 ·25	8	9	Tues.	4	11 ·83	26 ·45	10
10	Sat.	5	7 ·22	14 ·53	6	10	Fri.	5	10 ·21	21 ·33	9	10	Wed.	5	12 ·89	27 ·54	11
11	Sun.	6	8 ·14	15 ·50	7	11	Sat.	6	11 ·27	22 ·43	10	11	Thur.	6	13 ·94	1 ·61	12
12	Mon.	7	9 ·10	16 ·48	8	12	Sun.	7	12 ·35	23 ·53	11	12	Fri.	7	14 ·96	2 ·66	13
13	Tues.	8	10 ·08	17 ·49	9	13	Mon.	8	13 ·44	24 ·64	12	13	Sat.○	8	P ·97	3 ·70	14
14	Wed.	9	11 ·06	18 ·52	10	14	Tues.	9	14 ·52	25 ·74	13	14	Sun.	9	1 ·95	4 ·71	15
15	Thur.	10	12 ·08	19 ·57	11	15	Wed.	10	P ·60	26 ·84	14	15	Mon.	10	2 ·91	5 ·70	16
16	Fri.	11	13 ·11	20 ·64	12	16	Thur.	11	1 ·66	27 ·93	15	16	Tues.	11	3 ·86	6 ·67	17
17	Sat.	12	14 ·15	21 ·72	13	17	Fri.	12	2 ·71	1 ·99	16	17	Wed.	12	4 ·79	7 ·63	18
18	Sun.	13	P ·22	22 ·82	14	18	Sat.	13	3 ·74	... ...	17	18	Thur.	13	5 ·71	8 ·58	19
19	Mon.	14	1 ·30	23 ·94	15	19	Sun.	14	4 ·73	2 ·03	18	19	Fri.	14	6 ·61	9 ·52	20
20	Tues.	15	2 ·38	... ...	16	20	Mon.	15	5 ·72	3 ·05	19	20	Sat.	15	7 ·52	10 ·46	21
21	Wed.	16	3 ·47	24 ·04	17	21	Tues.	16	6 ·68	4 ·05	20	21	Sun.	16	8 ·42	11 ·39	22
22	Thur.	17	4 ·54	25 ·14	18	22	Wed.	17	7 ·64	5 ·05	21	22	Mon.	17	9 ·32	12 ·31	23
23	Fri.	18	5 ·59	26 ·23	19	23	Thur.	18	8 ·56	6 ·01 7 ·96	22	23	Tues.	18	10 ·23	13 ·25	24
24	Sat.	19	6 ·63	27 ·30	20							24	Wed.	19	11 ·15	14 ·20	25
25	Sun.	20	7 ·67	1 ·36	21	24	Fri.	19	9 ·48	8 ·90	23	25	Thur.	20	12 ·07	15 ·15	26
26	Mon.	21	8 ·66	2 ·40	22	25	Sat.	20	10 ·39	9 ·84	24				13 ·02		
27	Tues.	22	9 ·65	3 ·41	23	26	Sun.	21	11 ·29	10 ·78	25	26	Fri.	21	14 ·98	16 ·12	27
28	Wed.	23	10 ·60	4 ·40	24	27	Mon.	22	12 ·19	11 ·71	26	27	Sat.	22	A ·95	17 ·11	28
29	Thur.	24	11 ·54	5 ·38	25				13 ·09			28	Sun.	23	1 ·96	18 ·11	29
30	Fri.	25	12 ·47	6 ·34	26	28	Tues.	23	14 ·99	12 ·64	27	29	Mon.	24	2 ·97	19 ·14	30
31	Sat.	26	13 ·38	7 ·29	27	29	Wed.	24	A ·90	13 ·58	28	1	Tues.	25	... ...	20 ·18	1
1	Sun.	27	14 ·29	8 ·23	28	30	Thur.	25	1 ·84	14 ·52	29	2	Wed.	26	3 ·01	21 ·25	2
2	Mon.	28	A ·19	9 ·16	29	31	Fri.	26	2 ·78	15 ·49	30	3	Thur.	27	4 ·06	22 ·33	3
			1 ·09			1	Sat.	27	3 ·73	16 ·47	1	4	Fri.	28	5 ·14	23 ·43	4
3	Tues.	29	2 ·99	10 ·09	30	2	Sun.	28	4 ·70	17 ·46	2	5	Sat.	29	6 ·23	24 ·54	5
				11 ·02		3	Mon.	29	5 ·69	18 ·47	3	6	Sun.	30	7 ·32	25 ·65	6
4	Wed.	30	3 ·89	12 ·96	1	4	Tues.	30	6 ·70	19 ·50	4						
5	Thur.	31	4 ·80	13 ·91	2												
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1				5	Wed.	1	7 ·73	20 ·56	5	7	Mon.	1	8 ·40	26 ·75	7
7	Sat.	2	5 ·72	14 ·86	3	6	Thur.	2	8 ·80	21 ·64	6	8	Tues.	2	9 ·48	27 ·84	8
8	Sun.	3	6 ·66	15 ·82	4	7	Fri.	3	9 ·87	22 ·73	7	9	Wed.	3	10 ·55	1 ·92	9
9	Mon.	4	7 ·60	16 ·81	5	8	Sat.	4	10 ·95	23 ·83	8	10	Thur.	4	11 ·59	2 ·98	10
10	Tues.	5	8 ·58	17 ·82	6	9	Sun.	5	... ...	24 ·93	9	11	Fri.	5	12 ·62	... ...	11
11	Wed.	6	9 ·57	18 ·84	7	10	Mon.	6	11 ·03	... ...	10	12	Sat.	6	13 ·61	3 ·02	12
12	Thur.	7	10 ·57	19 ·88	8	11	Tues.	7	12 ·12	25 ·04	11	13	Sun.	7	14 ·61	4 ·03	13
13	Fri.	8	11 ·61	20 ·94	9	12	Wed.	8	13 ·20	26 ·15	12	14	Mon.	8	P ·55	5 ·03	14
14	Sat.	9	12 ·66	... ...	10	13	Thur.	9	14 ·26	27 ·23	13	15	Tues.	9	1 ·50	6 ·00 7 ·96	15
15	Sun.	10	13 ·74	21 ·02	11	14	Fri.	10	P ·31	1 ·30	14						
16	Mon.	11	14 ·82	22 ·13	12	15	Sat.	11	1 ·34	2 ·35	15	16	Wed.	10	2 ·43	8 ·92	16
17	Tues.	12	P ·90	23 ·23	13	16	Sun.	12	2 ·34	3 ·37	16	17	Thur.	11	3 ·34	9 ·86	17
18	Wed.	13	1 ·98	24 ·34	14	17	Mon.	13	3 ·32	4 ·39	17	18	Fri.	12	4 ·25	10 ·79	18
19	Thur.	14	... ...	25 ·44	15	18	Tues.	14	4 ·28	5 ·37	18	19	Sat.	13	5 ·16	11 ·72	19
20	Fri.	15	2 ·06	26 ·53	16	19	Wed.	15	5 ·24	6 ·34	19				6 ·07		
21	Sat.	16	3 ·11	27 ·61	17	20	Thur.	16	6 ·16	7 ·30	20	20	Sun.	14	7 ·97	12 ·65	20
22	Sun.	17	4 ·15	1 ·68	18				7 ·08			21	Mon.	15	8 ·87	13 ·60	21
23	Mon.	18	5 ·19	2 ·72	19	21	Fri.	17	8 ·99	8 ·24	21	22	Tues.	16	9 ·79	14 ·54	22
24	Tues.	19	6 ·18	3 ·73	20	22	Sat.	18	9 ·89	9 ·19	22	23	Wed.	17	10 ·72	15 ·49	23
25	Wed.	20	7 ·17	4 ·78	21	23	Sun.	19	10 ·81	10 ·12	23	24	Thur.	18	11 ·66	16 ·45	24
26	Thur.	21	8 ·12	5 ·71	22					11 ·05		25	Fri.	19	12 ·62	17 ·43	25
			9 ·08	6 ·68	23	24	Mon.	20	11 ·69	12 ·98	24	26	Sat.	20	13 ·60	18 ·44	26
27	Fri.	22	10 ·00 11 ·91	7 ·63	24	25	Tues.	21	12 ·60	13 ·91	25	27	Sun.	21	14 ·60	19 ·46	27
28	Sat.	23	12 ·82	8 ·57	25	26	Wed.	22	13 ·51	14 ·86	26	28	Mon.	22	A ·61	20 ·49	28
29	Sun.	24	13 ·72	9 ·50	26	27	Thur.	23	14 ·44	15 ·82	27	29	Tues.	23	1 ·65	21 ·55	29
30	Mon.	25	14 ·62	10 ·43	27	28	Fri.	24	A ·38	16 ·79	28	30	Wed.	24	2 ·72	22 ·63	30
31	Tues.	26	A ·52	11 ·37	28	29	Sat.	25	1 ·34	17 ·78	29	1	Thur.	25	3 ·80	23 ·74	1
1	Wed.	27	1 ·42	12 ·30	29	30	Sun.	26	2 ·31	18 ·79	1	2	Fri.	26	4 ·88	24 ·84	2
2	Thur.	28	2 ·33	13 ·24	1	1	Mon.	27	3 ·32	19 ·82	2	3	Sat.	27	5 ·97	25 ·94	3
3	Fri.	29	3 ·26	14 ·19	2	2	Tues.	28	4 ·33	20 ·88	3	4	Sun.	28	... ...	... ...	4
4	Sat.	30	4 ·20	15 ·15	3	3	Wed.	29	5 ·35	21 ·94	4	5	Mon.	29	6 ·06	26 ·05	5
5	Sun.	31	5 ·14	16 ·14	4	4	Thur.	30	6 ·41	...	5	6	Tues.	30	7 ·13	27 ·14	6
						5	Fri.	31	7 ·49	22 ·03	6	7	Wed.	31	8 ·19	1 ·22	7

Śobhana. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Adhika Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Sukla.*

Śobhana. **Kanyā—Puraṭṭāsi.** *Bahula.* **Nija Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Sukla.*

Śobhana. **Tulā—Aippasi.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Sukla.*

Śobhana. **Vriśchika—Karttigai.** *Bahula.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Sukla.*

Śobhana. **Dhanus—Mārgaḷi.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Bahula.*

Śobhana. **Simha—Āvani.** *Sukla.* **Bhādrapada.** *Bahula.* **Adhika Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Sukla.* **Pausha.** *Sukla.*

H. 455 *Rajab.* H. 455 *Sha'bán.* H. 455 *Ramazán.* H. 455 *Shawwál.* H. 455 *Zí-l-ka'da.* H. 455 *Zí-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1064. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·30.** **Śaka 986.** **Kaliyuga 4165.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·26.** **(S. Cycle) Krodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Thur. 1	9 ·22	2 ·29	8	9	Mon. 1	10 ·33	8 ·93	9	9	Sat. 1	13 ·74	14 ·23	11
9	Fri. 2	10 ·25	3 ·33	9	10	Tues. 2	11 ·26	9 ·87	10	10	Sun. 2	14 ·65	15 ·17	12
10	Sat. 3	11 ·25	4 ·35	10	11	Wed. 3	12 ·18	10 ·82	11	11	Mon. ○ 3	P ·57	16 ·11	13
11	Sun. 4	12 ·24	5 ·35	11	12	Thur. 4	13 ·08 / 14 ·98	11 ·75	12	12	Tues. 4	1 ·50	17 ·08	14
12	Mon. 5	13 ·20	6 ·33	12						13	Wed. 5	2 ·46	18 ·05	15
13	Tues. 6	14 ·14	7 ·31	13	13	Fri. 5	P ·88	12 ·68	13	14	Thur. 6	3 ·44	19 ·06	16
14	Wed. 7	P ·06 / 1 ·97	8 ·26	14	14	Sat. 6	1 ·78	13 ·61	14	15	Fri. 7	4 ·43	20 ·07	17
					15	Sun. 7	2 ·69	14 ·54	15	16	Sat. 8	5 ·44	21 ·11	18
15	Thur. 8	2 ·88	9 ·20	15	16	Mon. 8	3 ·60	15 ·50	16	17	Sun. 9	6 ·48	22 ·17	19
16	Fri. 9	3 ·79	10 ·13	16	17	Tues. 9	4 ·53	16 ·45	17	18	Mon. 10	7 ·54	23 ·24	20
17	Sat. 10	4 ·69	11 ·06	17	18	Wed. 10	5 ·46	17 ·42	18	19	Tues. 11	8 ·61	24 ·34	21
18	Sun. 11	5 ·59	12 ·00 / 13 ·93	18	19	Thur. 11	6 ·44	18 ·40	19	20	Wed. 12	9 ·68	25 ·44	22
					20	Fri. 12	7 ·41	19 ·41	20	21	Thur. 13	10 ·76	26 ·55	23
19	Mon. 12	6 ·50	14 ·87	19	21	Sat. 13	8 ·40	20 ·43	21	22	Fri. 14	11 ·85	27 ·65	24
20	Tues. 13	7 ·42	15 ·82	20	22	Sun. 14	9 ·42	21 ·49	22	23	Sat. 15	12 ·91	1 ·75	25
21	Wed. 14	8 ·35	16 ·78	21	23	Mon. 15	10 ·45	22 ·55	23	24	Sun. 16	13 ·97	2 ·83	26
22	Thur. 15	9 ·30	17 ·77	22	24	Tues. 16	11 ·52	23 ·64	24	25	Mon. 17	... ...	3 ·91	27
23	Fri. 16	10 ·25	18 ·76	23	25	Wed. 17	12 ·59	24 ·73	25	26	Tues. 18	14 ·00	4 ·95	28
24	Sat. 17	11 ·24	19 ·77	24	26	Thur. 18	13 ·68	25 ·84	26	27	Wed. 19	—A ·02	5 ·97	29
25	Sun. 18	12 ·23	20 ·81	25	27	Fri. 19	14 ·77	26 ·95	27	28	Thur. 20	1 ·01	6 ·97	—30
26	Mon. 19	13 ·26	21 ·86	26	28	Sat. 20	—A ·85	... ...	28					
27	Tues. 20	14 ·29	22 ·94	27	29	Sun. 21	1 ·91	27 ·06	29	29	Fri. 21	2 ·00 / 3 ·95	7 ·96	1
28	Wed. 21	—A ·35	... ...	28	—30	Mon. 22	2 ·97	1 ·15	—30	30	Sat. 22	4 ·88	8 ·94	2
—29	Thur. 22	1 ·43	23 ·03	29	1	Tues. 23	... ...	2 ·22	1	31	Sun. 23	5 ·81	9 ·89	3
1	Fri. 23	2 ·51	24 ·14	—30	2	Wed. 24	3 ·01	3 ·27	2	—32	Mon. 24	6 ·72	10 ·83	4
2	Sat. 24	3 ·60	25 ·24	1	3	Thur. 25	4 ·02	4 ·32	3	1	Tues. 25	7 ·62	11 ·76	5
3	Sun. 25	4 ·68	26 ·35	2						2	Wed. 26	8 ·52	12 ·69	6
4	Mon. 26	5 ·76	27 ·44	3	4	Fri. 26	5 ·02 / 6 ·99	5 ·33	4	3	Thur. 27	9 ·42	13 ·63	7
5	Tues. 27	6 ·82	1 ·54	4	5	Sat. 27	7 ·94	6 ·32	5	4	Fri. 28	10 ·32	14 ·57	8
6	Wed. 28	7 ·87	2 ·60	5	6	Sun. 28	8 ·88	7 ·30	6	5	Sat. 29	11 ·22	15 ·50	9
7	Thur. 29	8 ·88	3 ·65	6	7	Mon. 29	9 ·81	8 ·26	7	6	Sun. 30	12 ·13	16 ·45	10
8	Fri. 30	9 ·87	4 ·67	7	8	Tues. 30	10 ·72	9 ·21	8					
9	Sat. 31	10 ·86	5 ·68	8	9	Wed. 31	11 ·62	10 ·16	9	7	Mon. 31	13 ·04 / 14 ·98	17 ·41	11
	Feb					**April.**					**June.**			
10	Sun. 1	11 ·81	6 ·67	9	10	Thur. 1	12 ·52	11 ·09	10	8	Tues. 1	P ·94	18 ·39	12
11	Mon. 2	12 ·75	7 ·64	10				12 ·02		9	Wed. 2	1 ·92	19 ·38	13
12	Tues. 3	13 ·68	8 ·59	11	11	Fri. 2	13 ·42	13 ·95	11	10	Thur. 3	2 ·91	20 ·39	14
13	Wed. 4	14 ·60	9 ·54	12	12	Sat. 3	14 ·32	14 ·88	12	11	Fri. 4	3 ·92	21 ·42	15
14	Thur. 5	P ·50	10 ·47	13	13	Sun. 4	P ·22	15 ·83	13	12	Sat. 5	4 ·96	22 ·47	16
15	Fri. 6	1 ·40	11 ·41	14	14	Mon. 5	1 ·14	16 ·78	14	13	Sun. 6	... ...	23 ·55	17
16	Sat. 7	2 ·30	12 ·34	15	15	Tues. 6	2 ·06	17 ·75	15	14	Mon. 7	5 ·01	24 ·64	18
17	Sun. 8	3 ·20	13 ·27	16						15	Tues. 8	6 ·08	25 ·74	19
18	Mon. 9	4 ·11	14 ·21	17	16	Wed. 7	3 ·00 / 4 ·96	18 ·73	16	16	Wed. 9	7 ·15	26 ·85	20
19	Tues. 10	5 ·02 / 6 ·95	15 ·15	18	17	Thur. 8	5 ·93	19 ·73	17	17	Thur. 10	8 ·24	27 ·95	21
					18	Fri. 9	6 ·93	20 ·76	18	18	Fri. 11	9 ·32	... ...	22
20	Wed. 11	7 ·89	16 ·12	19	19	Sat. 10	7 ·95	21 ·80	19	19	Sat. 12	10 ·39	1 ·05	23
21	Thur. 12	8 ·87	17 ·09	20	20	Sun. 11	8 ·99	22 ·86	20	20	Sun. 13	11 ·45	2 ·15	24
22	Fri. 13	9 ·85	18 ·08	21	21	Mon. 12	. ...	23 ·94	21	21	Mon. 14	12 ·48	3 ·22	25
23	Sat. 14	10 ·83	19 ·09	22	22	Tues. 13	9 ·05	... ...	22	22	Tues. 15	13 ·50	4 ·26	26
24	Sun. 15	11 ·86	20 ·12	23	23	Wed. 14	10 ·12	24 ·03	23	23	Wed. 16	14 ·49	5 ·29	27
25	Mon. 16	12 ·89	21 ·17	24	24	Thur. 15	11 ·19	25 ·15	24	24	Thur. 17	—A ·47	6 ·30	28
26	Tues. 17	13 ·95	22 ·25	25	25	Fri. 16	12 ·27	26 ·25	25	25	Fri. 18	1 ·42	7 ·30	—29
27	Wed. 18	.. ...	23 ·34	26	26	Sat. 17	13 ·36	27 ·36	26	26	Sat. 19	2 ·37	8 ·27	1
28	Thur. 19	14 ·03	24 ·43	27	27	Sun. 18	14 ·43	1 ·45	27	27	Sun. 20	3 ·29	9 ·22	2
29	Fri. 20	—A ·12	25 ·54	28	28	Mon. ● 19	—A ·49	2 ·53	28	28	Mon. 21	4 ·20	10 ·17	3
30	Sat. 21	1 ·20	26 ·65	—29	29	Tues. 20	1 ·52	3 ·60	29	29	Tues. 22	5 ·10	11 ·10	
1	Sun. 22	2 ·28	27 ·76	1	30	Wed. 21	2 ·54	4 ·68	1	30	Wed. 23	6 ·00 / 7 ·90	12 ·04 / 13 ·97	4
2	Mon. 23	3 ·36	1 ·84	2	31	Thur. 22	3 ·53	5 ·65	2			8 ·80	14 ·90	5
3	Tues. 24	4 ·42	2 ·91	3	1	Fri. 23	4 ·51	6 ·65	3	—31	Thur. 24	9 ·71	15 ·84	6
4	Wed. 25	5 ·46	3 ·96	4	2	Sat. 24	5 ·46	7 ·63	4	1	Fri. 25	10 ·62	18 ·78	7
5	Thur. 26	6 ·47	4 ·99	5	3	Sun. 25	6 ·39	8 ·59	5	2	Sat. 26	11 ·53	17 ·75	8
6	Fri. 27	7 ·47	.. ...	6	4	Mon. 26	7 ·32	9 ·55	6	3	Sun. 27	12 ·46	18 ·72	9
7	Sat. 28	8 ·45	5 ·01	7	5	Tues. 27	8 ·23	10 ·49	7	4	Mon. 28	13 ·42	19 ·70	10
8	Sun. 29	9 ·39	6 ·00 / 7 ·97	8	6	Wed. 28	9 ·13	11 ·43	8	5	Tues. 29	14 ·40	20 ·71	11
					7	Thur. 29	10 ·03 / 11 ·93	12 ·36	9	6	Wed. 30			12
					8	Fri. 30	12 ·83	13 ·29	10					

Sobhana. **Mina—Paṅguni.** | *Sobhana.* **Makara—Tai.** | *Sobhana.* **Kumbha—Māśi.** | *Krodhin.* **Vṛish.—Vaigāśi.** | *Sobhana.* **Mīna—Paṅguni.** | *Krodhin.* **Mēsha—Chittirai.** | *Krodhin.* **Vṛishabha—Vaigāśi.** | *Krodhin.* **Mithuna—Āni.** | *Krodhin.* **Kark.—Ādi.**

Phāl. Śukla. | *Bahula.* | *Śukla.* | *Bahula.* | *Śukla.* | *Bahula.* | *Śukla.* | *Bahula.* | *Śukla.* | *Bahula.* | *Śukla.*

H. 456 Muharram. | *H. 456 Śafar.* | *H. 456 Rabī-ul awwal.* | *H. 456 Rabī-ul ākhir.* | *H. 456 Jamādā'l awwal.* | *H. 456 Jamādā'l ākhir.* | *H. 456 Rajab.* | *H. 456 Shaʿbān.*

Naksh: -1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1064. **Kollam 240,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 457.** Commences **Dec. 13.** **Vikrama 1121.** **Bengal San. 470.** **(N. Cycle) Parābhava.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Thur.	1	P ·38	21 ·73	13	6	Wed.	1	3 ·84	1 ·96	16	7	Mon.	1	4 ·25	7 ·92	18
8	Fri.	2	1 ·40	22 ·78	14	7	Thur.	2	4 ·91	... ...	17	8	Tues.	2	5 ·24	8 ·92	19
9	Sat.	3	2 ·43	23 ·86	15	8	Fri.	3	5 ·98	2 ·06	18	9	Wed.	3	6 ·19	9 ·89	20
10	Sun.	4	3 ·48	24 ·94	16	9	Sat.	4	... ...	3 ·14	19	10	Thur.	4	7 ·14	10 ·85	21
11	Mon.	5	4 ·55	... ...	17	10	Sun.	5	6 ·02	4 ·21	20	11	Fri.	5	8 ·08	11 ·80	22
12	Tues.	6	5 ·73	25 ·04	18	11	Mon.	6	7 ·03	5 ·25	21				9 ·99		
13	Wed.	7	6 ·62	26 ·15	19	12	Tues.	7	8 ·04	6 ·27	22	12	Sat.	6	10 ·90	12 ·73	23
14	Thur.	8	7 ·79	27 ·25	20	13	Wed.	8	9 ·02	7 ·27	23	13	Sun.	7	11 ·80	13 ·68	24
15	Fri.	9	8 ·86	1 ·36	21				10 ·99			14	Mon.	8	12 ·70	14 ·60	25
16	Sat.	10	9 ·92	2 ·45	22	14	Thur.	9	11 ·93	8 ·26	24	15	Tues.	9	13 ·60	15 ·53	26
17	Sun.	11	10 ·96	3 ·52	23	15	Fri.	10	12 ·86	9 ·22	25	16	Wed.	10	14 ·52	16 ·47	27
18	Mon.	12	11 ·99	4 ·58	24	16	Sat.	11	13 ·78	10 ·18	26	17	Thur.	11	A ·44	17 ·41	28
19	Tues.	13	12 ·98	5 ·61	25	17	Sun.	12	14 ·68	11 ·12	27	18	Fri.	12	1 ·36	18 ·37	29
20	Wed.	14	13 ·96	6 ·63	26	18	Mon.	13	A ·58	12 ·06	28	19	Sat.	13	2 ·29	19 ·34	30
21	Thur.	15	14 ·92	7 ·62	27					13 ·99		20	Sun.	14	3 ·25	20 ·33	1
22	Fri.	16	A ·87	8 ·60	28	19	Tues.	14	1 ·48	14 ·92	29	21	Mon.	15	4 ·24	21 ·33	2
23	Sat.	17	1 ·79	9 ·56	29	20	Wed.	15	2 ·39	15 ·86	30	22	Tues.	16	5 ·23	22 ·35	3
24	Sun.	18	2 ·70	10 ·50	30	21	Thur.	16	3 ·30	16 ·80	1	23	Wed.	17	6 ·26	23 ·40	4
25	Mon.	19	3 ·60	11 ·45	1	22	Fri.	17	4 ·21	17 ·74	2	24	Thur.	18	7 ·30	24 ·47	5
26	Tues.	20	4 ·50	12 ·38	2	23	Sat.	18	5 ·13	18 ·70	3	25	Fri.	19	8 ·36	25 ·55	6
27	Wed.	21	5 ·40	13 ·31	3	24	Sun.	19	6 ·07	19 ·68	4	26	Sat.	20	9 ·44	26 ·65	7
28	Thur.	22	6 ·30	14 ·24	4	25	Mon.	20	7 ·01	20 ·68	5	27	Sun.	21	10 ·52	27 ·75	8
29	Fri.	23	7 ·20	15 ·17	5				8 ·99			28	Mon.	22	11 ·61	1 ·86	9
30	Sat.	24	8 ·11	16 ·13	6	26	Tues.	21	9 ·99	21 ·69	6	29	Tues.	23	12 ·69	2 ·97	10
			9 ·04			27	Wed.	22	... ...	22 ·72	7	30	Wed.	24	13 ·77	... ...	11
31	Sun.	25	10 ·97	17 ·08	7	28	Thur.	23	10 ·00	23 ·78	8	1	Thur.	25	14 ·83	3 ·06	12
32	Mon.	26	11 ·92	18 ·04	8	29	Fri.	24	11 ·05	24 ·85	9	2	Fri.	26	P ·88	4 ·14	13
1	Tues.	27	12 ·89	19 ·03	9	30	Sat.	25	12 ·10	25 ·95	10	3	Sat.	27	1 ·90	5 ·19	14
2	Wed.	28	13 ·89	20 ·03	10	1	Sun.	26	13 ·17	... ...	11	4	Sun.	28	2 ·89	6 ·23	15
3	Thur.	29	14 ·89	21 ·05	11	2	Mon.	27	14 ·25	26 ·05	12	5	Mon.	29	3 ·88	7 ·25	16
4	Fri.	30	P ·93	22 ·10	12	3	Tues.	28	P ·33	27 ·16	13	6	Tues.	30	4 ·84	8 ·25	17
5	Sat.	31	1 ·99	23 ·16	13	4	Wed.	29	1 ·42	1 ·26	14						
						5	Thur.	30	2 ·50	2 ·36	15						
	Aug.						**Oct.**						**Dec.**				
6	Sun.	1	... ...	24 ·24	14	6	Fri.	1	3 ·56	3 ·45	16	7	Wed.	1	5 ·78	9 ·22	18
7	Mon.	2	2 ·05	25 ·34	15	7	Sat.	2	4 ·61	4 ·52	17	8	Thur.	2	6 ·70	10 ·18	19
8	Tues.	3	3 ·13	26 ·44	16	8	Sun.	3	5 ·64	5 ·57	18	9	Fri.	3	7 ·62	11 ·13	20
9	Wed.	4	4 ·21	27 ·56	17	9	Mon.	4	6 ·63	6 ·59	19	10	Sat.	4	8 ·54	12 ·08	21
10	Thur.	5	5 ·30	1 ·66	18	10	Tues.	5	7 ·62	7 ·60	20	11	Sun.	5	9 ·44	13 ·01	22
11	Fri.	6	6 ·38	2 ·75	19	11	Wed.	6	8 ·57	8 ·58	21					14 ·94	
12	Sat.	7	7 ·43	3 ·83	20	12	Thur.	7	9 ·51	9 ·56	22	12	Mon.	6	10 ·34	15 ·87	23
13	Sun.	8	8 ·47	4 ·89	21	13	Fri.	8	10 ·45	10 ·52	23	13	Tues.	7	11 ·24	16 ·81	24
14	Mon.	9	9 ·50	5 ·94	22	14	Sat.	9	11 ·37	11 ·46	24	14	Wed.	8	12 ·14	17 ·76	25
15	Tues.	10	10 ·50	6 ·95	23	15	Sun.	10	12 ·27	12 ·40	25	15	Thur.	9	13 ·06	18 ·71	26
16	Wed.	11	11 ·47	7 ·95	24	16	Mon.	11	13 ·17	13 ·33	26	16	Fri.	10	14 ·02	19 ·67	27
17	Thur.	12	12 ·43	8 ·93	25	17	Tues.	12	14 ·07	14 ·27	27				A ·94		
18	Fri.	13	13 ·38	9 ·89	26				A ·97			17	Sat.	11	1 ·90	20 ·65	28
19	Sat.	14	14 ·30	10 ·85	27	18	Wed.	13	1 ·88	15 ·20	28	18	Sun.	12	2 ·88	21 ·65	29
20	Sun.	15	A ·22	11 ·79	28	19	Thur.	14	2 ·80	16 ·13	29	19	Mon.	13	3 ·88	22 ·67	1
21	Mon.	16	1 ·13	12 ·72	29	20	Fri.	15	3 ·73	17 ·08	1	20	Tues.	14	4 ·90	23 ·72	2
22	Tues.	17	2 ·03	13 ·65	1	21	Sat.	16	4 ·66	18 ·03	2	21	Wed.	15	5 ·94	24 ·77	3
			3 ·93			22	Sun.	17	5 ·61	19 ·01	3	22	Thur.	16	... ...	25 ·85	4
23	Wed.	18	4 ·83	14 ·58	2	23	Mon.	18	6 ·60	20 ·00	4	23	Fri.	17	6 ·01	26 ·95	5
24	Thur.	19	5 ·73	15 ·51	3	24	Tues.	19	7 ·60	21 ·01	5	24	Sat.	18	7 ·08	... ...	6
25	Fri.	20	6 ·65	16 ·46	4	25	Wed.	20	8 ·61	22 ·04	6	25	Sun.	19	8 ·16	27 ·05	7
26	Sat.	21	7 ·57	17 ·41	5	26	Thur.	21	9 ·65	23 ·09	7	26	Mon.	20	9 ·25	1 ·17	8
27	Sun.	22	8 ·49	18 ·37	6	27	Fri.	22	10 ·71	24 ·16	8	27	Tues.	21	10 ·34	2 ·27	9
28	Mon.	23	9 ·44	19 ·35	7	28	Sat.	23	11 ·79	25 ·25	9	28	Wed.	22	11 ·42	3 ·36	10
29	Tues.	24	10 ·42	20 ·35	8	29	Sun.	24	12 ·87	26 ·35	10	29	Thur.	23	12 ·47	4 ·44	11
30	Wed.	25	11 ·42	21 ·37	9	30	Mon.	25	13 ·96	27 ·45	11	1	Fri.	24	13 ·52	5 ·50	12
31	Thur.	26	12 ·42	22 ·41	10	1	Tues.	26	... ...	1 ·56	12	2	Sat.	25	14 ·54	6 ·55	13
1	Fri.	27	13 ·46	23 ·47	11	2	Wed.	27	14 ·05	2 ·66	13	3	Sun.	26	P ·54	7 ·57	14
2	Sat.	28	14 ·52	24 ·55	12	3	Thur.	28	P ·13	3 ·76	14	4	Mon.	27	1 ·52	8 ·57	15
3	Sun.	29	P ·58	25 ·64	13	4	Fri.	29	1 ·18	4 ·83	15	5	Tues.	28	2 ·49	9 ·55	16
4	Mon.	30	1 ·67	26 ·75	14	5	Sat.	30	2 ·23	5 ·88	16	6	Wed.	29	3 ·42	10 ·52	17
5	Tues.	31	2 ·76	27 ·86	15	6	Sun.	31	3 ·26	6 ·91	17	7	Thur.	30	4 ·34	11 ·48	18
												8	Fri.	31	5 ·26	12 ·42	19

Krodhin. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* *Krodhin.* **Kanyā—Puraṭṭāsi.** *Bahula.* *Sukla.* *H. 456 Ramazān.* *Krodhin.* **Vriśchika—Kārttigai.** *Bahula.* *Sukla.* *H. 456 Zi-l-ka'da.* *H. 456 Zi-l-hijja.*

Krodhin. **Simha—Āvani.** *Bahula.* *Sukla.* *H. 456 Śha'bān.* *Krodhin.* **Tulā—Aippasi.** *Bahula.* *Sukla.* *H. 456 Shawwāl.* *Krodhin.* **Dhanus—Mārgali.** *Bahula.* *Sukla.* *H. 456 Zi-l-ka'da.* *H. 457 Muharram.* *Krodhin.* **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1065.
Solar Eclipse. ●
Lunar Eclipse. ○

Mêsha Sankrânti. (Commencement of Indian Sidereal year.)
Surya Sid.) March 23·56.
(Arya Sid.) March 23·52.

Śaka 987.

Kaliyuga 4166.
(S. Cycle) Viśvâvasu.

Jan.

Krodhin. — Makara—Tai.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Sat. 1		6 ·17	13 ·35	20
10	Sun. 2		7 ·07	14 ·28	21
11	Mon. 3		Bahula. 8 ·97		22
12	Tues. 4		9 ·87	15 ·21	23
13	Wed. 5		10 ·78	16 ·15	24
14	Thur. 6		11 ·69	17 ·09	25
15	Fri. 7		12 ·63	18 ·04	26
16	Sat. 8		13 ·58	19 ·00 / 20 ·98	H. 457 Muharram.
17	Sun. 9		14 ·54	21 ·97	27
18	Mon. 10		—A ·52	22 ·99	28
19	Tues. 11		1 ·52	... ...	29
20	Wed. 12		2 ·52	23 ·03	30
21	Thur. 13		3 ·58	24 ·08	1
22	Fri. 14		4 ·65	25 ·16	2
23	Sat. 15		Sukla. 5 ·72	26 ·25	3
24	Sun. 16		6 ·81	27 ·36	4
25	Mon. 17		7 ·90	1 ·46	5
26	Tues. 18		8 ·99	2 ·57	6
27	Wed. 19		... ...	3 ·67	7
28	Thur. 20		9 ·06	4 ·75	8
29	Fri. 21		10 ·12	5 ·82	9
30	Sat. 22		11 ·17	6 ·87	10
31	Sun. 23		Magha. 12 ·17	7 ·89	11

Feb.

Krodhin. — Kumbha—Mâsi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Sun. 23		13 ·17	8 ·90	12
2	Mon. 24		14 ·14	9 ·88	13
3	Tues. 25		P ·10	10 ·86	14
4	Wed. 26		1 ·03	11 ·81	15
5	Thur. 27		2 ·96		H. 457 Safar.
6	Fri. 28		3 ·88	12 ·76	16
7	Sat 29		4 ·79	13 ·69	17
8	Sun. 30		5 ·69	14 ·62	18
9	Mon. 31		6 ·59	15 ·55	19
10	Tues. 1		7 ·49	16 ·49	20
11	Wed. 2		Bahula. 8 ·40	17 ·43	21
12	Thur. 3		9 ·32	18 ·37	22
13	Fri. 4		10 ·24	19 ·33	23
14	Sat. 5		11 ·19	20 ·30	24
15	Sun. 6		12 ·15	21 ·30	25
16	Mon. 7		13 ·13	22 ·31	26
17	Tues. 8		14 ·13	23 ·34	27
18	Wed. 9		—A ·15	24 ·39	28
19	Thur. 10		1 ·20	25 ·46	—29
20	Fri. 11		2 ·26	26 ·56	1
21	Sat. 12		3 ·34	27 ·66	2
22	Sun. 13		4 ·43	1 ·76	3
23	Mon. 14		5 ·51	2 ·87	4
24	Tues. 15		6 ·59	3 ·97	5
25	Wed. 16		Sukla. 7 ·66	... ...	6
26	Thur. 17		8 ·72	4 ·06	7
27	Fri. 18		9 ·76	5 ·13	8
28	Sat. 19		10 ·77	6 ·18	9
29	Sun. 20		11 ·76	7 ·21	10
30	Mon. 21		12 ·72	8 ·22	11
31	Tues. 22		13 ·68	9 ·22	12

Krodhin. — Mina—Panguni.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Wed. 23		14 ·63	10 ·19	13
2	Thur. 24		P ·56	11 ·15	14
3	Fri. 25		1 ·47	12 ·09	15
4	Sat. 26		2 ·38	13 ·03 / 14 ·96	H. 457 Rabi-ul awwal.
5	Sun. 27		3 ·28	15 ·90	17
6	Mon 28		4 ·18	16 ·83	18
7			5 ·08	17 ·76	19
8			6 ·98		

Phâlguna. Sukla.

March.

Krodhin. — Mina—Panguni.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Tues. 1		7 ·90	18 ·71	20
10	Wed. 2		8 ·82	19 ·66	21
11	Thur. 3		Bahula. 9 ·75	20 ·64	22
12	Fri. 4		10 ·73	21 ·62	23
13	Sat. 5		11 ·72	22 ·63	24
14	Sun. 6		12 ·71	23 ·65	25
15	Mon. 7		13 ·73	24 ·70	26
16	Tues. 8		14 ·78	25 ·77	27
17	Wed. 9		—A ·83	26 ·86	28
18	Thur. 10		1 ·91	27 ·95	29
19	Fri. 11		... ...	... ...	30
20	Sat. 12		2 ·00	1 ·06	1
21	Sun. 13		Sukla. 3 ·08	2 ·17	2
22	Mon. 14		4 ·16	3 ·28	3
23	Tues. 15		5 ·22	4 ·37	4
24	Wed. 16		6 ·28	5 ·44	5
25	Thur. 17		7 ·32	6 ·49	6
26	Fri. 18		8 ·33	7 ·53	7
27	Sat. 19		9 ·32	8 ·54	8
28	Sun. 20		10 ·29	9 ·54	9
29	Mon. 21		11 ·25	10 ·52	10
30	Tues. 22		12 ·19	11 ·48	11
—31	Wed. 23		13 ·11	12 ·43	12
			Chaitra. 14 ·02		
1	Thur. 24		P ·93	13 ·37	13
2	Fri. 25		1 ·83	14 ·31	14
3	Sat. 26		2 ·73	15 ·24	15
4	Sun. 27		3 ·63	16 ·17	16
5	Mon. 28		4 ·53	17 ·10	17
6	Tues. 29		5 ·45	18 ·04	18
7	Wed. 30		6 ·36	19 ·00 / 20 ·97	H. 457 Rabi-ul âkhir.
8	Thur. 31		7 ·31	21 ·95	20

April.

Vishvâvasu. — Mêsha—Chittirai.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Fri. 1		8 ·27	22 ·95	21
10	Sat. 2		Bahula. 9 ·25	23 ·97	22
11	Sun. 3		10 ·24	... ...	23
12	Mon. 4		11 ·27	24 ·02	24
13	Tues. 5		12 ·31	25 ·08	25
14	Wed. 6		13 ·37	26 ·16	26
15	Thur. 7		14 ·45	27 ·25	27
16	Fri. 8		—A ·53	1 ·36	28
17	Sat. 9		1 ·61	2 ·46	—29
18	Sun. 10		2 ·69	3 ·58	1
19	Mon. 11		3 ·76	4 ·67	2
20	Tues. 12		Sukla. 4 ·81	5 ·75	3
21	Wed. 13		5 ·86	6 ·81	4
22	Thur. 14		6 ·87	7 ·84	5
23	Fri. 15		7 ·86	8 ·87	6
24	Sat. 16		8 ·82	9 ·87	7
25	Sun. 17		9 ·78	10 ·85	8
26	Mon. 18		10 ·71	11 ·81	9
27	Tues. 19		11 ·63	12 ·76	10
28	Wed. 20		12 ·54	13 ·71	11
29	Thur. 21		13 ·44	14 ·65	12
—30	Fri. 22		14 ·34	15 ·57	13

Vishvâvasu. — Vrish.—Vaigâsi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Sat. 23		Vaiśâkha. P ·24	16 ·50	14
2	Sun. 24		1 ·14	17 ·44	15
3	Mon. 25		2 ·04	18 ·39	H. 457 Jamâda'l awwal. 16
4	Tues. 26		3 ·95	19 ·33	17
5	Wed. 27		Bahula. 4 ·88	20 ·30	18
6	Thur. 28		5 ·83	21 ·27	19
7	Fri. 29		6 ·78	22 ·27	20
8	Sat. 30		7 ·76	23 ·29	21

May.

Vishvâsu. — Vrishabha—Vaigâsi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
9	Sun. 1		9 ·78	24 ·33	22
10	Mon. 2		Bahula. 10 ·81	25 ·39	23
11	Tues. 3		11 ·87	26 ·46	24
12	Wed. 4		12 ·94	27 ·55	25
13	Thur. 5		... ...	1 ·65	26
14	Fri. 6		13 ·02	2 ·77	27
15	Sat. 7		14 ·11	3 ·88	28
16	Sun. 8		—A ·19	4 ·97	29
17	Mon. 9		1 ·26	... ...	—30
18	Tues. 10		2 ·30	5 ·05	1
19	Wed. 11		3 ·34	6 ·12	2
20	Thur. 12		4 ·35	7 ·17	3
21	Fri. 13		5 ·34	8 ·19	4
22	Sat. 14		6 ·31	9 ·19	5
23	Sun. 15		Sukla. 7 ·27	10 ·18	6
24	Mon. 16		8 ·21	11 ·14	7
25	Tues. 17		9 ·13	12 ·11	8
26	Wed. 18		10 ·04 / 11 ·94	13 ·05 / 14 ·98	9
27	Thur. 19		12 ·84	15 ·91	10
28	Fri. 20		13 ·74	16 ·84	11
29	Sat. 21		14 ·64	17 ·78	12
30	Sun. 22		P ·54	18 ·72	13
31	Mon. 23		Jyeshtha. 1 ·45	19 ·67	14
—32	Tues. 24		2 ·37	20 ·63	15

Vishvâsu. — Mithuna—Âni.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Wed. 25		3 ·31	21 ·60	16
2	Thur. 26		4 ·26	22 ·59	17
3	Fri. 27		5 ·24	23 ·61	18
4	Sat. 28		Bahula. 6 ·24	24 ·64	19
5	Sun. 29		7 ·25	25 ·69	20
6	Mon. 30		8 ·28	26 ·76	H. 457 Jamâda'l âkhir. 21
7	Tues. 31		9 ·34	27 ·85	22

June.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
8	Wed. 1		10 ·41	1 ·96	23
9	Thur. 2		11 ·49	... ...	24
10	Fri. 3		12 ·58	2 ·07	25
11	Sat. 4		13 ·66	3 ·17	26
12	Sun. 5		14 ·72	4 ·27	27
13	Mon. 6		—A ·77	5 ·36	28
14	Tues. 7		1 ·82	6 ·44	—29
15	Wed. 8		2 ·82	7 ·48	1
16	Thur. 9		3 ·82	8 ·51	2
17	Fri. 10		Sukla. 4 ·79	9 ·52	3
18	Sat. 11		5 ·75	10 ·51	4
19	Sun. 12		6 ·68	11 ·49	5
20	Mon. 13		7 ·61	12 ·44	6
21	Tues. 14		8 ·52	13 ·39	7
22	Wed. 15		9 ·42	14 ·32	8
23	Thur. 16		10 ·32	15 ·25	9
24	Fri. 17		11 ·22	16 ·19	10
25	Sat. 18		12 ·12	17 ·12	11
26	Sun. 19		13 ·02 / 14 ·93	18 ·06	12
27	Mon. 20		P ·86	19 ·00 / 20 ·96	H. 457 Rajab. 13
28	Tues. 21		Ashâdha. 1 ·79	21 ·93	14
29	Wed. 22		2 ·74	22 ·82	15
30	Thur. 23		3 ·72	23 ·93	16
—31	Fri. 24		4 ·72	24 ·95	17

Vishvâsu. — Kark.—Âdi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Sat. 25		5 ·73	... ...	18
2	Sun. 26		6 ·77	25 ·00	19
3	Mon. 27		7 ·82	26 ·07	20
4	Tues. 28		Bahula. 8 ·88	27 ·16	21
5	Wed. 29		9 ·96	1 ·26	22
6	Thur. 30		... ...	2 ·37	23

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1065. **Kollam 241,** { **N. Malabar—Aug.** **Hijra 458.** **Vikrama 1122.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Dec. 3.** **Bengal San. 471.**
P—Paurnimā. **(N. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
															A 0·8		
7	Fri.	1	10·05	3·47	24	6	Thur.	1	13·32	10·49	27	7	Tues.	1	1·98	17·82	29
8	Sat.	2	11·14	4·57	25	7	Fri.	2	14·29	11·47	28						
9	Sun.	3	12·21	5·67	26	8	Sat.	3	—A·23	12·44	29	8	Wed.	2	2·89	18·75	—30
10	Mon.	4	13·27	6·74	27	9	Sun.	4	1·15	13·39	—30	9	Thur.	3	3·80	19·69	1
11	Tues.	5	14·30	7·80	28				2·07			10	Fri.	4	4·71	20·63	2
12	Wed.	6	—A·31	8·83	29	10	Mon.	5	3·97	14·34	1	11	Sat.	5	5·63	21·58	3
13	Thur.	7	1·30	9·84	—30	11	Tues.	6	4·87	15·28	2	12	Sun.	6	6·57	22·55	4
14	Fri.	8	2·27	10·84	1	12	Wed.	7	5·77	16·21	3	13	Mon.	7	7·53	23·55	5
15	Sat.	9	3·24	11·82	2	13	Thur.	8	6·67	17·14	4	14	Tues.	8	8·52	24·55	6
16	Sun.	10	4·17	12·78	3	14	Fri.	9	7·58	18·07	5	15	Wed.	9	9·52	25·57	7
17	Mon.	11	5·10	13·72	4					19·02		16	Thur.	10	10·54	26·61	8
			6·02			15	Sat.	10	8·49	20·96	6	17	Fri.	11	11·59	27·68	9
18	Tues.	12	7·93	14·66	5							18	Sat.	12	12·65	1·77	10
						16	Sun.	11	9·42	21·92	7	19	Sun.	13	13·71	2·87	11
19	Wed.	13	8·82	15·59	6	17	Mon.	12	10·36	22·90	8	20	Mon.	14	14·80	3·97	12
20	Thur.	14	9·72	16·53	7	18	Tues.	13	11·31	23·89	9	21	Tues.	15	P·89	...	13
21	Fri.	15	10·62	17·46	8	19	Wed.	14	12·30	24·91	10	22	Wed.	16	1·98	4·08	14
22	Sat.	16	11·52	18·39	9	20	Thur.	15	13·30	25·94	11	23	Thur.	17	...	5·18	15
23	Sun.	17	12·43	19·34	10	21	Fri.	16	14·32	...	12	24	Fri.	18	2·06	6·28	16
24	Mon.	18	13·34	20·29	11	22	Sat.	17	P·34	26·00	13	25	Sat.	19	3·13	7·36	17
25	Tues.	19	14·28	21·26	12	23	Sun.	18	1·41	27·07	14	26	Sun.	20	4·16	8·41	18
26	Wed.	20	P·23	22·25	13	24	Mon.	19	2·47	1·16	15	27	Mon.	21	5·17	9·45	19
27	Thur.	21	1·22	23·25	14	25	Tues.	20	3·55	2·27	16	28	Tues.	22	6·18	10·46	20
28	Fri.	22	2·21	24·27	15	26	Wed.	21	4·64	3·38	17	29	Wed.	23	7·15	11·47	21
29	Sat.	23	3·21	25·31	16	27	Thur.	22	5·72	4·48	18	—30	Thur.	24	8·11	12·44	22
30	Sun.	24	4·25	26·38	17	28	Fri.	23	6·80	5·58	19						
31	Mon.	25	5·32	27·46	18	29	Sat.	24	7·86	6·66	20				9·05		
—32	Tues.	26	6·40	1·56	19	—30	Sun.	25	8·90	7·73	21	1	Fri.	25	10·99	13·40	23
1	Wed.	27	7·48	2·66	20	1	Mon.	26	9·93	8·79	22						
2	Thur.	28	8·56	3·77	21	2	Tues.	27	10·93	9·81	23	2	Sat.	26	11·90	14·35	24
3	Fri.	29	9·64	4·88	22	3	Wed.	28	11·90	10·82	24	3	Sun.	27	12·81	15·29	25
4	Sat.	30	10·69	5·98	23	4	Thur.	29	12·86	11·80	25	4	Mon.	28	13·72	16·23	26
5	Sun.	31	11·74	...	24	5	Fri.	30	13·81	12·77	26	5	Tues.	29	14·62	17·16	27
												6	Wed.	30	—A·52	18·09	28
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	12·79	6·05	25	6	Sat.	1	14·73	13·74	27						
7	Tues.	2	13·82	7·11	26	7	Sun.	2	—A·65	14·68	28	7	Thur.	1	1·13	19·02	29
8	Wed.	3	14·80	8·15	27	8	Mon.	3	1·56	15·62	—29					20·97	
9	Thur.	4	—A·78	9·17	28	9	Tues.	4	2·46	16·55	1	8	Fri.	2	2·85	21·92	—30
10	Fri.	5	1·74	10·17	—29	10	Wed.	5	3·36	17·48	2	9	Sat.	3	3·27	22·89	1
11	Sat.	6	2·68	11·15	1	11	Thur.	6	4·26	18·42	3	10	Sun.	4	4·22	23·87	2
12	Sun.	7	3·61	12·11	2	12	Fri.	7	5·17	19·35	4	11	Mon.	5	5·18	24·87	3
13	Mon.	8	4·52	13·06	3	13	Sat.	8	6·08	20·30	5	12	Tues.	6	6·16	25·89	4
				14·00					7·01			13	Wed.	7	7·16	26·93	5
14	Tues.	9	5·43	15·94	4	14	Sun.	9	8·96	21·25	6	14	Thur.	8	8·19	27·99	6
												15	Fri.	9	9·24	...	7
15	Wed.	10	6·33	16·87	5	15	Mon.	10	9·91	22·22	7	16	Sat.	10	10·29	1·07	8
16	Thur.	11	7·23	17·80	6	16	Tues.	11	10·89	23·22	8	17	Sun.	11	11·37	2·17	9
17	Fri.	12	8·13	18·73	7	17	Wed.	12	11·89	24·23	9	18	Mon.	12	12·46	3·27	10
			9·03			18	Thur.	13	12·91	25·26	10	19	Tues.	13	13·55	4·38	11
18	Sat.	13	10·94	19·67	8	19	Fri.	14	13·94	26·31	11	20	Wed.	14	14·64	5·49	12
19	Sun.	14	11·86	20·63	9	20	Sat.	15	...	27·37	12	21	Thur.	15	P·71	6·58	13
20	Mon.	15	12·81	21·59	10	21	Sun.	16	14·01	1·46	13	22	Fri.	16	1·77	7·66	14
21	Tues.	16	13·76	22·57	11	22	Mon.	17	P·08	2·57	14	23	Sat.	17	2·81	8·72	15
22	Wed.	17	14·74	23·57	12	23	Tues.	18	1·16	3·67	15	24	Sun.	18	3·83	9·76	16
23	Thur.	18	P·73	24·58	13	24	Wed.	19	2·25	4·78	16	25	Mon.	19	4·82	10·79	17
24	Fri.	19	1·75	25·63	14	25	Thur.	20	3·35	5·88	17	26	Tues.	20	5·80	11·79	18
25	Sat.	20	2·78	26·69	15	26	Fri.	21	4·42	6·97	18	27	Wed.	21	6·75	12·77	19
26	Sun.	21	3·84	27·77	16	27	Sat.	22	5·47	...	19	28	Thur.	22	7·70	13·74	20
27	Mon.	22	4·91	1·86	17	28	Sun.	23	6·51	7·05	20	29	Fri.	23	8·63	14·69	21
28	Tues.	23	5·98	2·96	18	29	Mon.	24	7·53	8·10	21	1	Sat.	24	9·54	15·63	22
29	Wed.	24	...	...	19	—30	Tues.	25	8·54	9·13	22	2	Sun.	25	10·44	16·57	23
30	Thur.	25	6·07	3·08	20	1	Wed.	26	9·51	10·14	23	3	Mon.	26	11·34	17·50	24
—31	Fri.	26	7·15	4·18	21	2	Thur.	27	10·48	11·13	24	4	Tues.	27	12·24	18·43	25
1	Sat.	27	8·22	5·28	22	3	Fri.	28	11·43	12·11	25	5	Wed.	28	13·14	19·36	26
2	Sun.	28	9·29	6·36	23	4	Sat.	29	12·35	13·07	26	6	Thur.	29	14·06	20·30	27
3	Mon.	29	10·32	7·42	24					14·02					A·99		
4	Tues.	30	11·34	8·46	25	5	Sun.	30	13·27	15·95	27	7	Fri.	30	1·91	21·26	28
5	Wed.	31	12·34	9·49	26	6	Mon.	31	14·18	16·88	28	8	Sat.	31	2·87	22·22	29

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1066. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·82. **Śaka 988.** **Kaliyuga 4167.**
Lunar Eclipse. ○ (Arya Sid.) March 23·78. **(S. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year month, and day.
	Jan.						**March.**						**May.**				
9	Sun.	1	3 ·82	23 ·19	—30	9	Wed.	1	2 ·05	1 ·98	—30	8	Mon.	1	4 ·52	6 ·10	2
10	Mon.	2	4 ·81	24 ·19	1	10	Thur.	2	3 ·09	... ...	1	9	Tues.	2	5 ·59	7 ·19	3
11	Tues.	3	5 ·80	25 ·20	2	11	Fri.	3	4 ·15	2 ·08	2	10	Wed.	3	6 ·65	8 ·27	4
12	Wed.	4	6 ·84	26 ·25	3	12	Sat.	4	5 ·23	3 ·17	3	11	Thur.	4	7 ·67	9 ·34	5
13	Thur.	5	7 ·89	27 ·30	4	13	Sun.	5	6 ·32	4 ·28	4	12	Fri.	5	8 ·69	10 ·38	6
14	Fri.	6	8 ·94	1 ·38	5	14	Mon.	6	7 ·40	5 ·39	5	13	Sat.	6	9 ·67	11 ·41	7
15	Sat.	7	... ...	2 ·47	6	15	Tues.	7	8 ·48	6 ·49	6	14	Sun.	7	10 ·63	12 ·41	8
16	Sun.	8	9 ·02	3 ·57	7	16	Wed.	8	9 ·55	7 ·58	7	15	Mon.	8	11 ·59	13 ·40	9
17	Mon.	9	10 ·10	4 ·68	8	17	Thur.	9	10 ·60	8 ·66	8	16	Tues.	9	12 ·53	14 ·36	10
18	Tues.	10	11 ·20	5 ·79	9	18	Fri.	10	11 ·64	9 ·71	9	17	Wed.	10	13 ·45	15 ·32	11
19	Wed.	11	12 ·28	6 ·89	10	19	Sat.	11	12 ·64	10 ·75	10	18	Thur.	11	14 ·35	16 ·27	12
20	Thur.	12	13 ·36	7 ·97	11	20	Sun.	12	13 ·64	11 ·76	11	19	Fri.	12	P ·25	17 ·20	13
21	Fri.	13	14 ·42	... ...	12	21	Mon.	13	14 ·60	12 ·75	12	20	Sat.	13	1 ·15	18 ·13	14
22	Sat.	14	P ·44	8 ·03	13	22	Tues. ○	14	P ·56	13 ·74	13	21	Sun.	14	2 ·05	19 ·06	15
23	Sun.	15	1 ·46	9 ·09	14	23	Wed.	15	1 ·50	14 ·70	14				3 ·95	20 ·99	
24	Mon.	16	2 ·45	10 ·11	15	24	Thur.	16	2 ·41	15 ·65	15	22	Mon.	15	4 ·85	21 ·93	16
25	Tues.	17	3 ·43	11 ·12	16	25	Fri.	17	3 ·32	16 ·58	16	23	Tues.	16	5 ·77	22 ·89	17
26	Wed.	18	4 ·38	12 ·10	17	26	Sat.	18	4 ·23	17 ·52	17	24	Wed.	17	6 ·69	23 ·85	18
27	Thur.	19	5 ·33	13 ·07	18	27	Sun.	19	5 ·13	18 ·46	18	25	Thur.	18	7 ·64	24 ·82	19
28	Fri.	20	6 ·25	14 ·02 / 15 ·97	19	28	Mon.	20	6 ·03 / 7 ·93	19 ·39	19	26	Fri.	19	8 ·58	25 ·81	20
												27	Sat. ○	20	9 ·57	26 ·82	21
29	Sat.	21	7 ·16	16 ·91	20	29	Tues.	21	8 ·84	20 ·32	20	28	Sun.	21	10 ·56	27 ·86	22
—30	Sun.	22	8 ·07 / 9 ·97	17 ·84	21	30	Wed.	22	9 ·75	21 ·26	21	29	Mon.	22	11 ·58	1 ·91	23
						—31	Thur.	23	10 ·68	22 ·22	22	30	Tues.	23	12 ·62	2 ·99	24
1	Mon.	23	10 ·87	18 ·77	22	1	Fri.	24	11 ·62	23 ·19	23	—31	Wed.	24	13 ·67	... ...	25
2	Tues.	24	11 ·77	19 ·70	23	2	Sat.	25	12 ·59	24 ·17	24	1	Thur.	25	14 ·74	3 ·07	26
3	Wed.	25	12 ·69	20 ·65	24	3	Sun.	26	13 ·56	25 ·17	25	2	Fri.	26	—A ·82	4 ·17	27
4	Thur.	26	13 ·61	21 ·69	25	4	Mon.	27	14 ·56	26 ·19	26	3	Sat.	27	1 ·92	5 ·29	28
5	Fri.	27	14 ·54	22 ·55	26	5	Tues.	28	—A ·59	27 ·23	27	4	Sun.	28	2 ·99	6 ·40	—29
6	Sat.	28	—A ·49	23 ·52	27	6	Wed.	29	1 ·64	1 ·29	28	5	Mon.	29	... ...	7 ·49	1
7	Sun.	29	1 ·44	24 ·51	28	7	Thur.	30	2 ·69	2 ·38	—29	6	Tues.	30	3 ·05	8 ·58	2
8	Mon.	30	2 ·43	25 ·53	—29	8	Fri.	31	3 ·77	3 ·47	1	7	Wed.	31	4 ·11	9 ·65	3
9	Tues.	31	3 ·42	26 ·56	1												
	Feb.						**April.**						**June.**				
10	Wed.	1	4 ·46	27 ·61	2	9	Sat.	1	4 ·86	4 ·58	2	8	Thur.	1	5 ·14	10 ·70	4
11	Thur.	2	5 ·51	1 ·68	3	10	Sun.	2	5 ·94	5 ·68	3	9	Fri.	2	6 ·15	11 ·73	5
12	Fri.	3	6 ·57	2 ·77	4	11	Mon.	3	... ...	6 ·79	4	10	Sat.	3	7 ·14	12 ·74	6
13	Sat.	4	7 ·65	3 ·88	5	12	Tues.	4	6 ·01	7 ·89	5	11	Sun.	4	8 ·12	13 ·73	7
14	Sun.	5	8 ·73	4 ·98	6	13	Wed.	5	7 ·08	8 ·97	6	12	Mon.	5	9 ·07	14 ·70	8
15	Mon	6	9 ·82	... ...	7	14	Thur.	6	8 ·14	... ...	7				10 ·01		
16	Tues.	7	10 ·90	5 ·09	8	15	Fri.	7	9 ·17	9 ·03	8	13	Tues.	6	11 ·93	15 ·65	9
17	Wed.	8	11 ·97	6 ·19	9	16	Sat.	8	10 ·17	10 ·06	9	14	Wed.	7	12 ·83	16 ·61	10
18	Thur.	9	... ...	7 ·27	10	17	Sun.	9	11 ·17	11 ·08	10	15	Thur.	8	13 ·73	17 ·54	11
19	Fri.	10	12 ·02	8 ·34	11	18	Mon.	10	12 ·13	12 ·09	11	16	Fri.	9	14 ·63	18 ·47	12
20	Sat.	11	13 ·04	9 ·39	12	19	Tues.	11	13 ·08	13 ·07	12	17	Sat.	10	P ·53	19 ·40	13
21	Sun.	12	14 ·06	10 ·43	13	20	Wed.	12	14 ·02	14 ·03	13	18	Sun.	11	1 ·43	20 ·33	14
22	Mon.	13	P ·06	11 ·44	14				P ·95	15 ·98		19	Mon.	12	2 ·33	21 ·28	15
23	Tues.	14	1 ·03 / 2 ·98	12 ·43	15	21	Thur.	13	1 ·85	16 ·92	14	20	Tues.	13	3 ·23	22 ·22	16
						22	Fri.	14	2 ·75	17 ·86	15	21	Wed.	14	4 ·16	23 ·18	17
24	Wed.	15	3 ·93	13 ·40	16	23	Sat.	15	3 ·65	18 ·79	16	22	Thur.	15	5 ·11	24 ·15	18
25	Thur.	16	4 ·85	14 ·37	17	24	Sun.	16	4 ·55	19 ·72	17	23	Fri.	16	6 ·06	25 ·13	19
26	Fri.	17	5 ·77	15 ·31	18	25	Mon.	17	5 ·45	20 ·66	18	24	Sat.	17	7 ·05	26 ·15	20
27	Sat.	18	6 ·67	16 ·25	19	26	Tues.	18	6 ·35	21 ·60	19	25	Sun.	18	8 ·05	27 ·18	21
28	Sun.	19	7 ·57	17 ·18	20	27	Wed.	19	7 ·27	22 ·55	20	26	Mon.	19	9 ·06	1 ·22	22
29	Mon.	20	8 ·47	18 ·11	21	28	Thur.	20	8 ·19	23 ·53	21	27	Tues.	20	10 ·10	2 ·29	23
1	Tues.	21	9 ·37	19 ·04 / 20 ·98	22	29	Fri.	21	9 ·14	24 ·49	22	28	Wed.	21	11 ·15	3 ·37	24
2	Wed.	22	10 ·28	21 ·93	23	30	Sat.	22	10 ·10	25 ·49	23	29	Thur.	22	12 ·21	4 ·48	25
3	Thur.	23	11 ·20	22 ·88	24	—31	Sun.	23	11 ·08	26 ·50	24	30	Fri.	23	13 ·29	5 ·59	26
4	Fri.	24	12 ·13	23 ·85	25	1	Mon.	24	12 ·08	27 ·54	25	31	Sat.	24	14 ·37	6 ·69	27
5	Sat.	25	13 ·07	24 ·84	26	2	Tues.	25	13 ·10	1 ·61	26	—32	Sun.	25	—A ·45	7 ·79	28
6	Sun	26	14 ·04	25 ·85	27	3	Wed.	26	14 ·15	2 ·68	27	1	Mon.	26	1 ·53	8 ·88	29
7	Mon.	27	—A ·02	26 ·87	28	4	Thur.	27	—A ·20	3 ·77	28	2	Tues.	27	2 ·59	9 ·96	—30
8	Tues.	28	1 ·01	27 ·92	29	5	Fri.	28	1 ·27	4 ·88	29	3	Wed.	28	3 ·63	... ...	1
						6	Sat.	29	2 ·35	5 ·98	—30	4	Thur.	29	4 ·63	10 ·02	2
						7	Sun.	30	3 ·43	... ...	1	5	Fri.	30	5 ·62	11 ·05	3

Śaka: 458 Śafar. 458 Rabī-ul ākhir. 458 Jamādu'l awwal. 458 Rajab.
Śukla. Bahula.
Viśvāsu. Mīna—Paṅguni. Parābhava. Mēsha—Chittirai. Parābhava. Vrishabha—Vaigāśi. Parābhava. Mithuna—Āni. Viśvāsu. Kumbha—Māśi. Viśvāsu. Makara—Tai. Viśvāsu. Mīna—Paṅguni.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1066. **Kollam 242,** { **N. Malabar—Aug.** **Hijra 459.** **Vikrama 1123.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 22.** **Bengal San. 472.**
P—Paurnimā. **(N. Cycle) Kīlaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sat.	1	*Śukla.* 6 ·60	12 ·06	4				9 ·07	20 ·36	7		Wed.	1	12 ·81	27 ·77	9
7	Sun.	2	7 ·55	13 ·05	5	6	Fri.	1	10 ·97			6	Thur.	2	13 ·80	1 ·79	10
8	Mon.	3	8 ·49	14 ·03 / 15 ·99	6	7	Sat.	2	11 ·87	21 ·29	8	7	Fri.	3	14 ·83	2 ·84	11
9	Tues.	4	9 ·41	16 ·94	7	8	Sun.	3	12 ·79	22 ·23	9	8	Sat.	4	**P** ·87	3 ·90	12
10	Wed.	5	10 ·32	17 ·88	8	9	Mon.	4	13 ·72	23 ·18	10	9	Sun.	5	1 ·93	4 ·98	13
11	Thur.	6	11 ·22	18 ·81	9	10	Tues.	5	14 ·66	24 ·14	11	10	Mon.	6	... ...	... ...	14
12	Fri.	7	12 ·13	19 ·74	10	11	Wed.○	6	**P** ·61	25 ·12	12	11	Tues.	7	2 ·01	5 ·09	15
13	Sat.	8	13 ·02 / 14 ·92	20 ·68	11	12	Thur.	7	1 ·59	26 ·11	13	12	Wed.	8	3 ·09	6 ·19	16
						13	Fri.	8	2 ·59	27 ·12	14	13	Thur.	9	4 ·19	7 ·30	17
14	Sun.	9	**P** ·82	21 ·61	12	14	Sat.	9	3 ·60	1 ·15	15	14	Fri.	10	5 ·27	8 ·40	18
15	Mon.	10	1 ·73	22 ·56	13	15	Sun.	10	4 ·65	2 ·22	16	15	Sat.	11	6 ·34	9 ·49	19
16	Tues.	11	2 ·66	23 ·51	14	16	Mon.	11	5 ·70	3 ·29	17	16	Sun.	12	7 ·40	10 ·58	20
17	Wed.	12	3 ·60	24 ·47	15	17	Tues.	12	6 ·78	4 ·38	18	17	Mon.	13	8 ·44	11 ·63	21
18	Thur.	13	4 ·56	25 ·47	16	18	Wed.	13	7 ·87	5 ·48	19	18	Tues.	14	9 ·46	12 ·67	22
19	Fri.	14	5 ·53	26 ·47	17	19	Thur.	14	8 ·95	6 ·59	20	19	Wed.	15	10 ·45	13 ·68	23
20	Sat.	15	6 ·52	27 ·49	18	20	Fri.	15	... ...	7 ·70	21	20	Thur.	16	11 ·44	14 ·68	24
21	Sun.	16	7 ·54	1 ·53	19	21	Sat.	16	9 ·04	8 ·80	22	21	Fri.	17	12 ·39	15 ·66	25
22	Mon.	17	8 ·58	2 ·59	20	22	Sun.	17	10 ·11	9 ·88	23	22	Sat.	18	13 ·33	16 ·62	26
23	Tues.	18	9 ·63	3 ·69	21	23	Mon.	18	11 ·17	10 ·95	24	23	Sun.	19	14 ·26	17 ·57	27
24	Wed.	19	10 ·71	4 ·79	22	24	Tues.	19	12 ·20	... ...	25	24	Mon.	20	**A** ·18	18 ·51	28
25	Thur.	20	11 ·80	5 ·89	23	25	Wed.	20	13 ·23	11 ·00	26	25	Tues.	21	1 ·09 / 2 ·99	19 ·44	—29
26	Fri.	21	12 ·88	6 ·99	24	26	Thur.	21	14 ·22	12 ·03	27						
27	Sat.	22	13 ·95	... ...	25	27	Fri.●	22	**A** ·19	13 ·04	28	26	Wed.	22	3 ·89	20 ·37	1
28	Sun.	23	... ...	7 ·09	26	28	Sat.	23	1 ·16	14 ·02 / 15 ·99	—29	27	Thur.	23	4 ·79	21 ·31	2
29	Mon.	24	14 ·02	8 ·19	27	29	Sun.	24	2 ·09	16 ·95	1	28	Fri.	24	5 ·71	22 ·24	3
30	Tues.	25	**A** ·07	9 ·27	28	30	Mon.	25	3 ·02 / 4 ·93	17 ·90	2	29	Sat.	25	6 ·63	23 ·18	4
31	Wed.	26	1 ·11	10 ·33	—29	31	Tues.	26	5 ·84	18 ·84	3	1	Sun.	26	7 ·56	24 ·14	5
1	Thur.	27	2 ·13	11 ·37	1	1	Wed.	27	6 ·74	19 ·77	4	2	Mon.	27	8 ·50	25 ·10	6
2	Fri.	28	3 ·13	12 ·38	2	2	Thur.	28	7 ·64	20 ·69	5	3	Tues.	28	9 ·46	26 ·09	7
3	Sat.	29	4 ·09	13 ·38	3	3	Fri.	29	8 ·55	21 ·63	6	4	Wed.	29	10 ·45	27 ·09	8
4	Sun.	30	5 ·05 / 6 ·99	14 ·37	4	4	Sat.	30	9 ·46	22 ·57	7	5	Thur.	30	11 ·44	1 ·11	9
5	Mon.	31	7 ·91	15 ·33	5												
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	*Śukla.* 8 ·83	16 ·28	6	5	Sun.	1	10 ·37	23 ·52	8	7	Fri.	1	12 ·48	2 ·15	10
7	Wed.	2	9 ·73	17 ·22	7	6	Mon.	2	11 ·31	24 ·47	9	8	Sat.	2	13 ·52	3 ·21	11
8	Thur.	3	10 ·63	18 ·15	8	7	Tues.	3	12 ·26	25 ·44	10	9	Sun.	3	14 ·59	4 ·29	12
9	Fri.	4	11 ·53	19 ·09	9	8	Wed.	4	13 ·21	26 ·43	11	10	Mon.	4	**P** ·67	5 ·39	13
10	Sat.	5	12 ·43	20 ·02 / 21 ·95	10	9	Thur.	5	14 ·19	27 ·44	12	11	Tues.	5	1 ·75	6 ·49	14
11	Sun.	6	13 ·33	22 ·89	11	10	Fri.	6	**P** ·18	1 ·48	13	12	Wed.	6	2 ·84	7 ·60	15
12	Mon.	7	14 ·24	23 ·84	12	11	Sat.	7	1 ·19	2 ·53	14	13	Thur.	7	3 ·92	8 ·70	16
13	Tues.	8	**P** ·18	24 ·81	13	12	Sun.	8	2 ·24	3 ·59	15	14	Fri.	8	4 ·99	9 ·80	17
14	Wed.	9	1 ·12	25 ·79	14	13	Mon.	9	3 ·31	4 ·68	16	15	Sat.	9	... ...	10 ·88	18
15	Thur.	10	2 ·07	26 ·79	15	14	Tues.	10	4 ·39	5 ·78	17	16	Sun.	10	5 ·05	11 ·94	19
16	Fri.	11	3 ·04	27 ·80	16	15	Wed.	11	5 ·47	6 ·90	18	17	Mon.	11	6 ·09	12 ·98	20
17	Sat.	12	4 ·04	1 ·84	17	16	Thur.	12	6 ·56	... ...	19	18	Tues.	12	7 ·12	... ...	21
18	Sun.	13	5 ·05	2 ·91	18	17	Fri.	13	7 ·64	7 ·00	20	19	Wed.	13	8 ·11	13 ·00	22
19	Mon.	14	6 ·08	3 ·99	19	18	Sat.	14	8 ·71	8 ·10	21					14 ·00	
20	Tues.	15	*Bahula.* 7 ·15	... ...	20	19	Sun.	15	9 ·77	9 ·19	22	20	Thur.	14	9 ·08	15 ·99	23
21	Wed.	16	8 ·22	4 ·09	21	20	Mon.	16	10 ·80	10 ·26	23						
22	Thur.	17	9 ·31	5 ·18	22	21	Tues.	17	11 ·83	11 ·32	24	21	Fri.	15	10 ·04 / 11 ·98	16 ·96	24
23	Fri.	18	10 ·39	6 ·29	23	22	Wed.	18	12 ·82	12 ·35	25	22	Sat.	16	12 ·90	17 ·91	25
24	Sat.	19	11 ·47	7 ·39	24	23	Thur.	19	13 ·81	13 ·36	26	23	Sun.	17	13 ·82	18 ·85	26
25	Sun.	20	12 ·55	8 ·50	25	24	Fri.	20	14 ·76	14 ·35	27	24	Mon.	18	14 ·73	19 ·78	27
26	Mon.	21	13 ·60	9 ·58	26	25	Sat.	21	**A** ·70	15 ·32	28	25	Tues.	19	**A** ·64	20 ·72	28
27	Tues.	22	14 ·64	10 ·64	27	26	Sun.	22	1 ·63	16 ·29	29	26	Wed.	20	1 ·54	21 ·65	29
28	Wed.	23	**A** ·66	11 ·68	28	27	Mon.	23	2 ·55	17 ·24	—30	27	Thur.	21	2 ·44	22 ·58	—30
29	Thur.	24	1 ·65	12 ·70	29	28	Tues.	24	3 ·46	18 ·17	1	28	Fri.	22	3 ·35	23 ·52	1
30	Fri.	25	2 ·62	13 ·71	—30	29	Wed.	25	4 ·36	19 ·10	2	29	Sat.	23	4 ·26	24 ·47	2
31	Sat.	26	3 ·59	14 ·69	1	30	Thur.	26	5 ·26	20 ·03 / 21 ·96	3	1	Sun.	24	5 ·20	25 ·44	3
1	Sun.	27	*Śukla.* 4 ·53	15 ·66	2	1	Fri.	27	6 ·16	22 ·91	4	2	Mon.	25	6 ·14	26 ·41	4
2	Mon.	28	5 ·45	16 ·61	3	2	Sat.	28	7 ·08	23 ·85	5	3	Tues.	26	7 ·11	27 ·41	5
3	Tues.	29	6 ·36	17 ·55	4	3	Sun.	29	8 ·00 / 9 ·92	24 ·80	6	4	Wed.	27	8 ·09	1 ·48	6
4	Wed.	30	7 ·27	18 ·50	5							5	Thur.	28	9 ·10	2 ·46	7
5	Thur.	31	8 ·17	19 ·43	6	4	Mon.	30	10 ·85	25 ·77	7	6	Fri.	29	10 ·12	3 ·52	8
						5	Tues.	31	11 ·82	26 ·76	8	7	Sat.	30	11 ·17	4 ·60	9
												8	Sun.	31	12 ·24	5 ·69	10

Parābhava. **Karkataka—Ādi.** **Nijā Āshāḍha.** *Bahula.* *H.* 458 *Shaʿbān.*

Parābhava. **Siṁha—Āvaṇi.** **Śrāvaṇa.** *Bahula.* *H.* 458 *Ramaḍān.*

Parābhava. **Tula—Aippaśi.** **Āśvina.** *Bahula.* *H.* 458 *Zi-l-kaʿda.*

Parābhava. **Vṛśchika—Kārttigai.** *Bahula.* *H.* 458 *Zi-l-ḥijja.*

Parābhava. **Dhanus—Margali.** **Mārgaśīrsha.** *Bahula.* *H.* 459 *Muharram.*

Parābhava. **Makara—Tai.** **Pausha.** *Sukla.* *H.* 459 *Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śata

A.D. 1067. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·08.** **Śaka 989.** **Kaliyuga 4168.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·04.** **(S. Cycle) Plavaṅga.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	13 ·32	6 ·79	11	8	Thur. 1	13 ·86	10 ·80	11	8	Tues. 1	*Śukla.* **P** ·91	16 ·62	13
10	Tues. 2	14 ·41	7 ·89	12	9	Fri. 2	14 ·92	11 ·87	12	9	Wed. 2	1 ·85	17 ·58	14
11	Wed. 3	**P** ·50	... ...	13	10	Sat.○ 3	**P** ·95	12 ·93	13	10	Thur. 3	2 ·76	18 ·54	15
12	Thur. 4	1 ·58	8 ·00	14	11	Sun. 4	1 ·95	13 ·97	14	11	Fri. 4	3 ·68	19 ·48	16
13	Fri. 5	2 ·65	9 ·11	15	12	Mon. 5	2 ·94	14 ·98	15	12	Sat. 5	4 ·57	20 ·41	17
14	Sat. 6	3 ·70	10 ·19	16	13	Tues. 6	3 ·92	15 ·97	16	13	Sun. 6	5 ·47	21 ·35	18
15	Sun. 7	4 ·74	11 ·25	17	14	Wed. 7	4 ·86	16 ·95	17	14	Mon. 7	6 ·37	22 ·28	19
16	Mon. 8	5 ·74	12 ·30	18	15	Thur. 8	5 ·79	17 ·92	18	15	Tues. 8	7 ·27	23 ·21	20
17	Tues. 9	6 ·75	13 ·32	19	16	Fri. 9	6 ·72	18 ·87	19	16	Wed. 9	8 ·17	24 ·15	21
18	Wed. 10	7 ·73	14 ·34	20	17	Sat. 10	7 ·63	19 ·80	20	17	Thur. 10	9 ·08	25 ·10	22
19	Thur. 11	8 ·68	15 ·32	21	18	Sun. 11	8 ·53	20 ·74	21	18	Fri. 11	10 ·01	26 ·07	23
20	Fri. 12	9 ·61	16 ·29	22	19	Mon. 12	9 ·43	21 ·67	22			11 ·95		
21	Sat. 13	10 ·53	17 ·24	23	20	Tues. 13	10 ·33	22 ·61	23	19	Sat. 12	12 ·91	27 ·04	24
22	Sun. 14	11 ·45	18 ·18	24	21	Wed. 14	11 ·23	23 ·54	24	20	Sun. 13	13 ·89	1 ·03	25
23	Mon. 15	12 ·35	19 ·13	25	22	Thur. 15	12 ·13	24 ·48	25	21	Mon. 14	14 ·89	2 ·04	26
			20 ·06				13 ·05			22	Tues 15	—**A** ·92	3 ·07	27
24	Tues. 16	13 ·25	21 ·99	26	23	Fri. 16	14 ·97	25 ·43	26	23	Wed. 16	1 ·94	4 ·13	28
25	Wed. 17	14 ·15	22 ·92	27	24	Sat. 17	—**A** ·93	26 ·40	27	24	Thur. 17	... ..	5 ·21	—29
26	Thur. 18	**A** ·06	23 ·86	28	25	Sun. 18	1 ·89	27 ·38	28	25	Fri. 18	2 ·01	6 ·29	1
		1 ·97			26	Mon. 19	2 ·88	1 ·39	—29	26	Sat. 19	3 ·08	7 ·39	2
27	Fri. 19	2 ·89	24 ·81	—29	27	Tues. 20	3 ·88	2 ·41	1	27	Sun. 20	4 ·16	8 ·50	3
28	Sat. 20	3 ·82	25 ·77	1	28	Wed. 21	4 ·91	3 ·45	2	28	Mon. 21	5 ·24	9 ·62	4
29	Sun. 21	4 ·77	26 ·74	2	29	Thur. 22	5 ·95	4 ·51	3	29	Tues. 22	6 ·32	10 ·71	5
—30	Mon. 22	5 ·74	27 ·73	3	—30	Fri. 23	... ...	5 ·59	4	30	Wed. 23	7 ·40	11 ·80	6
31	Tues. 23	6 ·72	1 ·74	4	1	Sat. 24	*Śukla.* 6 ·01	6 ·69	5	—31	Thur. 24	8 ·44	12 ·87	7
2	Wed. 24	7 ·72	2 ·78	5	2	Sun. 25	7 ·09	7 ·80	6	1	Fri. 25	9 ·48	13 ·91	8
3	Thur. 25	8 ·75	3 ·83	6	3	Mon. 26	8 ·18	8 ·90	7	2	Sat. 26	10 ·49	14 ·94	9
4	Fri. 26	9 ·80	4 ·90	7	4	Tues. 27	9 ·26	... ...	8	3	Sun. 27	11 ·47	15 ·96	10
5	Sat. 27	*Śukla.* 10 ·87	5 ·99	8	5	Wed. 28	10 ·33	9 ·01	9	4	Mon. 28	12 ·44	16 ·94	11
6	Sun. 28	11 ·94	... ...	9	6	Thur. 29	11 ·40	10 ·10	10	5	Tues. 29	13 ·39	17 ·92	12
7	Mon. 29	... ...	6 ·09	10	7	Fri. 30	12 ·46	11 ·19	11	6	Wed. 30	14 ·32	18 ·87	13
8	Tues. 30	12 ·03	7 ·19	11	8	Sat. 31	13 ·49	12 ·25	12	7	Thur. 31	**P** ·24	19 ·82	14
9	Wed. 31	13 ·12	8 ·31	12										
	Feb.					**April.**					**June.**			
10	Thur. 1	14 ·20	9 ·41	13	9	Sun. 1	14 ·50	13 ·28	13	8	Fri. 1	1 ·16	20 ·76	15
11	Fri. 2	**P** ·27	10 ·49	14	10	Mon. 2	**P** ·48	14 ·30	14			2 ·05		
12	Sat. 3	1 ·33	11 ·56	15	11	Tues. 3	1 ·46	15 ·30	15	9	Sat. 2	3 ·95	21 ·69	16
13	Sun. 4	2 ·37	12 ·61	16	12	Wed. 4	2 ·40	16 ·29	16	10	Sun. 3	4 ·85	22 ·62	17
14	Mon. 5	3 ·36	13 ·65	17	13	Thur. 5	3 ·33	17 ·25	17	11	Mon. 4	5 ·75	23 ·55	18
15	Tues. 6	4 ·35	14 ·66	18	14	Fri. 6	4 ·25	18 ·20	18	12	Tues. 5	6 ·65	24 ·49	19
16	Wed. 7	5 ·33	15 ·65	19	15	Sat. 7	5 ·16	19 ·14	19	13	Wed. 6	7 ·56	25 ·44	20
17	Thur. 8	6 ·28	16 ·62	20			6 ·06			14	Thur. 7	8 ·49	26 ·40	21
18	Fri. 9	7 ·21	17 ·58	21	16	Sun. 8	7 ·96	20 ·07	20	15	Fri. 8	9 ·43	27 ·37	22
19	Sat. 10	*Śukla.* 8 ·14	18 ·53	22				21 ·00		16	Sat. 9	*Śukla.* 10 ·38	1 ·35	*H.* 23
		9 ·06			17	Mon. 9	8 ·86	22 ·94	21	17	Sun. 10	11 ·37	2 ·36	24
20	Sun. 11	10 ·96	19 ·47	23	18	Tues. 10	*Śukla.* 9 ·76	23 ·88	22	18	Mon. 11	12 ·37	3 ·40	25
21	Mon. 12	11 ·86	20 ·40	24	19	Wed. 11	10 ·67	24 ·81	23	19	Tues. 12	13 ·39	4 ·44	26
22	Tues. 13	12 ·76	21 ·33	25	20	Thur. 12	11 ·58	25 ·76	24	20	Wed. 13	14 ·44	5 ·51	27
23	Wed. 14	13 ·67	22 ·26	26	21	Fri. 13	12 ·51	26 ·73	25	21	Thur. 14	—**A** ·49	6 ·59	28
24	Thur. 15	14 ·58	23 ·20	27	22	Sat. 14	13 ·46	27 ·71	26	22	Fri. 15	1 ·55	7 ·69	29
25	Fri. 16	—**A** ·49	24 ·15	28	23	Sun. 15	14 ·42	1 ·71	27	23	Sat. 16	2 ·64	8 ·81	—30
26	Sat. 17	1 ·42	25 ·10	29	24	Mon. 16	—**A** ·41	2 ·72	28	24	Sun. 17	3 ·73	9 ·91	1
27	Sun. 18	2 ·37	26 ·07	—30	25	Tues. 17	1 ·40	3 ·76	29	25	Mon. 18	4 ·80	... ...	2
28	Mon. 19	3 ·33	27 ·05	1	26	Wed. 18	*Śukla.* 2 ·43	4 ·82	—30	26	Tues. 19	5 ·87	10 ·01	3
29	Tues. 20	4 ·31	1 ·06	2	27	Thur. 19	3 ·46	5 ·90	1	27	Wed. 20	6 ·93	11 ·10	4
—30	Wed. 21	5 ·83	2 ·09	3	28	Fri. 20	4 ·53	6 ·99	2	28	Thur. 21	7 ·95	12 ·17	5
1	Thur. 22	6 ·35	3 ·14	4	29	Sat. 21	5 ·60	... ...	3	29	Fri. 22	8 ·96	13 ·23	6
2	Fri. 23	7 ·40	4 ·20	5	30	Sun. 22	6 ·68	7 ·10	4	30	Sat. 23	9 ·95	14 ·27	7
3	Sat. 24	8 ·46	5 ·29	6	—31	Mon. 23	7 ·77	8 ·20	5	31	Sun. 24	10 ·92	15 ·28	8
4	Sun. 25	9 ·55	6 ·39	7	1	Tues. 24	8 ·85	9 ·31	6	—32	Mon. 25	11 ·87	16 ·27	9
5	Mon. 26	*Phāl.* 10 ·63	7 ·50	8	2	Wed. 25	9 ·92	10 ·41	7	1	Tues. 26	12 ·80	17 ·25	10
6	Tues. 27	11 ·71	8 ·61	9	3	Thur. 26	10 ·97	11 ·49	8	2	Wed. 27	13 ·73	18 ·20	11
7	Wed. 28	12 ·79	9 ·71	10	4	Fri. 27	... ...	12 ·56	9	3	Thur. 28	14 ·64	19 ·16	12
					5	Sat. 28	11 ·00	13 ·60	10	4	Fri. 29	**P** ·54	20 ·10	13
					6	Sun. 29	12 ·00	14 ·62	11	5	Sat. 30	*Āshādha.* 1 ·44	21 ·03	14
					7	Mon. 30	13 ·98	15 ·63	12				22 ·96	

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1067. **Kollam 243,** { **N. Malabar—Aug.** **Hijra 460.** **Vikrama 1124.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 11.** **Bengal San. 473.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	**Āsh.** 2 ·34	23 ·89	15	6	Sat. 1	6 ·89	3 ·34	18	6	Thur. 1	7 ·38	9 ·41	20
7	Mon. 2	3 ·24	24 ·83	16	7	Sun. 2	7 ·92	4 ·37	19	7	Fri. 2	8 ·47	10 ·52	21
8	Tues. 3	4 ·14	25 ·77	17	8	Mon. 3	8 ·96	5 ·43	20	8	Sat. 3	9 ·57	11 ·62	22
9	Wed. 4	{ 5 ·06 / 6 ·98	26 ·73	18	9	Tues. 4	... ...	6 ·51	21	9	Sun. 4	10 ·64	12 ·71	23
10	Thur. 5	7 ·91	27 ·69	19	10	Wed. 5	9 ·02	7 ·60	22	10	Mon. 5	11 ·70	13 ·79	24
11	Fri. 6	8 ·87	1 ·68	20	11	Thur. 6	10 ·09	8 ·70	23	11	Tues. 6	12 ·74	14 ·84	25
12	Sat. 7	9 ·85	2 ·69	21	12	Fri. 7	11 ·17	9 ·81	24	12	Wed. 7	13 ·75	15 ·89	26
13	Sun. 8	10 ·86	3 ·71	22	13	Sat. 8	12 ·26	10 ·91	25	13	Thur. 8	14 ·75	16 ·90	27
14	Mon. 9	11 ·87	4 ·75	23	14	Sun. 9	13 ·34	.. ...	26	14	Fri. 9	—**A** ·72	17 ·90	28
15	Tues. 10	12 ·91	5 ·82	24	15	Mon. 10	14 ·42	11 ·02	27	15	Sat. 10	1 ·68	18 ·87	—29
16	Wed. 11	13 ·97	6 ·90	25	16	Tues. 11	—**A** ·47	12 ·10	28	16	Sun. 11	2 ·61	19 ·83	1
17	Thur. 12	... ...	7 ·99	26	17	Wed. 12	1 ·51	13 ·17	—29	17	Mon. 12	3 ·54	20 ·79	2
18	Fri. 13	14 ·05	... ...	27	18	Thur. 13	2 ·53	14 ·22	1	18	Tues. 13	4 ·45	21 ·73	3
19	Sat. 14	—**A** ·13	8 ·11	28	19	Fri. 14	3 ·52	15 ·24	2	19	Wed. 14	5 ·35	22 ·66	4
20	Sun. 15	1 ·21	9 ·21	—29	20	Sat. 15	4 ·50	16 ·26	3	20	Thur. 15	6 ·25	23 ·59	5
21	Mon. 16	2 ·28	10 ·31	1	21	Sun. 16	5 ·46	17 ·24	4	21	Fri. 16	7 ·16	24 ·52	6
22	Tues. 17	3 ·35	11 ·41	2	22	Mon. 17	6 ·40	18 ·21	5	22	Sat. 17	{ 8 ·07 / 9 ·98	25 ·46	7
23	Wed. 18	4 ·41	12 ·48	3	23	Tues. 18	7 ·32	19 ·17	6	23	Sun. 18	10 ·91	26 ·40	8
24	Thur. 19	5 ·43	13 ·55	4	24	Wed. 19	8 ·23	20 ·11	7	24	Mon. 19	11 ·84	27 ·35	9
25	Fri. 20	6 ·45	14 ·59	5	25	Thur. 20	9 ·13	21 ·04 / 22 ·98	8	25	Tues. 20	12 ·77	1 ·32	10
26	Sat. 21	7 ·44	15 ·60	6	26	Fri. 21	{ 10 ·03 / 11 ·93	23 ·91	9	26	Wed. 21	13 ·75	2 ·30	11
27	Sun. 22	8 ·41	16 ·60	7						27	Thur. 22	14 ·73	3 ·31	12
28	Mon. 23	9 ·37	17 ·58	8	27	Sat. 22	12 ·83	24 ·84	10	28	Fri. 23	**P** ·74	4 ·33	13
29	Tues. 24	10 ·30	18 ·55	9	28	Sun. 23	13 ·74	25 ·78	11	—29	Sat. 24	1 ·76	5 ·37	14
30	Wed. 25	11 ·23	19 ·50	10	29	Mon. 24	14 ·66	26 ·73	12	1	Sun. 25	2 ·82	6 ·43	15
—31	Thur. 26	12 ·14	20 ·44	11	30	Tues. 25	**P** ·58	27 ·69	13	2	Mon. 26	3 ·88	7 ·50	16
1	Fri. 27	{ 13 ·04 / 14 ·94	21 ·37	12	—31	Wed. 26	1 ·54	1 ·66	14	3	Tues. 27	4 ·96	8 ·61	17
2	Sat. 28	**P** ·84	22 ·30	13	1	Thur. 27	2 ·50	2 ·65	15	4	Wed. 28	... ...	9 ·71	18
3	Sun. 29	1 ·74	23 ·24	14	2	Fri. 28	3 ·48	3 ·66	16	5	Thur. 29	5 ·05	10 ·82	19
4	Mon. 30	2 ·64	24 ·17	15	3	Sat. 29	4 ·48	4 ·69	17	6	Fri. 30	6 ·14	11 ·92	20
5	Tues. 31	3 ·56	25 ·11	16	4	Sun. 30	5 ·50	5 ·75	18					
	Aug.					**Oct.**					**Dec.**			
6	Wed. 1	4 ·48	26 ·06	17	5	Mon. 1	6 ·54	6 ·82	19	7	Sat. 1	7 ·22	... ...	21
7	Thur. 2	5 ·42	27 ·02	18	6	Tues. 2	7 ·61	7 ·90	20	8	Sun. 2	8 ·29	12 ·01	22
8	Fri. 3	6 ·37	1 ·00	19	7	Wed. 3	8 ·68	... ...	21	9	Mon. 3	9 ·35	13 ·09	23
9	Sat. 4	7 ·36	2 ·01	20	8	Thur. 4	9 ·77	8 ·00	22	10	Tues. 4	10 ·38	14 ·16	24
10	Sun. 5	8 ·36	3 ·02	21	9	Fri. 5	10 ·85	9 ·11	23	11	Wed. 5	11 ·41	15 ·20	25
11	Mon. 6	9 ·37	4 ·06	22	10	Sat. 6	11 ·93	10 ·22	24	12	Thur. 6	12 ·39	16 ·22	26
12	Tues. 7	10 ·42	5 ·12	23	11	Sun. 7	... ...	11 ·32	25	13	Fri. 7	13 ·36	17 ·22	27
13	Wed. 8	11 ·47	6 ·20	24	12	Mon. 8	12 ·01	12 ·41	26	14	Sat. 8	14 ·32	18 ·20	28
14	Thur. 9	12 ·55	7 ·30	25	13	Tues. 9	13 ·07	13 ·48	27	15	Sun. 9	—**A** ·26	19 ·18	29
15	Fri. 10	13 ·63	8 ·40	26	14	Wed. 10	14 ·11	14 ·53	28	16	Mon. 10	1 ·19	20 ·13	—30
16	Sat. 11	14 ·71	9 ·51	27	15	Thur. 11	—**A** ·13	15 ·57	29	17	Tues. 11	2 ·10	21 ·07	1
17	Sun. 12	—**A** ·79	10 ·61	28	16	Fri. 12	1 ·12	16 ·58	—30	18	Wed. 12	{ 3 ·01 / 4 ·91	22 ·00 / 23 ·93	2
18	Mon. 13	1 ·86	11 ·71	29	17	Sat. 13	2 ·09	17 ·57	1					
19	Tues. 14	2 ·92	12 ·80	—30	18	Sun. 14	3 ·05	18 ·54	2	19	Thur. 13	5 ·81	24 ·87	3
20	Wed. 15	3 ·95	13 ·86	1	19	Mon. 15	{ 4 ·00 / 5 ·92	19 ·50	3	20	Fri. 14	6 ·71	25 ·80	4
21	Thur. 16	4 ·98	14 ·90	2						21	Sat. 15	7 ·62	26 ·74	5
22	Fri. 17	5 ·96	15 ·92	3	20	Tues. 16	6 ·83	20 ·45	4	22	Sun. 16	8 ·55	27 ·69	6
23	Sat. 18	6 ·94	16 ·92	4	21	Wed. 17	7 ·74	21 ·39	5	23	Mon. 17	9 ·48	1 ·65	7
24	Sun. 19	7 ·90	17 ·91	5	22	Thur. 18	8 ·64	22 ·32	6	24	Tues. 18	10 ·43	2 ·62	8
25	Mon. 20	8 ·84	18 ·88	6	23	Fri. 19	9 ·54	23 ·25	7	25	Wed. 19	11 ·39	3 ·63	9
26	Tues. 21	9 ·75	19 ·82	7	24	Sat. 20	10 ·44	24 ·18	8	26	Thur. 20	12 ·38	4 ·64	10
27	Wed. 22	10 ·66	20 ·77	8	25	Sun. 21	11 ·35	25 ·12	9	27	Fri. 21	13 ·39	5 ·68	11
28	Thur. 23	11 ·57	21 ·71	9	26	Mon. 22	12 ·27	26 ·07	10	28	Sat. 22	14 ·41	6 ·73	12
29	Fri. 24	12 ·47	22 ·65	10	27	Tues. 23	13 ·20	27 ·02 / 1 ·99	11	29	Sun. 23	**P** ·46	7 ·81	13
30	Sat 25	13 ·37	23 ·58	11						—30	Mon. 24	1 ·54	8 ·91	14
—31	Sun. 26	14 ·27	24 ·51	12	28	Wed. 24	14 ·14	2 ·97	12	1	Tues. 25	2 ·62	... ...	15
1	Mon. ○ 27	**P** ·18	25 ·44	13	29	Thur. 25	**P** ·11	3 ·98	13	2	Wed. 26	3 ·70	9 ·01	16
2	Tues. 28	1 ·09	26 ·39	14	—30	Fri. 26	1 ·09	... ...	14	3	Thur. 27	4 ·79	10 ·12	17
3	Wed. 29	{ 2 ·01 / 3 ·96	27 ·35	15	1	Sat. 27	2 ·10	4 ·01	15	4	Fri. 28	5 ·88	11 ·22	18
					2	Sun. 28	3 ·12	5 ·06	16	5	Sat. 29	6 ·94	12 ·32	19
4	Thur. 30	4 ·91	1 ·34	16	3	Mon. 29	4 ·16	6 ·12	17	6	Sun. 30	7 ·99	13 ·40	20
5	Fri. 31	5 90	2 ·33	17	4	Tues. 30	5 ·23	7 ·20	18	7	Mon. 31	... ...	14 ·47	21
					5	Wed. 31	6 ·30	8 ·30	19					

Plavaṅga. **Karkaṭaka—Ādi.** *Śuklā.* *Bahula.* *H. 459 Sha'bān.*

Plavaṅga. **Siṁha—Avaṇi.** *Śuklā.* *Bahula.* *H. 459 Ramażān.*

Plavaṅga. **Kan.—Pu.** *Śuklā.* *Bahula.* *H. 459 Shawwāl.*

Plavaṅga. **Kanyā—Purattāśi.** *Śuklā.* *Bahula.* *H. 459 Shawwāl.*

Plavaṅga. **Tulā—Aippaśi.** *Śuklā.* *Bahula.* *H. 459 Zi-l-ka'da.*

Plavaṅga. **Kārttika.** *Śuklā.* *Bahula.* *H. 459 Zi-l-hijja.*

Plavaṅga. **Vṛiśchika—Kārttigai.** *Śuklā.* *Bahula.* *H. 459 Zi-l-hijja.*

Plavaṅga. **Dhanus—Margali.** *Śuklā.* *Bahula.* *H. 460 Muharram.*

Plavaṅga. **Mārgaśirsha.** *Śuklā.* *Bahula.* *H. 460 Safar.*

Plavaṅga. **Pausha.** *Śuklā.* *Bahula.* *H. 460 Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1068. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·33.** **Śaka 990.** **Kaliyuga 4169.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·29.** **(S. Cycle) Kīlaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Tues.	1	8 ·03	15 ·52	22	9	Sat.	1	9 ·09	20 ·13	23	9	Thur.	1	12 ·47	27 ·37	25
9	Wed.	2	9 ·05	16 ·54	23	10	Sun.	2	10 ·01 / 11 ·92	21 ·08	24	10	Fri.	2	13 ·39	1 ·32	26
10	Thur.	3	10 ·03	17 ·55	24							11	Sat.	3	14 ·33	2 ·27	27
11	Fri.	4	11 ·01 / 12 ·97	18 ·54	25	11	Mon.	3	12 ·82	22 ·02 / 23 ·96	25	12	Sun.	4	—**A** ·27	3 ·26	28
12	Sat.	5	13 ·89	19 ·51	26	12	Tues.	4	13 ·72	24 ·89	26	13	Mon.	5	1 ·23	4 ·25	—29
13	Sun.	6	14 ·81	20 ·46	27	13	Wed.	5	14 ·62	25 ·81	27	14	Tues.	6	2 ·21	5 ·26	1
14	Mon.	7	—**A** ·72	21 ·40	28	14	Thur.	6	—**A** ·53	26 ·75	28	15	Wed.	7	3 ·22	6 ·29	2
15	Tues.	8	1 ·63	22 ·34	—29	15	Fri.	7	1 ·44	27 ·70	—29	16	Thur.	8	4 ·23	7 ·34	3
16	Wed.	9	2 ·54	23 ·28	1	16	Sat.	8	2 ·35	1 ·65	1	17	Fri.	9	5 ·28	8 ·42	4
17	Thur.	10	3 ·44	24 ·21	2	17	Sun.	9	3 ·29	2 ·62	2	18	Sat.	10	6 ·35	9 ·51	5
18	Fri.	11	4 ·34	25 ·14	3	18	Mon.	10	4 ·24	3 ·60	3	19	Sun.	11	7 ·42	10 ·61	6
19	Sat.	12	5 ·26	26 ·08	4	19	Tues.	11	5 ·21	4 ·60	4	20	Mon.	12	8 ·50	11 ·72	7
20	Sun.	13	6 ·18	27 ·02 / 1 ·98	5	20	Wed.	12	**6** ·19	**5** ·63	5	21	Tues.	13	9 ·59	12 ·83	8
21	Mon.	14	7 ·10	2 ·96	6	21	Thur.	13	7 ·19	6 ·67	6	22	Wed.	14	10 ·67	13 ·92	9
22	Tues.	15	8 ·06	3 ·95	7	22	Fri.	14	8 ·22	7 ·73	7	23	Thur.	15	11 ·72	... ...	10
23	Wed.	16	9 ·02	4 ·96	8	23	Sat.	15	9 ·26	8 ·81	8	24	Fri.	16	12 ·77	14 ·02	11
24	Thur.	17	10 ·01	5 ·99	9	24	Sun.	16	10 ·33	9 ·91	9	25	Sat.	17	13 ·80	15 ·09	12
25	Fri.	18	11 ·02	... ..	10	25	Mon.	17	11 ·41	... ...	10	26	Sun.	18	14 ·82	16 ·13	13
26	Sat.	19	12 ·06	6 ·04	11	26	Tues.	18	12 ·50	10 ·02	11	27	Mon.	19	**P** ·79	17 ·16	14
27	Sun.	20	13 ·10	7 ·12	12	27	Wed.	19	13 ·58	11 ·12	12	28	Tues.	20	1 ·76	18 ·17	15
28	Mon.	21	14 ·16	8 ·21	13	28	Thur.	20	14 ·66	12 ·23	13	29	Wed.	21	2 ·71	19 ·16	16
—29	Tues.	22	**P** ·24	9 ·31	14	29	Fri.	21	**P** ·72	13 ·32	14	30	Thur.	22	3 ·65	20 ·13	17
1	Wed.	23	1 ·33	10 ·41	15	—30	Sat.	22	1 ·77	14 ·40	15	31	Fri.	23	4 ·56	21 ·09	18
2	Thur.	24	2 ·42	11 ·52	16	1	Sun.	23	2 ·81	15 ·46	16	—32	Sat.	24	5 ·47	22 ·03 / 23 ·97	H. 460 Rajab. 19
3	Fri.	25	3 ·50	12 ·63	17	2	Mon.	24	3 ·91	16 ·50	17	1	Sun.	25	6 ·37	24 ·91	20
4	Sat.	26	4 ·57	13 ·71	18	3	Tues.	25	4 ·80	17 ·52	18	2	Mon.	26	7 ·27	25 ·84	21
5	Sun.	27	5 ·62	14 ·78	19	4	Wed.	26	5 ·77	18 ·52	19	3	Tues.	27	8 ·17	26 ·77	22
6	Mon.	28	6 ·66	15 ·83	20	5	Thur.	27	6 ·72	19 ·50	20	4	Wed.	28	9 ·07 / 10 ·97	27 ·71	23
7	Tues.	29	7 ·67	16 ·86	21	6	Fri.	28	7 ·64	20 ·46	21	5	Thur.	29	11 ·88	1 ·65	24
8	Wed.	30	8 ·65	17 ·88	22	7	Sat.	29	8 ·56	21 ·42	22	6	Fri.	30	12 ·81	2 ·61	25
9	Thur.	31	9 ·63	18 ·87	23	8	Sun.	30	9 ·47	22 ·36	23	7	Sat.	31	13 ·75	3 ·59	26
	Feb.					9	Mon.	31	10 ·37	23 ·29	24		**June.**				
10	Fri.	1	10 ·57	19 ·84	24		**April.**					8	Sun.	1	14 ·71	4 ·57	27
11	Sat.	2	11 ·51	20 ·80	25	10	Tues.	1	11 ·27	24 ·22	25	9	Mon.	2	—**A** ·70	5 ·58	28
12	Sun.	3	12 ·43	21 ·74	26	11	Wed.	2	12 ·17	25 ·15	26	10	Tues.	3	1 ·70	6 ·61	29
13	Mon.	4	13 ·35	22 ·68	27	12	Thur.	3	13 ·07 / 14 ·97	26 ·10	27	11	Wed.	4	2 ·72	7 ·65	—30
14	Tues.	5	14 ·25	23 ·62	28					27 ·03		12	Thur.	5	3 ·76	8 ·73	1
15	Wed. ●	6	—**A** ·15	24 ·55	29	13	Fri.	4	—**A** ·89	1 ·98	28	13	Fri.	6	4 ·82	9 ·82	2
16	Thur.	7	1 ·05 / 2 ·95	25 ·48	—30	14	Sat.	5	1 ·82	2 ·95	29	14	Sat.	7	5 ·89	10 ·91	3
17	Fri.	8	3 ·86	26 ·41	1	15	Sun.	6	2 ·77	3 ·92	—30	15	Sun.	8	6 ·97	...	4
18	Sat.	9	4 ·78	27 ·35	2	16	Mon.	7	3 ·74	4 ·93	1	16	Mon.	9	... ...	11 ·02	5
19	Sun.	10	5 ·72	1 ·32	3	17	Tues.	8	4 ·71	5 ·94	2	17	Tues.	10	7 ·06	12 ·12	6
20	Mon.	11	6 ·67	2 ·29	4	18	Wed.	9	5 ·72	6 ·98	3	18	Wed.	11	8 ·13	13 ·24	7
21	Tues.	12	7 ·63	3 ·27	5	19	Thur.	10	6 ·75	... ...	4	19	Thur.	12	9 ·20	14 ·32	8
22	Wed.	13	8 ·62	4 ·28	6	20	Fri.	11	7 ·80	7 ·04	5	20	Fri.	13	10 ·25	15 ·40	9
23	Thur.	14	9 ·62	5 ·30	7	21	Sat.	12	8 ·86	8 ·11	6	21	Sat.	14	11 ·28	16 ·45	10
24	Fri.	15	10 ·66	6 ·36	8	22	Sun.	13	9 ·92	9 ·21	7	22	Sun.	15	12 ·29	17 ·48	11
25	Sat.	16	11 ·70	7 ·43	9	23	Mon.	14	... ...	10 ·32	8	23	Mon.	16	13 ·27	18 ·50	12
26	Sun.	17	12 ·77	8 ·51	10	24	Tues.	15	10 ·01	11 ·42	9	24	Tues.	17	14 ·25	19 ·49	13
27	Mon.	18	13 ·85	9 ·61	11	25	Wed.	16	11 ·09	12 ·53	10	25	Wed.	18	**P** ·20	20 ·47	14
28	Tues.	19	14 ·94	10 ·71	12	26	Thur.	17	12 ·17	13 ·62	11	26	Thur.	19	1 ·14	21 ·42	15
29	Wed. ○	20	... ...	11 ·83	13	27	Fri.	18	13 ·24	14 ·70	12	27	Fri.	20	2 ·05 / 3 ·96	22 ·37	H. 460 Sha'bán. 16
—30	Thur.	21	**P** ·03	12 ·93	14	28	Sat.	19	14 ·29	15 ·78	13	28	Sat.	21	4 ·87	23 ·32	17
1	Fri.	22	1 ·11	... ...	15	29	Sun.	20	**P** ·31	16 ·82	14	29	Sun.	22	5 ·76	24 ·25	18
2	Sat.	23	2 ·17	13 ·02	16	30	Mon.	21	1 ·32	17 ·84	15	30	Mon.	23	6 ·66	25 ·18	19
3	Sun.	24	3 ·22	14 ·09	17	31	Tues.	22	2 ·31	18 ·84	16	—31	Tues.	24	7 ·56	26 ·11	20
4	Mon.	25	4 ·26	15 ·15	18	1	Wed.	23	3 ·27	19 ·83	17	1	Wed.	25	8 ·46	27 ·04 / 1 ·98	21
5	Tues.	26	5 ·28	16 ·19	19	2	Thur.	24	4 ·21	20 ·80	18	2	Thur.	26	9 ·37	2 ·95	22
6	Wed.	27	6 ·25	17 ·20	20	3	Fri.	25	5 ·15	21 ·76	19	3	Fri.	27	10 ·31	3 ·91	23
7	Thur.	28	7 ·21	18 ·19	21	4	Sat.	26	6 ·07 / 7 ·98	22 ·70	20	4	Sat.	28	11 ·25	4 ·80	24
8	Fri.	29	8 ·16	19 ·17	22	5	Sun.	27	8 ·88	23 ·63	21	5	Sun.	29	12 ·21	5 ·80	25
						6	Mon.	28	9 ·78	24 ·56	22	6	Mon.	30	13 ·18	6 ·92	26
						7	Tues.	29	10 ·68	25 ·50	23						
						8	Wed.	30	11 ·58	26 ·43	24						

Plavaṅga. **Makara—Tai.** *Śukla.* *Bahula.* **Māgha.** *H. 460 Rabī-ul awwal.*
Plavaṅga. **Kumbha—Māśi.** *Śukla.* *Bahula.* **Phālguna.** *H. 460 Rabī-ul ākhir.*
Kīlaka. **Mēsha—Chittirai.** *Śukla.* *Bahula.* **Vaiśākha.** *H. 460 Jamāda'l awwal.*
Kīlaka. **Vrish.—Vaigāśi.** *Śukla.* *Bahula.* **Jyeshtha.** *H. 460 Jamāda'l ākhir.*
Kīlaka. **Mithuna—Āni.** *Śukla.* *Bahula.* **Āshādha.**
Kīlaka. **Kark.—Adi.** *Śukla.* *Bahula.* **Śrāvaṇa.**

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1068. **Kollam 244,** { **N. Malabar—Aug.** **Hijra 461.** **Vikrama 1125.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 31.** **Bengal San. 474.**
P—Paurnimā. **(N. Cycle) Sādhāraṇa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Tues. 1	14 ·17	7 ·97	27	6	Mon. 1	2 ·65	13 ·13	1	7	Sat. 1	3 ·03	19 ·12	2
8	Wed. 2	—**A** ·20	... ...	28	7	Tues. 2	3 ·72	14 ·28	2	8	Sun. 2	4 ·01 / 5 ·96	20 ·12	3
9	Thur. 3	1 ·23	8 ·04	—29	8	Wed. 3	4 ·78	15 ·31	3					
10	Fri. 4	2 ·29	9 12	1	9	Thur. 4	5 ·81	16 ·39	4	9	Mon. 3	6 ·90	21 ·09	4
11	Sat. 5	3 ·86	10 ·21	2	10	Fri. 5	6 ·83	17 ·44	5	10	Tues. 4	7 ·83	22 ·05	5
12	Sun. 6	4 ·45	11 ·32	3	11	Sat. 6	7 ·82	18 ·46	6	11	Wed. 5	8 ·75	23 ·00 / 24 ·95	6
13	Mon. 7	5 ·54	12 ·43	4	12	Sun. 7	8 ·79	19 ·47	7					
14	Tues. 8	6 ·61	13 ·54	5	13	Mon. 8	9 ·75	20 ·45	8	12	Thur. 6	9 ·65	25 ·88	7
15	Wed. 9	7 ·68	14 ·63	6	14	Tues. 9	10 ·68	21 ·43	9	13	Fri. 7	10 ·55	26 ·81	8
16	Thur. 10	8 ·72	15 ·70	7	15	Wed. 10	11 ·61	22 ·39	10	14	Sat. 8	11 ·45	27 ·74	9
17	Fri. 11	9 ·76	16 ·76	8	16	Thur. 11	12 ·52	23 ·33	11	15	Sun. 9	12 ·35	1 ·67	10
18	Sat. 12	10 ·78	17 ·81	9	17	Fri. 12	13 ·43	24 ·26	12	16	Mon. 10	13 ·26	2 ·62	11
19	Sun. 13	11 ·76	18 ·82	10	18	Sat. 13	14 ·33	25 ·19	13	17	Tues. 11	14 ·18	3 ·57	12
20	Mon. 14	12 ·73	19 ·82	11	19	Sun. 14	**P** ·23	26 ·13	14	18	Wed. 12	**P** ·12	4 ·54	13
21	Tues. 15	13 ·67	20 ·80	12	20	Mon. 15	1 ·13	27 ·06	15	19	Thur. 13	1 ·06	5 ·52	14
22	Wed. 16	14 ·61	21 ·76	13	21	Tues. 16	2 ·04 / 3 ·96	1 ·00 / 2 ·95	16	20	Fri. 14	2 ·03	6 ·52	15
23	Thur. 17	**P** ·53	22 ·71	14						21	Sat. 15	3 ·02	7 ·54	16
24	Fri. 18	1 ·45	23 ·66	15	22	Wed. 17	4 ·89	3 ·90	17	22	Sun. 16	4 ·02	8 ·59	17
25	Sat. 19	2 ·35	24 ·59	16	23	Thur. 18	5 ·84	4 ·88	18	23	Mon. 17	5 ·06	9 ·65	18
26	Sun. 20	3 ·25	25 ·52	17	24	Fri. 19	6 ·79	5 ·87	19	24	Tues. 18	6 ·11	10 ·72	19
27	Mon. 21	4 ·15	26 ·45	18	25	Sat. 20	7 ·77	6 ·88	20	25	Wed. 19	7 ·18	11 ·82	20
28	Tues. 22	5 ·05 / 6 ·95	27 ·38	19	26	Sun. 21	8 ·78	7 ·91	21	26	Thur. 20	8 ·26	12 ·92	21
					27	Mon. 22	9 ·79	8 ·96	22	27	Fri. 21	9 ·35	... ...	22
29	Wed. 23	7 ·86	1 ·33	20	28	Tues. 23	10 ·84	... ...	23	28	Sat. 22	10 ·43	13 ·04	23
30	Thur. 24	8 ·80	2 ·28	21	29	Wed. 24	11 ·91	9 ·04	24	29	Sun. 23	11 ·51	14 ·14	24
31	Fri. 25	9 ·74	3 ·24	22	—30	Thur. 25	12 ·99	10 ·12	25	—30	Mon. 24	12 ·59	15 ·24	25
—32	Sat. 26	10 ·71	4 ·22	23	1	Fri. 26	... ...	11 ·22	26	1	Tues. 25	13 ·64	16 ·31	26
1	Sun. 27	11 ·67	5 ·22	24	2	Sat. 27	13 ·07	12 ·33	27	2	Wed. 26	14 ·67	17 ·37	27
2	Mon. 28	12 ·67	6 ·25	25	3	Sun. 28	14 ·15	13 ·43	28	3	Thur. 27	—**A** ·68	18 ·42	28
3	Tues. 29	13 ·69	7 ·28	26	4	Mon. 29	—**A** ·24	14 ·53	29	4	Fri. 28	1 ·68	19 ·44	29
4	Wed. 30	14 ·73	8 ·34	27	5	Tues. 30	1 ·31	15 ·63	—30	5	Sat. 29	2 ·65	20 ·44	—30
5	Thur. 31	—**A** ·80	9 ·42	28						6	Sun. 30	3 ·60	21 ·42	1
	Aug.					**Oct.**					**Dec.**			
6	Fri. 1	1 ·88	10 ·51	29	6	Wed. 1	2 ·36	16 ·70	1	7	Mon. 1	4 ·54	22 ·39	2
7	Sat. 2	2 ·97	11 ·62	—30	7	Thur. 2	3 ·40	17 ·75	2	8	Tues. 2	5 ·46	23 ·35	3
8	Sun. 3	... ...	12 ·73	1	8	Fri. 3	4 ·42	18 ·78	3	9	Wed. 3	6 ·37	24 ·29	4
9	Mon. 4	3 ·05	13 ·83	2	9	Sat. 4	5 ·41	19 ·78	4	10	Thur. 4	7 ·28	25 ·22	5
10	Tues. 5	4 ·12	14 ·93	3	10	Sun. 5	6 ·38	20 ·79	5	11	Fri. 5	8 ·18	26 ·15	6
11	Wed. 6	5 ·19	... ...	4	11	Mon. 6	7 ·34	21 ·76	6					
12	Thur. 7	6 ·23	15 ·01	5	12	Tues. 7	8 ·27	22 ·72	7	12	Sat. 6	9 ·08 / 10 ·98	27 ·08	7
13	Fri. S	7 ·27	16 ·08	6	13	Wed. 8	9 ·20	23 ·67	8					
14	Sat. 9	8 ·29	17 ·12	7	14	Thur. 9	10 ·10	24 ·60	9	13	Sun. 7	11 ·90	1 ·01 / 2 ·96	8
15	Sun. 10	9 ·28	18 ·14	8	15	Fri. 10	11 ·01 / 12 ·91	25 ·54	10	14	Mon. 8	12 ·82	3 ·91	9
16	Mon. 11	10 ·24	19 ·14	9						15	Tues. 9	13 ·77	4 ·87	10
17	Tues. 12	11 ·20	20 ·12	10	16	Sat. 11	13 ·81	26 ·47	11	16	Wed. 10	14 ·72	5 ·84	11
18	Wed. 13	12 ·13	21 ·09	11	17	Sun. 12	14 ·72	27 ·40	12	17	Thur. 11	**P** ·68	6 ·84	12
19	Thur. 14	13 ·05 / 14 ·97	22 ·05 / 23 ·99	12	18	Mon. 13	**P** ·64	1 ·34	13	18	Fri. 12	1 ·66	7 ·86	13
20	Fri. ○15	**P** ·87	24 ·93	13	19	Tues. 14	1 ·56	2 ·28	14	19	Sat. 13	2 ·68	8 ·90	14
21	Sat. 16	1 ·77	25 ·86	14	20	Wed. 15	2 ·49	3 ·24	15	20	Sun. 14	3 ·70	9 ·95	15
22	Sun. 17	2 ·67	26 ·79	15	21	Thur. 16	3 ·43	4 ·21	16	21	Mon. 15	4 ·75	... ...	16
23	Mon. 18	3 ·57	27 ·73	16	22	Fri. 17	4 ·39	5 ·19	17	22	Tues. 16	5 ·83	10 ·03	17
24	Tues. 19	4 ·48	1 ·66	17	23	Sat. 18	5 ·39	6 ·20	18	23	Wed. 17	6 ·91	11 ·12	18
25	Wed. 20	5 ·39	2 ·61	18	24	Sun. 19	6 ·39	7 ·22	19	24	Thur. 18	7 ·99	12 ·23	19
26	Thur. 21	6 ·32	3 ·57	19	25	Mon. 20	7 ·40	8 ·27	20	25	Fri. 19	... ...	13 ·34	20
27	Fri. 22	7 ·26	4 ·55	20	26	Tues. 21	8 ·45	9 ·34	21	26	Sat. 20	8 ·07	14 ·44	21
28	Sat. 23	8 ·22	5 ·55	21	27	Wed. 22	9 ·52	10 ·42	22	27	Sun. 21	9 ·15	15 ·54	22
29	Sun. 24	9 ·20	6 ·56	22	28	Thur. 23	10 ·61	11 ·52	23	28	Mon. 22	10 ·28	16 ·62	23
30	Mon. 25	10 ·20	7 ·60	23	29	Fri. 24	11 ·70	12 ·62	24	—29	Tues. 23	11 ·28	17 ·69	24
—31	Tues. 26	11 ·22	8 ·65	24	—30	Sat. 25	12 ·78	13 ·73	25	1	Wed. 24	12 ·32	18 ·74	25
1	Wed. 27	12 ·27	9 ·72	25	1	Sun. 26	13 ·86	14 ·84	26	2	Thur. 25	13 ·33	19 ·76	26
2	Thur. 28	13 ·32	10 ·82	26	2	Mon. 27	14 ·83	15 ·93	27	3	Fri. 26	14 ·32	20 ·77	27
3	Fri. 29	14 ·40	11 ·92	27	3	Tues. 28	—**A** ·99	... ...	28	4	Sat. 27	—**A** ·29	21 ·75	28
4	Sat. 30	—**A** ·49	... ...	28	4	Wed. 29	... ...	16 ·01	29	5	Sun. 28	1 ·25	22 ·72	—29
5	Sun. 31	1 ·57	12 ·03	—29	5	Thur. 30	1 ·02	17 ·06	—30	6	Mon. 29	2 ·18	23 ·68	1
					6	Fri. 31	2 ·05	18 ·10	1	7	Tues. 30	3 ·10	24 ·62	2
										8	Wed. 31	4 ·01 / 5 ·91	25 ·56	3

Kilaka. **Karkaṭaka—Ādi.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Bahula.* **Māgha.**

Kilaka. **Kanyā—Puraṭṭāsi.** *Sukla.* **Tulā—Aippaśi.** *Bahula.* **Vṛśchika—Kārttigai.** *Sukla.* **Dhanus—Mārgali.** *Bahula.* **Makara—Tai.**

Kilaka. **Siṁha—Āvaṇi.** *Sukla.* **Kanyā—Puraṭṭāsi.** *Bahula.* **Tulā—Aippaśi.** *Sukla.* **Vṛśchika—Kārttigai.** *Bahula.* **Dhanus—Mārgali.** *Sukla.* **Makara—Tai.** *Bahula.* **Kumbha—Māsi.**

H. 460 *Ramaẓān.* *H.* 460 *Zi-l-ka'da.* *H.* 460 *Zi-l-ḥijja.* *H.* 461 *Muharram.* *H.* 461 *Ṣafar.*

H. 460 *Shawwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1069. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·59.** **Śaka 991.** **Kaliyuga 4170.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·55.** **(S. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day. English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day. English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day. English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Thur.	1	6 ·81	26 ·49	4	9	Sun.	1	6 ·66	4 ·87	4	9	Fri.	1	8 ·58	10 ·56	6
10	Fri.	2	7 ·71	27 ·42	5	10	Mon.	2	7 ·61	5 ·84	5	10	Sat.	2	9 ·62	11 ·64	7
11	Sat.	3	8 ·62	1 ·36	6	11	Tues.	3	8 ·55	6 ·82	6	11	Sun.	3	10 ·69	12 ·73	8
12	Sun.	4	9 ·54	2 ·29	7	12	Wed.	4	9 ·51	7 ·82	7	12	Mon.	4	11 ·76	13 ·84	9
13	Mon.	5	10 ·46	3 ·24	8	13	Thur.	5	10 ·50	8 ·84	8	13	Tues.	5	12 ·84	14 ·94	10
14	Tues.	6	11 ·40	4 ·20	9	14	Fri.	6	11 ·50	9 ·89	9	14	Wed.	6	13 ·92	... ...	11
15	Wed.	7	12 ·35	5 ·17	10	15	Sat.	7	12 ·54	10 ·95	10	15	Thur.	7	... ...	15 ·05	12
16	Thur.	8	13 ·32	6 ·17	11	16	Sun.	8	13 ·59	... ...	11	16	Fri.	8	14 ·01	16 ·14	13
17	Fri.	9	14 ·30	7 ·18	12	17	Mon.	9	14 ·66	11 ·03	12	17	Sat.	9	P ·08	17 ·23	14
18	Sat.	10	P ·31	8 ·21	13	18	Tues.	10	P ·74	12 ·13	13	18	Sun.	10	1 ·12	18 ·31	15
19	Sun.	11	1 ·35	9 ·26	14	19	Wed.	11	1 ·82	13 ·23	14	19	Mon.	11	2 ·13	19 ·35	16
20	Mon.	12	2 ·41	10 ·33	15	20	Thur.	12	2 ·91	14 ·35	15	20	Tues.	12	3 ·14	20 ·38	17
21	Tues.	13	3 ·47	11 ·43	16	21	Fri.	13	3 ·99	15 ·45	16	21	Wed.	13	4 ·13	21 ·39	18
22	Wed.	14	4 ·54	12 ·53	17	22	Sat.	14	... ...	16 ·54	17	22	Thur.	14	5 ·09	22 ·37	19
23	Thur.	15	5 ·63	13 ·63	18	23	Sun.	15	4 ·04	17 ·62	18	23	Fri.	15	6 ·04	23 ·35	20
24	Fri.	16	6 ·72	14 ·74	19	24	Mon.	16	5 ·09	18 ·68	19				7 ·97		
25	Sat.	17	7 ·81	15 ·84	20	25	Tues.	17	6 ·11	19 ·73	20	24	Sat.	16	8 ·88	24 ·31	21
26	Sun.	18	8 ·87	16 ·93	21	26	Wed.	18	7 ·12	20 ·74	21	25	Sun.	17	9 ·79	25 ·25	22
27	Mon.	19	9 ·93	... ...	22	27	Thur.	19	8 ·10	21 ·74	22	26	Mon.	18	10 ·69	26 ·19	23
28	Tues.	20	10 ·95	17 ·00	23	28	Fri.	20	9 ·07	22 ·72	23	27	Tues.	19	11 ·59	27 ·12	24
—29	Wed.	21	11 ·97	18 ·05	24	29	Sat.	21	10 ·01	23 ·68	24	28	Wed.	20	12 ·49	1 ·06	25
1	Thur.	22	12 ·95	19 ·08	25				11 ·95							2 ·99	
2	Fri.	23	13 ·92	20 ·09	26	30	Sun.	22	12 ·87	24 ·63	25	29	Thur.	21	13 ·39	3 ·93	26
3	Sat.	24	14 ·86	21 ·08	27	—31	Mon.	23	13 ·77	25 ·58	26	30	Fri.	22	14 ·29	4 ·87	27
4	Sun.	25	—A ·79	22 ·06	28	1	Tues.	24	14 ·67	26 ·51	27	31	Sat.	23	—A ·20	5 ·83	28
5	Mon.	26	1 ·72	23 ·01	29	2	Wed.	25	—A ·57	27 ·44	28	—32	Sun.	24	1 ·13	6 ·81	29
				24 ·96		3	Thur.	26	1 ·47	1 ·37	29	1	Mon.	25	2 ·08	7 ·79	—30
6	Tues.	27	2 ·63	25 ·90	—30	4	Fri.	27	2 ·37	2 ·30	30	2	Tues.	26	3 ·04	8 ·80	1
7	Wed.	28	3 ·54	26 ·83	1	5	Sat.	28	3 ·28	3 ·25	1	3	Wed.	27	4 ·02	9 ·83	2
8	Thur.	29	4 ·44	27 ·77	2	6	Sun.	29	4 ·20	4 ·20	2	4	Thur.	28	5 ·03	10 ·87	3
9	Fri.	30	5 ·34	1 ·70	3	7	Mon.	30	5 ·12	5 ·16	3	5	Fri.	29	6 ·04	11 ·94	4
10	Sat.	31	6 ·24	2 ·63	4	8	Tues.	31	6 ·08	6 ·14	4	6	Sat.	30	7 ·10	... ...	5
												7	Sun.	31	8 ·16	12 ·04	6
	Feb.						**April.**						**June.**				
11	Sun.	1	7 ·15	3 ·57	5	9	Wed.	1	7 ·05	7 ·14	5	8	Mon.	1	9 ·23	13 ·13	7
12	Mon.	2	8 ·08	4 ·53	6	10	Thur.	2	8 ·04	8 ·16	6	9	Tues.	2	10 ·32	14 ·24	8
13	Tues.	3	9 ·01	5 ·51	7	11	Fri.	3	9 ·04	9 ·20	7	10	Wed.	3	11 ·40	15 ·35	9
			10 ·97			12	Sat.	4	10 ·07	10 ·26	8	11	Thur.	4	12 ·48	16 ·45	10
14	Wed.	4	11 ·93	6 ·49	8	13	Sun.	5	11 ·12	11 ·33	9	12	Fri.	5	13 ·54	17 ·54	11
15	Thur.	5	12 ·91	7 ·50	9	14	Mon.	6	12 ·19	12 ·43	10	13	Sat.	6	14 ·59	18 ·62	12
16	Fri.	6	13 ·92	8 ·52	10	15	Tues.	7	13 ·26	13 ·54	11	14	Sun.	7	P ·61	19 ·67	13
17	Sat.	7	14 ·95	9 ·57	11	16	Wed.	8	14 ·34	14 ·64	12	15	Mon.	8	1 ·62	20 ·70	14
18	Sun.	8	... ...	10 ·65	12	17	Thur.	9	P ·43	15 ·75	13	16	Tues.	9	2 ·60	21 ·71	15
19	Mon.	9	P ·01	11 ·73	13	18	Fri.	10	1 ·50	16 ·84	14	17	Wed.	10	3 ·57	22 ·71	16
20	Tues.	10	1 ·09	12 ·83	14	19	Sat.	11	2 ·57	17 ·92	15	18	Thur.	11	4 ·52	23 ·68	17
21	Wed.	11	2 ·17	13 ·93	15	20	Sun.	12	3 ·62	18 ·99	16	19	Fri.	12	5 ·45	24 ·64	18
22	Thur.	12	3 ·25	... ...	16	21	Mon.	13	4 ·64	... ...	17	20	Sat.	13	6 ·36	25 ·59	19
23	Fri.	13	4 ·34	14 ·04	17	22	Tues.	14	5 ·65	19 ·04	18	21	Sun.	14	7 ·26	26 ·53	20
24	Sat.	14	5 ·42	15 ·14	18	23	Wed.	15	6 ·64	20 ·06	19	22	Mon.	15	8 ·16	27 ·47	21
25	Sun.	15	6 ·48	16 ·24	19	24	Thur.	16	7 ·60	21 ·06	20				9 ·06		
26	Mon.	16	7 ·53	17 ·31	20	25	Fri.	17	8 ·53	22 ·05	21	23	Tues.	16	10 ·96	1 ·40	22
27	Tues.	17	8 ·55	18 ·36	21	26	Sat.	18	9 ·46	23 ·01	22	24	Wed.	17	11 ·86	2 ·33	23
28	Wed.	18	9 ·56	19 ·40	22					24 ·98		25	Thur.	18	12 ·76	3 ·26	24
29	Thur.	19	10 ·54	20 ·42	23	27	Sun.	19	10 ·39	25 ·92	23	26	Fri.	19	13 ·69	4 ·20	25
—30	Fri.	20	11 ·52	21 ·41	24	28	Mon.	20	11 ·29	26 ·85	24	27	Sat.	20	14 ·62	5 ·16	26
1	Sat.	21	12 ·46	22 ·39	25	29	Tues.	21	12 ·19	27 ·78	25	28	Sun.	21	A ·56	6 ·13	27
2	Sun.	22	13 ·39	23 ·35	26	—30	Wed.	22	13 ·09	1 ·71	26	29	Mon.	22	1 ·52	7 ·12	28
3	Mon.	23	14 ·32	24 ·30	27				14 ·99			30	Tues.	23	2 ·50	8 ·12	—29
4	Tues.	24	—A ·22	25 ·23	28	1	Thur.	23	—A ·89	2 ·65	27	—31	Wed.	24	3 ·51	9 ·14	1
5	Wed.	25	1 ·12	26 ·17	—29	2	Fri.	24	1 ·79	3 ·59	28	1	Thur.	25	4 ·53	10 ·18	2
6	Thur.	26	2 ·02	27 ·10	1	3	Sat.	25	2 ·71	4 ·54	—29	2	Fri.	26	5 ·57	11 ·26	3
			3 ·92			4	Sun.	26	3 ·65	5 ·49	1	3	Sat.	27	6 ·63	12 ·34	4
7	Fri.	27	4 ·83	1 ·03	2	5	Mon.	27	4 ·60	6 ·47	2	4	Sun.	28	7 ·70	13 ·43	5
				2 ·97		6	Tues.	28	5 ·56	7 ·47	3	5	Mon.	29	8 ·79	14 ·54	6
8	Sat.	28	5 ·74	3 ·91	3	7	Wed.	29	6 ·54	8 ·48	4	6	Tues.	30	9 ·87	15 ·65	7
						8	Thur.	30	7 ·54	9 ·51	5						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26 U Bhad. 27. Rev.

A.D. 1069. **Kollam 245,** { **N. Malabar—Aug.** **Hijra 462.** **Vikrama 1126.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 20.** **Bengal San. 475.**
P—Paurnimā. **(N. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	10 ·95	16 ·76	8	6	Tues.	1	12 ·10	23 ·67	11						
8	Thur.	2	... ...	17 ·85	9	7	Wed.	2	13 ·05	24 ·64	12	7	Sun.	1	P ·73	2 ·03	13
9	Fri.	3	11 ·00	18 ·92	10				14 ·99							3 ·96	
10	Sat.	4	12 ·05	19 ·98	11	8	Thur.	3	P ·90	25 ·60	13	8	Mon.	2	1 ·63	4 ·89	14
11	Sun.	5	13 ·09	... ...	12	9	Fri.	4	1 ·81	26 ·55	14	9	Tues.	3	2 ·54	5 ·83	15
12	Mon.	6	14 ·11	20 ·02	13	10	Sat.	5	2 ·72	27 ·48	15	10	Wed.	4	3 ·46	6 ·79	16
13	Tues.	7	P ·09	21 ·04	14	11	Sun.	6	3 ·62	1 ·41	16	11	Thur.	5	4 ·39	7 ·76	17
14	Wed.	8	1 ·06	22 ·04	15	12	Mon.	7	4 ·52	2 ·34	17	12	Fri.	6	5 ·34	8 ·74	18
15	Thur.	9	2 ·00	23 ·01	16	13	Tues.	8	5 ·42	3 ·28	18	13	Sat.	7	6 ·51	9 ·74	19
			3 ·93	24 ·98		14	Wed.	9	6 ·33	4 ·22	19	14	Sun.	8	7 ·30	10 ·76	20
16	Fri.	10	4 ·85	25 ·93	17	15	Thur.	10	7 ·25	5 ·16	20	15	Mon.	9	8 ·31	11 ·80	21
17	Sat.	11	5 ·76	26 ·87	18	16	Fri.	11	8 ·18	6 ·12	21	16	Tues.	10	9 ·34	12 ·87	22
18	Sun.	12	6 ·66	27 ·81	19	17	Sat.	12	9 ·13	7 ·09	22	17	Wed.	11	10 ·40	13 ·95	23
19	Mon.	13	7 ·56	1 ·74	20	18	Sun.	13	10 ·10	8 ·09	23	18	Thur.	12	11 ·46	... ...	24
20	Tues.	14	8 ·46	2 ·67	21	19	Mon.	14	11 ·08	9 ·10	24	19	Fri.	13	12 ·54	14 ·04	25
21	Wed.	15	9 ·37	3 ·60	22	20	Tues.	15	12 ·08	10 ·13	25	20	Sat.	14	13 ·62	15 ·14	26
22	Thur.	16	10 ·28	4 ·54	23	21	Wed.	16	13 ·11	11 ·18	26	21	Sun.	15	14 ·72	16 ·25	27
23	Fri.	17	11 ·19	5 ·50	24	22	Thur.	17	14 ·15	12 ·25	27	22	Mon.	16	—A ·80	17 ·36	28
24	Sat.	18	12 ·11	6 ·46	25	23	Fri.	18	—A ·21	13 ·34	28	23	Tues.	17	1 ·87	18 ·46	29
25	Sun.	19	13 ·05	7 ·44	26	24	Sat.	19	1 ·29	14 ·44	29	24	Wed.	18	2 ·93	19 ·53	—30
26	Mon.	20	14 ·01	8 ·44	27	25	Sun.	20	2 ·38	15 ·55	—30	25	Thur.	19	3 ·96	20 ·59	1
27	Tues. ●	21	A ·00	9 ·46	28	26	Mon.	21	3 ·46	16 ·65	1	26	Fri.	20	4 ·97	21 ·63	2
			1 ·99			27	Tues.	22	4 ·53	17 ·75	2	27	Sat.	21	5 ·96	22 ·66	3
28	Wed.	22	... ...	10 ·50	29	28	Wed.	23	5 ·60	18 ·84	3	28	Sun.	22	6 ·92	23 ·66	4
29	Thur.	23	2 ·01	11 ·56	—30	29	Thur.	24	6 ·66	19 ·92	4	29	Mon.	23	7 ·88	24 ·64	5
30	Fri.	24	3 ·06	12 ·64	1	—30	Fri.	25	7 ·71	20 ·97	5	—30	Tues.	24	8 ·81	25 ·60	6
31	Sat.	25	4 ·12	13 ·73	2	1	Sat.	26	8 ·72	... ...	6	1	Wed.	25	9 ·74	26 ·56	7
—32	Sun.	26	5 ·20	14 ·84	3	2	Sun.	27	9 ·71	21 ·00	7	2	Thur.	26	10 ·65	27 ·51	8
1	Mon.	27	6 ·29	15 ·95	4	3	Mon.	28	10 ·67	22 ·01	8	3	Fri.	27	11 ·56	1 ·44	9
2	Tues.	28	7 ·37	... ...	5					23 ·00		4	Sat.	28	12 ·46	2 ·37	10
3	Wed.	29	8 ·44	16 ·06	6	4	Tues.	29	11 ·64	24 ·98	9	5	Sun.	29	13 ·36	3 ·30	11
4	Thur.	30	9 ·51	17 ·15	7	5	Wed.	30	12 ·57	25 ·94	10	6	Mon.	30	14 ·26	4 ·23	12
5	Fri.	31	10 ·56	18 ·23	8												
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	11 ·58	19 ·29	9	6	Thur.	1	13 ·49	26 ·88	11	7	Tues.	1	P ·18	5 ·17	12
7	Sun.	2	12 ·60	20 ·34	10	7	Fri.	2	14 ·41	27 ·82	12	8	Wed.	2	1 ·10	6 ·13	14
8	Mon.	3	13 ·59	21 ·36	11	8	Sat.	3	P ·31	1 ·75	13				2 ·03		
9	Tues.	4	14 ·55	22 ·36	12	9	Sun.	4	1 ·21	2 ·69	14	9	Thur.	3	3 ·99	7 ·09	15
10	Wed.	5	P ·51	23 ·34	13	10	Mon.	5	2 ·11	3 ·62	15	10	Fri.	4	4 ·96	8 ·06	16
11	Thur.	6	1 ·45	24 ·31	14				3 ·02			11	Sat.	5	5 ·95	9 ·06	17
12	Fri.	7	2 ·36	25 ·26	15	11	Tues.	6	4 ·93	4 ·56	16	12	Sun.	6	6 ·95	10 ·07	18
13	Sat.	8	3 ·27	26 ·21	16	12	Wed.	7	5 ·84	5 ·50	17	13	Mon.	7	7 ·98	11 ·12	19
14	Sun.	9	4 ·18	27 ·15	17	13	Thur.	8	6 ·78	6 ·45	18	14	Tues.	8	... ...	12 ·17	20
			5 ·08			14	Fri.	9	7 ·72	7 ·43	19	15	Wed.	9	8 ·04	13 ·25	21
15	Mon.	10	6 ·98	1 ·07	18	15	Sat.	10	8 ·69	8 ·41	20	16	Thur.	10	9 ·10	14 ·34	22
			7 ·88	2 ·00		16	Sun.	11	9 ·67	9 ·42	21	17	Fri.	11	10 ·19	15 ·44	23
16	Tues.	11		3 ·94	19	17	Mon.	12	10 ·68	10 ·44	22	18	Sat.	12	11 ·28	16 ·56	24
17	Wed.	12	8 ·78	4 ·88	20	18	Tues.	13	11 ·70	11 ·49	23	19	Sun.	13	12 ·37	17 ·66	25
18	Thur.	13	9 ·70	5 ·83	21	19	Wed.	14	12 ·75	12 ·56	24	20	Mon.	14	13 ·45	18 ·76	26
19	Fri.	14	10 ·62	6 ·79	22	20	Thur.	15	13 ·82	13 ·64	25	21	Tues.	15	14 ·52	19 ·84	27
20	Sat.	15	11 ·57	7 ·77	23	21	Fri.	16	14 ·90	14 ·74	26	22	Wed.	16	—A ·57	20 ·90	28
21	Sun.	16	12 ·53	8 ·76	24	22	Sat.	17	—A ·99	15 ·85	27	23	Thur.	17	1 ·60	21 ·96	—29
22	Mon.	17	13 ·52	9 ·78	25	23	Sun.	18	... ...	16 ·95	28	24	Fri.	18	2 ·62	22 ·98	1
23	Tues.	18	14 ·52	10 ·81	26	24	Mon.	19	1 ·08	... ..	—29	25	Sat.	19	3 ·60	23 ·99	2
24	Wed.	19	—A ·55	11 ·87	27	25	Tues.	20	2 ·16	17 ·05	1	26	Sun.	20	4 ·57	24 ·97	3
25	Thur.	20	1 ·59	12 ·94	28	26	Wed.	21	3 ·23	18 ·15	2	27	Mon.	21	5 ·52	25 ·94	4
26	Fri.	21	2 ·65	... ...	—29	27	Thur.	22	4 ·28	19 ·23	3	28	Tues.	22	6 ·47	26 ·90	5
27	Sat.	22	3 ·73	13 ·03	1	28	Fri.	23	5 ·31	20 ·28	4	—29	Wed.	23	7 ·38	27 ·84	6
28	Sun.	23	4 ·81	14 ·14	2	29	Sat.	24	6 ·33	21 ·32	5	1	Thur.	24	8 ·29	1 ·78	7
29	Mon.	24	5 ·89	15 ·25	3	—30	Sun.	25	7 ·32	22 ·33	6	2	Fri.	25	9 ·19	2 ·71	8
30	Tues.	25	6 ·96	16 ·35	4	1	Mon.	26	8 ·29	23 ·34	7				10 ·09		
—31	Wed.	26	... ...	17 ·45	5	2	Tues.	27	9 ·24	24 ·31	8	3	Sat.	26	11 ·99	3 ·64	9
1	Thur.	27	7 ·03	18 ·54	6	3	Wed.	28	10 ·18	25 ·27	9	4	Sun.	27	12 ·89	4 ·57	10
2	Fri.	28	8 ·09	19 ·61	7	4	Thur.	29	11 ·11	26 ·22	10	5	Mon.	28	13 ·82	5 ·51	11
3	Sat.	29	9 ·12	20 ·66	8				12 ·02			6	Tues.	29	14 ·74	6 ·46	12
4	Sun.	30	10 ·14	21 ·68	9	5	Fri.	30	13 ·93	27 ·16	11	7	Wed. ○	30	P ·67	7 ·42	13
5	Mon.	31	11 ·12	22 ·69	10	6	Sat.	31	14 ·83	1 ·10	12	8	Thur.	31	1 ·63	8 ·39	14

Saumya. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhād.** *Sukla.* **Āśvina.** *Bahula.* **Kārt.** *Sukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.**

Saumya. **Simha—Āvani.** *Saumya.* **Kanyā—Purattāsi.** *Saumya.* **Tulā—Aippasi.** *Saumya.* **Vṛiśchika—Kārttigai.** *Saumya.* **Dhanus—Mārgali.** *Saumya.* **Makara—Tai.**

H. 461 *Ramzān.* *Zi-l-ka'da.* *Shawwāl.* *Muharram.* *H.* 462 *Muharram.* *Safar.* *Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1070. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·85. Śaka 992. Kaliyuga 4171.
Lunar Eclipse. ○ (Arya Sid.) March 23·81. (S. Cycle) Sādhāraṇa.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Fri.	1	**Pausha.** 2 ·60	9 ·38	15	9	Mon.	1	**Phālguna.** 2 ·89	13 ·17	15	8	Sat.	1	3 ·34	19 ·37	17
10	Sat.	2	3 ·59	10 ·40	16	10	Tues.	2	3 ·96	14 ·25	16	9	Sun.	2	4 ·40	20 ·45	18
11	Sun.	3	4 ·59	11 ·43	17	11	Wed.	3	... ...	15 ·35	17	10	Mon.	3	5 ·43	21 ·52	19
12	Mon.	4	5 ·64	12 ·48	18	12	Thur.	4	4 ·05	16 ·45	18	11	Tues.	4	6 ·46	22 ·57	20
13	Tues.	5	6 ·69	13 ·55	19	13	Fri.	5	5 ·14	17 ·56	19	12	Wed.	5	7 ·47	23 ·60	21
14	Wed.	6	7 ·76	14 ·64	20	14	Sat.	6	6 ·22	18 ·66	20	13	Thur.	6	8 ·44	24 ·61	22
15	Thur.	7	8 ·84	15 ·75	21	15	Sun.	7	7 ·30	19 ·76	21	14	Fri.	7	9 ·41	25 ·59	23
16	Fri.	8	9 ·93	16 ·85	22	16	Mon.	8	8 ·36	20 ·84	22	15	Sat.	8	10 ·36	26 ·56	24
17	Sat.	9	*Bahula.*	17 ·97	23	17	Tues.	9	*Bahula.* 9 ·40	21 ·90	23	16	Sun.	9	11 ·28	27 ·53	25
18	Sun.	10	10 ·02	... ...	24	18	Wed.	10	10 ·44	22 ·93	24	17	Mon.	10	12 ·20	1 ·47	*H.* 26
19	Mon.	11	11 ·10	18 ·06	25	19	Thur.	11	11 ·43	23 ·95	25	18	Tues.	11	13 ·10	2 ·41	27
20	Tues.	12	12 ·17	19 ·15	26	20	Fri.	12	12 ·42	24 ·96	26	19	Wed.	12	14 ·00	3 ·34	28
21	Wed.	13	13 ·22	20 ·22	27	21	Sat.	13	13 ·38	25 ·94	27				**A** ·90		
22	Thur.	14	14 ·25	21 ·27	28	22	Sun.	14	14 ·33	26 ·90	28	20	Thur.	13	1 ·80	4 ·27	29
23	Fri.	15	**A** ·25	22 ·30	29	23	Mon.	15	**A** ·25	27 ·85	29	21	Fri.	14	2 ·70	5 ·21	—30
24	Sat.	16	1 ·23	23 ·31	—30	24	Tues.	16	1 ·17	1 ·79	—30	22	Sat.	15	3 ·61	6 ·14	1
25	Sun.	17	2 ·21	24 ·30	1	25	Wed.	17	2 ·07	2 ·73	1	23	Sun.	16	4 ·52	7 ·09	2
26	Mon.	18	3 ·15	25 ·27	2				3 97			24	Mon.	17	5 ·45	8 ·04	3
27	Tues.	19	4 ·09	26 ·23	3	26	Thur.	18	4 ·87	3 ·66	2	25	Tues.	18	6 ·40	9 ·01	4
28	Wed.	20	5 ·01	27 ·18	4	27	Fri.	19	5 ·77	4 ·59	3	26	Wed.	19	7 ·36	10 ·00	5
			6 ·92			28	Sat.	20	6 ·68	5 ·52	4	27	Thur.	20	8 ·35	11 ·02	6
29	Thur.	21	7 ·82	1 ·12	5	29	Sun.	21	7 ·59	6 ·46	5	28	Fri.	21	9 ·36	12 ·05	7
—30	Fri.	22	*Śukla.* 8 ·72	2 ·05	6	30	Mon.	22	*Śukla.* 8 ·51	7 ·42	6	29	Sat.	22	10 ·39	13 ·09	8
				3 ·98		—31	Tues.	23	9 ·44	8 ·38	7	30	Sun.	23	11 ·43	14 ·16	9
1	Sat.	23	9 ·62	4 ·92	7	1	Wed.	24	10 ·40	9 ·36	8	—31	Mon.	24	12 ·49	15 ·25	10
2	Sun.	24	10 ·52	5 ·85	8	2	Thur.	25	11 ·37	10 ·36	9	1	Tues.	25	13 ·56	16 ·35	11
3	Mon.	25	11 ·43	6 ·79	9	3	Fri.	26	12 ·34	11 ·37	10	2	Wed.	26	14 ·64	17 ·46	12
4	Tues.	26	12 ·35	7 ·75	10	4	Sat.	27	13 ·35	12 ·42	11	3	Thur.	27	**P** ·73	18 ·57	13
5	Wed.	27	13 ·30	8 ·72	11	5	Sun.	28	14 ·39	13 ·48	12	4	Fri.	28	1 ·81	19 ·67	14
6	Thur.	28	14 ·26	9 ·71	12	6	Mon.	29	**P** ·45	14 ·55	13	5	Sat.	29	2 ·87	20 ·75	15
7	Fri.	29	**P** ·22	10 ·72	13	7	Tues.	30	1 ·51	15 ·65	14	6	Sun.	30	3 ·91	21 ·84	16
8	Sat.	30	1 ·21	11 ·74	14	8	Wed.	31	2 ·60	16 ·75	15	7	Mon.	31	4 ·94	22 ·89	17
9	Sun.	31	2 ·21	12 ·79	15												
	Feb.						**April.**						**June.**				
10	Mon.	1	3 ·26	13 ·86	16	9	Thur.	1	3 ·68	17 ·85	16	8	Tues.	1	5 ·94	23 ·92	18
11	Tues.	2	4 ·31	14 ·95	17	10	Fri.	2	4 ·76	18 ·97	17	9	Wed.	2	6 ·92	24 ·93	19
12	Wed.	3	*Bahula.* 5 ·39	... ...	18	11	Sat.	3	*Bahula.* 5 ·83	... ...	18	10	Thur.	3	7 ·89	25 ·92	20
13	Thur.	4	6 ·47	15 ·05	19	12	Sun.	4	6 ·89	19 ·06	19	11	Fri.	4	8 ·84	26 ·90	21
14	Fri.	5	7 ·56	16 ·15	20	13	Mon.	5	7 ·94	20 ·15	20	12	Sat.	5	9 ·76	27 ·86	22
15	Sat.	6	8 ·64	17 ·26	21	14	Tues.	6	8 ·96	21 ·21	21	13	Sun.	6	10 ·68	1 ·81	23
16	Sun.	7	9 ·71	18 ·36	22	15	Wed.	7	9 ·97	22 ·25	22	14	Mon.	7	11 ·58	2 ·75	24
17	Mon.	8	10 ·78	19 ·46	23	16	Thur.	8	10 ·95	23 ·28	23	15	Tues.	8	12 ·48	3 ·68	25
18	Tues.	9	11 ·82	20 ·53	24	17	Fri.	9	11 ·90	24 ·28	24	16	Wed.	9	13 ·38	4 ·61	26
19	Wed.	10	12 ·85	21 ·58	25	18	Sat.	10	12 ·85	25 ·27	25	17	Thur.	10	14 ·28	5 ·55	27
20	Thur.	11	13 ·86	22 ·62	26	19	Sun.	11	13 ·77	26 ·23	26	18	Fri.	11	**A** ·18	6 ·48	28
21	Fri.	12	14 ·85	23 ·63	27	20	Mon.	12	14 ·69	27 ·19	27	19	Sat.	12	1 ·09	7 ·42	—29
22	Sat.	13	**A** ·81	24 ·62	28	21	Tues.	13	**A** ·60	1 ·14	28	20	Sun.	13	2 ·00	8 ·38	1
23	Sun.	14	1 ·75	25 ·61	—29	22	Wed.	14	1 ·50	2 ·07	—29				3 ·93		
24	Mon.	15	2 ·69	26 ·57	1					3 ·00		21	Mon.	14	4 ·87	9 ·34	2
25	Tues.	16	3 ·61	27 ·51	2	23	Thur.	15	2 ·40	4 ·93	1	22	Tues.	15	5 ·84	10 ·34	3
26	Wed.	17	4 ·52	1 ·45	3	24	Fri.	16	*Śukla.* 3 ·30	5 ·86	2	23	Wed.	16	6 ·83	11 ·34	4
27	Thur.	18	*Śukla.* 5 ·42	2 ·38	4	25	Sat.	17	4 ·20	6 ·81	3	24	Thur.	17	7 ·84	12 ·36	5
28	Fri.	19	6 ·32	3 ·32	5	26	Sun.	18	5 ·11	7 ·76	4	25	Fri.	18	8 ·86	13 ·40	6
—29	Sat.	20	7 ·22	4 ·25	6	27	Mon.	19	6 ·03	8 ·71	5	26	Sat.	19	9 ·91	14 ·47	7
1	Sun.	21	8 ·12	5 ·19	7				7 ·95			27	Sun.	20	10 ·97	15 ·56	8
2	Mon.	22	9 ·03	6 ·13	8	28	Tues.	20	8 ·91	9 ·69	6	28	Mon.	21	... ...	16 ·65	9
			10 ·95			29	Wed.	21	9 ·88	10 ·68	7	29	Tues.	22	11 ·04	17 ·76	10
3	Tues.	23	11 ·89	7 ·08	9	30	Thur.	22	10 ·86	11 ·69	8	30	Wed.	23	12 ·11	18 ·86	11
4	Wed.	24	12 ·85	8 ·06	10	—31	Fri.	23	11 ·87	12 ·73	9	31	Thur.	24	13 ·20	19 ·97	12
5	Thur.	25	13 ·82	9 ·04	11	1	Sat.	24	12 ·90	13 ·79	10	—32	Fri.	25	14 ·28	... ...	13
6	Fri.	26	14 ·80	10 ·04	12	2	Sun.	25	13 ·96	14 ·86	11	1	Sat. ○	26	**P** ·35	20 ·07	14
7	Sat.	27	**P** ·81	11 ·06	13	3	Mon.	26	... ...	15 ·95	12	2	Sun.	27	1 ·39	21 ·14	15
8	Sun.	28	1 ·85	12 ·10	14	4	Tues.	27	14 ·02	... ...	13	3	Mon.	28	2 ·43	22 ·20	16
						5	Wed.	28	**P** ·10	16 ·05	14	4	Tues.	29	3 ·42	23 ·24	17
						6	Thur.	29	1 ·18	17 ·16	15	5	Wed.	30	4 ·41	24 ·25	18
						7	Fri.	30	2 ·26	18 ·27	16						

Saumya. **Makara—Tai.** *Saumya.* **Kumbha—Māśi.** *Saumya.* **Mīna—Phālguni.** *Saumya.* **Mīna—Pāṅguni.** *Sādhāraṇa.* **Mēsha—Chittirai.** *Sādhāraṇa.* **Mithuna—Āni.** *Sādhāraṇa.* **Vrishabha—Vaigāśi.**

H. 462 *Rabī-ul awwal.* *H.* 462 *Rabī-ul ākhir.* *H.* 462 *Jamādā'l awwal.* *H.* 462 *Jamādā'l ākhir.* *H.* 462 *Rajab.* *H.* 462 *Śha'bān.* *H.* 462 *Ramazān.* *H.* 462 *Rajab.*

Nakṣh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1070. **Kollam 246,** {**N. Malabar—Aug.** **Hijra 463.** **Vikrama 1127.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **Oct. 9.** **Bengal San. 476.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
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		31						31						31			

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1071. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse.● **(Surya Sid.) March 24·11.** **Śaka 993.** **Kaliyuga 4172.**
Lunar Eclipse.○ **(Arya Sid.) March 24·07.** **(S. Cycle) Virodhakrit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sat. 1	12 ·12	... ...	26	8	Tues. 1	12 ·67	... ...	26	8	Sun. 1	14 ·67	2 ·78	28
10	Sun. 2	13 ·21	19 ·08	27	9	Wed. 2	13 ·72	23 ·06	27	9	Mon. 2	—**A** ·60	3 ·74	29
11	Mon. 3	14 ·30	20 ·18	28	10	Thur. 3	14 ·74	24 ·12	28	10	Tues. 3	1 ·51	4 ·68	—30
12	Tues. 4	—**A** ·39	21 ·28	29	11	Fri. 4	—**A** ·74	25 ·16	29	11	Wed. 4	2 ·41	5 ·63	1
13	Wed. 5	1 ·46	22 ·37	—30	12	Sat. 5	1 ·72	26 ·17	—30	12	Thur. 5	3 ·31	6 ·56	2
14	Thur. 6	2 ·52	23 ·43	1	13	Sun. 6	2 ·68	27 ·17	1	13	Fri. 6	4 ·21	7 ·49	3
15	Fri. 7	3 ·53	24 ·48	2	14	Mon. 7	3 ·62	1 ·16	2	14	Sat. 7	5 ·11	8 ·42	4
16	Sat. 8	4 ·53	25 ·52	3	15	Tues. 8	4 ·56	2 ·12	3	15	Sun. 8	6 ·01	9 ·35	5
17	Sun. 9	5 ·53	26 ·53	4	16	Wed. 9	5 ·47	3 ·07	4			7 ·92		
18	Mon. 10	6 ·49	27 ·52	5				4 ·01		16	Mon. 9	8 ·84	10 ·31	6
19	Tues. 11	7 ·43	1 ·49	6	17	Thur. 10	6 ·38	5 ·94	5	17	Tues. 10	9 ·78	11 ·26	7
20	Wed. 12	8 ·36	2 ·44	7	18	Fri. 11	7 ·28	6 ·88	6	18	Wed. 11	10 ·72	12 ·23	8
21	Thur. 13	9 ·29	3 ·40	8	19	Sat. 12	8 ·18	7 ·81	7	19	Thur. 12	11 ·69	13 ·22	9
22	Fri. 14	10 ·20	4 ·33	9			9 ·08			20	Fri. 13	12 ·67	14 ·23	10
23	Sat. 15	11 ·10	5 ·26	10	20	Sun. 13	10 ·98	8 ·74	8	21	Sat. 14	13 ·69	15 ·27	11
24	Sun. 16	12 ·00	6 ·19	11	21	Mon. 14	11 ·89	9 ·68	9	22	Sun. 15	14 ·72	16 ·31	12
		13 ·90			22	Tues. 15	12 ·81	10 ·63	10	23	Mon. 16	**P** ·75	17 ·38	13
25	Mon. 17	14 ·81	7 ·12	12	23	Wed. 16	13 ·74	11 ·59	11	24	Tues. 17	1 ·83	18 ·47	14
26	Tues. 18	**P** ·72	8 ·07	13	24	Thur. 17	14 ·70	12 ·58	12	25	Wed. 18	2 ·90	19 ·57	15
27	Wed. 19	1 ·65	9 ·01	14	25	Fri. 18	**P** ·67	13 ·58	13	26	Thur. 19	3 ·98	20 ·68	16
			10 ·97		26	Sat. 19	1 ·66	14 ·59	14	27	Fri. 20	... ...	21 ·79	17
28	Thur. 20	2 ·58	11 ·94	15	27	Sun. 20	2 ·67	15 ·63	15	28	Sat. 21	4 ·06	22 ·89	18
29	Fri. 21	3 ·54	12 ·92	16	28	Mon. 21	3 ·71	16 ·69	16	29	Sun. 22	5 ·15	23 ·98	19
—30	Sat. 22	4 ·52	13 ·94	17	29	Tues. 22	4 ·76	17 ·77	17	30	Mon. 23	6 ·21	... ...	20
1	Sun. 23	5 ·50	14 ·96	18	—30	Wed. 23	5 ·84	18 ·87	18	—31	Tues. 24	7 ·24	24 ·05	21
2	Mon. 24	6 ·52	... ...	19	1	Thur. 24	6 ·92	19 ·97	19	1	Wed. 25	8 ·27	25 ·11	22
3	Tues. 25	7 ·55	15 ·01	20	2	Fri. 25	... ...	... ...	20	2	Thur. 26	9 ·27	26 ·14	23
4	Wed. 26	8 ·61	16 ·08	21	3	Sat. 26	7 ·00	20 ·08	21	3	Fri. 27	10 ·25	27 ·15	24
5	Thur. 27	9 ·68	17 ·16	22	4	Sun. 27	8 ·08	21 ·18	22	4	Sat. 28	11 ·21	1 ·14	25
6	Fri. 28	10 ·76	18 ·26	23	5	Mon. 28	9 ·15	22 ·29	23	5	Sun. 29	12 ·16	2 ·11	26
7	Sat. 29	11 ·84	19 ·37	24	6	Tues. 29	10 ·22	23 ·37	24	6	Mon. 30	13 ·08	3 ·07	27
8	Sun. 30	12 ·93	20 ·48	25	7	Wed. 30	11 ·26	24 ·43	25	7	Tues. 31	14 ·00	4 ·03	28
9	Mon. 31	... ...	21 ·58	26	8	Thur. 31	12 ·28	25 ·47	26			**A** ·91	5 ·97	
	Feb.					**April.**					**June.**			
10	Tues. 1	13 ·01	22 ·67	27	9	Fri. 1	13 ·28	26 ·49	27	8	Wed. 1	1 ·81	6 ·90	—29
11	Wed. 2	14 ·08	23 ·74	28	10	Sat. 2	14 ·26	27 ·50	28	9	Thur. 2	2 ·71	7 ·83	1
12	Thur. 3	—**A** ·14	24 ·81	—29	11	Sun. 3	—**A** ·23	1 ·49	—29	10	Fri. 3	3 ·61	8 ·76	2
13	Fri. 4	1 ·15	25 ·84	1	12	Mon. 4	1 ·16	2 ·45	1	11	Sat. 4	4 ·51	9 ·70	3
14	Sat. 5	2 ·16	26 ·85	2	13	Tues. 5	2 ·09	3 ·40	2	12	Sun. 5	5 ·42	10 ·64	4
15	Sun. 6	3 ·14	27 ·84	3			3 ·00			13	Mon. 6	6 ·33	11 ·60	5
16	Mon. 7	4 ·10	1 ·82	4	14	Wed. 6	4 ·91	4 ·35	3	14	Tues. 7	7 ·26	12 ·56	6
		5 ·04			15	Thur. 7	5 ·81	5 ·29	4	15	Wed. 8	8 ·19	13 ·55	7
17	Tues. 8	6 ·97	2 ·79	5	16	Fri. 8	6 ·71	6 ·22	5	16	Thur. 9	9 ·17	14 ·56	8
18	Wed. 9	7 ·89	3 ·73	6	17	Sat. 9	7 ·61	7 ·15	6	17	Fri. 10	10 ·15	15 ·58	9
19	Thur. 10	8 ·81	4 ·67	7	18	Sun. 10	8 ·51	8 ·08	7	18	Sat. 11	11 ·17	16 ·62	10
20	Fri. 11	9 ·72	5 ·60	8				9 ·02		19	Sun. 12	12 ·20	17 ·69	11
21	Sat. 12	10 ·62	6 ·53	9	19	Mon. 11	9 ·42	10 ·97	8	20	Mon. 13	13 ·24	18 ·77	12
22	Sun. 13	11 ·52	7 ·47	10	20	Tues. 12	10 ·34	11 ·93	9	21	Tues. 14	14 ·30	19 ·86	13
23	Mon. 14	12 ·42	8 ·41	11	21	Wed. 13	11 ·28	12 ·91	10	22	Wed.○15	**P** ·37	20 ·98	14
24	Tues. 15	13 ·32	9 ·35	12	22	Thur. 14	12 ·22	13 ·90	11	23	Thur. 16	1 ·44	... ...	15
25	Wed. 16	14 ·25	10 ·30	13	23	Fri. 15	13 ·19	14 ·91	12	24	Fri. 17	2 ·55	21 ·09	16
26	Thur. 17	**P** ·18	11 ·27	14	24	Sat. 16	14 ·18	15 ·94	13	25	Sat. 18	3 ·62	22 ·19	17
27	Fri. 18	1 ·14	12 ·26	15	25	Sun. 17	**P** ·19	... ...	14	26	Sun. 19	4 ·68	23 ·28	18
28	Sat. 19	2 ·11	13 ·26	16	26	Mon. 18	1 ·23	16 ·01	15	27	Mon. 20	5 ·73	24 ·35	19
29	Sun. 20	3 ·10	14 ·28	17	27	Tues. 19	2 ·27	17 ·08	16	28	Tues. 21	6 ·74	25 ·42	20
—30	Mon. 21	4 ·11	15 ·32	18	28	Wed. 20	3 ·34	18 ·17	17	29	Wed. 22	7 ·75	26 ·46	21
1	Tues. 22	5 ·16	16 ·38	19	29	Thur. 21	4 ·42	19 ·27	18	30	Thur. 23	8 ·73	27 ·47	22
2	Wed. 23	6 ·21	17 ·46	20	30	Fri. 22	5 ·51	20 ·37	19	31	Fri. 24	9 ·69	1 ·47	23
3	Thur. 24	7 ·28	18 ·57	21	—31	Sat. 23	6 ·59	21 ·49	20	—32	Sat. 25	10 ·64	2 ·44	24
4	Fri. 25	8 ·37	19 ·67	22	1	Sun. 24	7 ·67	22 ·59	21	1	Sun. 26	11 ·56	3 ·42	25
5	Sat. 26	9 ·46	20 ·78	23	2	Mon. 25	8 ·73	23 ·67	22	2	Mon. 27	12 ·48	4 ·36	26
6	Sun. 27	10 ·54	21 ·88	24	3	Tues. 26	9 ·77	24 ·74	23	3	Tues. 28	13 ·39	5 ·30	27
7	Mon. 28	11 ·62	22 ·97	25	4	Wed. 27	10 ·79	25 ·79	24	4	Wed. 29	14 ·29	6 ·24	28
					5	Thur. 28	11 ·79	26 ·82	25	5	Thur. 30	—**A** ·19	7 ·17	—29
					6	Fri. 29	12 ·77	27 ·83	26					
					7	Sat. 30	13 ·73	1 ·81	27					

Sādhārana. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H. 463 Rabī-ul ākhir.*
Sādhārana. **Mīna—Pāngunī.** *Sukla.* **Chaitra.** *Bahula.* *H. 463 Jamādā'l ākhir.*
Virodhakrit. **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 463 Sha'bān.*
Sādhārana. **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.* *H. 468 Jamādā'l awwal.*
Virodhakrit. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 468 Rajab.*
Virodhakrit. **Mithuna—Ani.** *Sukla.* **Āshādha.** *Bahula.* *H. 463 Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1071. **Kollam 247,** { **N. Malabar—Aug.** **Hijra 464.** **Vikrama 1128.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 29.** **Bengal San. 477.**
P—Paurnimā. **(M. Cycle) Pramādin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Fri. 1	1 ·09 / 2 ·99	8 ·10	—30	5	Thur. 1	5 ·70	16 ·56	3	6	Tues. 1	6 ·21	22 ·69	4
			9 ·04		6	Fri. 2	6 ·72	17 ·62	4	7	Wed. 2	7 ·29	23 ·79	5
7	Sat. 2	3 ·89	10 ·98	1	7	Sat. 3	7 ·77	18 ·69	5	8	Thur. 3	8 ·37	24 ·89	6
8	Sun. 3	4 ·81	11 ·93	2	8	Sun. 4	8 ·83	19 ·77	6	9	Fri. 4	9 ·44	25 ·97	7
9	Mon. 4	5 ·74	12 ·89	3	9	Mon. 5	9 ·91	20 ·87	7	10	Sat. 5	10 ·51	... ...	8
10	Tues. 5	6 ·68	13 ·88	4	10	Tues. 6	10 ·99	21 ·98	8	11	Sun. 6	11 ·53	26 ·03	9
11	Wed. 6	7 ·65	14 ·88	5	11	Wed. 7	... ...	... ...	9	12	Mon. 7	12 ·53	27 ·07	10
12	Thur. 7	8 ·63	15 ·90	6	12	Thur. 8	11 ·08	22 ·09	10	13	Tues. 8	13 ·52	1 ·09	11
13	Fri. 8	9 ·65	16 ·93	7	13	Fri. 9	12 ·16	23 ·19	11	14	Wed. 9	14 ·49	2 ·09	12
14	Sat. 9	10 ·67	17 ·99	8	14	Sat. 10	13 ·23	24 ·28	12	15	Thur. 10	P ·44	3 ·07	13
15	Sun. 10	11 ·71	... ...	9	15	Sun. 11	14 ·27	25 ·35	13				4 ·04	
16	Mon. 11	12 ·78	18 ·07	10	16	Mon. 12	P ·30	26 ·40	14	16	Fri. 11	1 ·36	5 ·99	14
17	Tues. 12	13 ·86	19 ·17	11	17	Tues. 13	1 ·32	27 ·44	15	17	Sat. 12	2 ·28	6 ·93	15
18	Wed. 13	14 ·95	20 ·28	12	18	Wed. 14	2 ·31	1 ·45	16	18	Sun. 13	3 ·20	7 ·86	16
19	Thur. 14	.. ..	21 ·38	13	19	Thur. 15	3 ·28	2 ·44	17	19	Mon. 14	4 ·20	8 ·80	17
20	Fri. 15	P ·03	22 ·49	14	20	Fri. 16	4 ·22	3 ·41	18	20	Tues. 15	5 ·10	9 ·74	18
21	Sat. 16	1 ·10	23 ·58	15	21	Sat. 17	5 ·16	4 ·37	19			6 ·00		
22	Sun. 17	2 ·16	24 ·67	16	22	Sun. 18	6 ·07 / 7 ·98	5 ·31	20	21	Wed. 16	7 ·91	10 ·67	19
23	Mon. 18	3 ·21	25 ·73	17	23	Mon. 19	8 ·88	6 ·26	21	22	Thur. 17	8 ·82	11 ·61	20
24	Tues. 19	4 ·23	26 ·77	18	24	Tues. 20	9 ·78	7 ·19	22	23	Fri. 18	9 ·73	12 ·56	21
25	Wed. 20	5 ·24	27 ·79	19	25	Wed. 21	10 ·68	8 ·12	23	24	Sat. 19	10 ·66	13 ·52	22
26	Thur. 21	6 ·22	1 ·79	20	26	Thur. 22	11 ·53	9 ·05	24	25	Sun. 20	11 ·57	14 ·50	23
27	Fri. 22	7 ·19	2 ·78	21				10 ·98		26	Mon. 21	12 ·54	15 ·50	24
28	Sat. 23	8 ·14	3 ·75	22	27	Fri. 23	12 ·50	11 ·94	25	27	Tues. 22	13 ·51	16 ·51	25
		9 ·06			28	Sat. 24	13 ·42	12 ·89	26	28	Wed. 23	14 ·49	17 ·55	26
29	Sun. 24	10 ·98	4 ·70	23	29	Sun. 25	14 ·36	13 ·86	27	29	Thur. 24	—A ·55	18 ·60	27
30	Mon. 25	11 ·88	5 ·64	24	—30	Mon. 26	—A ·30	14 ·84	28	1	Fri. 25	1 ·61	19 ·68	28
—31	Tues. 26	12 ·78	6 ·57	25	1	Tues. 27	1 ·28	15 ·85	29	2	Sat. 26	2 ·68	20 ·78	—29
1	Wed. 27	13 ·68	7 ·51	26	2	Wed. 28	2 ·26	16 ·88	—30	3	Sun. 27	3 ·78	21 ·88	1
2	Thur. 28	14 ·58	8 ·44	27	3	Thur. 29	3 ·28	17 ·93	1	4	Mon. 28	4 ·87	22 ·99	2
3	Fri. 29	—A ·48	9 ·37	28	4	Fri. 30	4 ·30	18 ·99	2	5	Tues. 29	5 ·95	... ...	3
4	Sat. 30	1 ·39	10 ·31	—29						6	Wed. 30	... ...	23 ·09	4
5	Sun. 31	2 ·31	11 ·26	1										
	Aug.					**Oct.**					**Dec.**			
6	Mon. 1	3 ·25	12 ·22	2	5	Sat. 1	5 ·35	... ...	3	7	Thur. 1	6 ·03	24 ·19	5
7	Tues. 2	4 ·19	13 ·21	3	6	Sun. 2	6 ·43	19 ·07	4	8	Fri. 2	7 ·10	25 ·28	6
8	Wed. 3	5 ·15	14 ·20	4	7	Mon. 3	7 ·51	20 ·17	5	9	Sat. 3	8 ·15	26 ·35	7
9	Thur. 4	6 ·14	15 ·21	5	8	Tues. 4	8 ·59	21 ·29	6	10	Sun. 4	9 ·17	27 ·39	8
10	Fri. 5	7 ·16	16 ·25	6	9	Wed. 5	9 ·68	22 ·39	7	11	Mon. 5	10 ·19	1 ·41	9
11	Sat. 6	8 ·18	17 ·30	7	10	Thur. 6	10 ·76	23 ·49	8	12	Tues. 6	11 ·17	2 ·41	10
12	Sun. 7	9 ·23	18 ·38	8	11	Fri. 7	11 ·82	24 ·58	9	13	Wed. 7	12 ·14	3 ·41	11
13	Mon. 8	10 ·29	19 ·47	9	12	Sat. 8	12 ·87	25 ·66	10	14	Thur. 8	13 ·08	4 ·38	12
14	Tues. 9	11 ·37	20 ·57	10	13	Sun. 9	13 ·91	26 ·72	11			14 ·01		
15	Wed. 10	12 ·45	21 ·68	11	14	Mon. 10	14 ·91	27 ·76	12	15	Fri. ○ 9	P ·94	5 ·33	13
16	Thur. 11	13 ·53	22 ·79	12	15	Tues. 11	P ·90	1 ·77	13	16	Sat. 10	1 ·84	6 ·27	14
17	Fri. 12	14 ·61	23 ·89	13	16	Wed. 12	1 ·86	2 ·76	14	17	Sun. 11	2 ·74	7 ·21	15
18	Sat. 13	P ·68	24 ·98	14	17	Thur. 13	2 ·82	3 ·74	15	18	Mon. 12	3 ·65	8 ·15	16
19	Sun. 14	1 ·72	... ...	15	18	Fri. 14	3 ·76	4 ·70	16	19	Tues. 13	4 ·56	9 ·08	17
20	Mon. 15	2 ·74	25 ·04	16	19	Sat. 15	4 ·67	5 ·66	17				10 ·01	
21	Tues. 16	3 ·76	26 ·09	17	20	Sun. 16	5 ·58	6 ·60	18	20	Wed. 14	5 ·47	11 ·94	18
22	Wed. 17	4 ·74	27 ·11	18	21	Mon. 17	6 ·49	7 ·53	19	21	Thur. 15	6 ·38	12 ·89	19
23	Thur. 18	5 ·72	1 ·13	19	22	Tues. 18	7 ·39	8 ·46	20	22	Fri. 16	7 ·30	13 ·86	20
24	Fri. 19	6 ·66	2 ·11	20	23	Wed. 19	8 ·29	9 ·39	21	23	Sat. 17	8 ·24	14 ·83	21
25	Sat. 20	7 ·60	3 ·08	21	24	Thur. 20	9 ·20	10 ·33	22	24	Sun. 18	9 ·20	15 ·82	22
			4 ·03		25	Fri. 21	10 ·11	11 ·27	23	25	Mon. 19	10 ·17	16 ·83	23
26	Sun. 21	8 ·51	5 ·98	22			11 ·02			26	Tues. 20	11 ·16	17 ·86	24
27	Mon. 22	9 ·42	6 ·92	23	26	Sat. 22	12 ·96	12 ·22	24	27	Wed. 21	12 ·18	18 ·91	25
28	Tues. 23	10 ·32	7 ·85	24	27	Sun. 23	13 ·91	13 ·19	25	28	Thur. 22	13 ·21	19 ·99	26
29	Wed. 24	11 ·22	8 ·78	25	28	Mon. 24	14 ·89	14 ·17	26	29	Fri. 23	14 ·27	... ...	27
30	Thur. 25	12 ·12	9 ·71	26	29	Tues. 25	—A ·87	15 ·18	27	—30	Sat. 24	—A ·35	20 ·08	28
31	Fri. 26	13 ·02 / 14 ·93	10 ·65	27	—30	Wed. 26	1 ·90	16 ·20	28	1	Sun. 25	1 ·43	21 ·18	29
					1	Thur. 27	2 ·93	17 ·24	29	2	Mon. 26	2 ·52	22 ·29	—30
—32	Sat. 27	—A ·86	11 ·59	28	2	Fri. 28	3 ·98	18 ·30	—30	3	Tues. 27	3 ·61	23 ·39	1
1	Sun. 28	1 ·79	12 ·56	29	3	Sat. 29	... ...	19 ·38	1	4	Wed. 28	4 ·69	24 ·50	2
2	Mon. 29	2 ·72	13 ·53	—30	4	Sun. 30	4 ·04	20 ·48	2	5	Thur. 29	5 ·76	25 ·59	3
3	Tues. 30	3 ·69	14 ·52	1	5	Mon. 31	5 ·12	21 ·58	3	6	Fri. 30	6 ·79	26 ·65	4
4	Wed. 31	4 ·68	15 ·53	2						7	Sat. 31	7 ·81	27 ·70	5

Virodhakrit. **Karkataka—Ādi.** *Śrāvana.* *Bahula.* *H. 463 Shawwāl.*

Virodhakrit. **Kanyā—Purattāśi.** **Adhika Āśvina.** *Bahula.* *H. 463 Zi-l-hija.*

Virodhakrit. **Vriśchika—Kārttigai.** *Kārttika.* *Bahula.* *H. 464 Ṣafar.*

Virodhakrit. **Simha—Āvani.** *Bhādrapada.* *Bahula.* *H. 463 Zi-l-ka'da.*

Virodhakrit. **Tulā—Aippaśi.** **Nija Āśvina.** *Bahula.* *H. 464 Muharram.*

Virodhakrit. **Dhanus—Mārgaḷi.** **Mārgaśīrsha.** *Bahula.* *H. 464 Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17 Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1072. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·37.** **Śaka 994.** **Kaliyuga 4173.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·33.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sun. 1	8 ·83	1 ·73	6	9	Thur. 1	9 ·77	6 ·29	7	9	Tues. 1	11 ·28	13 ·52	9
9	Mon. 2	9 ·81	2 ·75	7	10	Fri. 2	10 ·67	7 ·23	8	10	Wed. 2	12 ·16	14 ·48	10
10	Tues. 3	10 ·78	3 ·74	8	11	Sat. 3	11 ·57	8 ·16	9	11	Thur. 3	13 ·09	15 ·45	11
11	Wed. 4	11 ·72	4 ·71	9	12	Sun. 4	12 ·47	9 ·09	10	12	Fri. 4	14 ·05	16 ·44	12
12	Thur. 5	12 ·65	5 ·66	10				10 ·02		13	Sat. 5	P ·01	17 ·45	13
13	Fri. 6	13 ·57	6 ·61	11	13	Mon. 5	13 ·37	11 ·96	11	14	Sun. 6	1 ·00	18 ·48	14
14	Sat. 7	14 ·48	7 ·55	12	14	Tues. 6	14 ·28	12 ·90	12	15	Mon. 7	2 ·01	19 ·53	15
15	Sun. 8	P ·38	8 ·48	13	15	Wed. 7	P ·19	13 ·85	13	16	Tues. 8	3 ·04	20 ·60	16
16	Mon. 9	1 ·28	9 ·41	14	16	Thur. 8	1 ·11	14 ·81	14	17	Wed. 9	4 ·10	21 ·69	17
17	Tues. 10	2 ·18	10 ·34	15	17	Fri. 9	2 ·05	15 ·79	15	18	Thur. 10	5 ·17	22 ·79	18
18	Wed. 11	3 ·09	11 ·28	16			3 ·01			19	Fri. 11	6 ·25	23 ·89	19
		4 ·00			18	Sat. 10	4 ·99	16 ·80	16	20	Sat. 12	7 ·33	... ...	20
19	Thur. 12	5 ·93	12 ·22	17	19	Sun. 11	5 ·97	17 ·81	17	21	Sun. 13	8 ·41	24 ·00	21
20	Fri. 13	6 ·87	13 ·19	18	20	Mon. 12	...	18 ·85	18	22	Mon. 14	9 ·48	25 ·11	22
21	Sat. 14	7 ·83	14 ·16	19	21	Tues. 13	6 ·00	19 ·91	19	23	Tues. 15	10 ·53	26 ·20	23
22	Sun. 15	8 ·80	15 ·14	20	22	Wed. 14	7 ·03	20 ·99	20	24	Wed. 16	11 ·57	27 ·27	24
23	Mon. 16	9 ·79	16 ·15	21	23	Thur. 15	8 ·07	... ..	21	25	Thur. 17	12 ·59	1 ·32	25
24	Tues. 17	10 ·81	17 ·17	22	24	Fri. 16	9 ·15	21 ·09	22	26	Fri. 18	13 ·60	2 ·35	26
25	Wed. 18	11 ·86	18 ·23	23	25	Sat. 17	10 ·23	22 ·19	23	27	Sat. 19	14 ·57	3 ·37	27
26	Thur. 19	12 ·91	19 ·30	24	26	Sun. 18	11 ·32	23 ·30	24	28	Sun. 20	A ·54	4 ·36	28
27	Fri. 20	13 ·98	20 ·38	25	27	Mon. 19	12 ·40	24 ·40	25	29	Mon. 21	1 ·48	5 ·33	29
28	Sat. 21	... ...	21 ·48	26	28	Tues. 20	13 ·48	25 ·50	26	30	Tues. 22	2 ·41	6 ·29	1
29	Sun. 22	14 ·06	22 ·58	27	29	Wed. 21	14 ·53	26 ·59	27	31	Wed. 23	3 ·32	7 ·24	2
1	Mon. 23	A ·15	23 ·70	28	30	Thur. 22	A ·58	27 ·65	28	32	Thur. 24	4 ·22	8 ·19	3
2	Tues. 24	1 ·24	24 ·80	29	1	Fri. 23	1 ·59	1 ·69	29	1	Fri. 25	5 ·12	9 ·12	4
3	Wed. 25	2 ·31	25 ·89	1	2	Sat. 24	2 ·59	2 ·71	1			6 ·02	10 05	
4	Thur. 26	3 ·38	26 ·96	2	3	Sun. 25	3 ·58	3 ·71	2	2	Sat. 26	7 ·92	11 ·98	5
5	Fri. 27	4 ·42	... ...	3	4	Mon. 26	4 ·54	4 ·70	3	3	Sun. 27	8 ·82	12 ·91	6
6	Sat. 28	5 ·45	27 ·02	4	5	Tues. 27	5 ·47	5 ·67	4	4	Mon. 28	9 ·72	13 ·86	7
7	Sun. 29	6 ·45	1 ·06	5	6	Wed. 28	6 ·29	6 ·62	5	5	Tues. 29	10 ·64	14 ·82	8
8	Mon. 30	7 ·43	2 ·07	6	7	Thur. 29	7 ·31	7 ·57	6	6	Wed. 30	11 ·57	15 ·78	9
9	Tues. 31	8 ·40	3 ·06	7	8	Fri. 30	8 ·22	8 ·50	7	7	Thur. 31	12 ·52	16 ·77	10
					9	Sat. 31	9 ·12	9 ·43	8					
	Feb.					**April.**					**June.**			
10	Wed. 1	9 ·33	4 ·04	8			10 ·02	10 ·37		8	Fri. 1	13 ·49	17 ·77	11
			5 ·00		10	Sun. 1	11 ·92		9	9	Sat. 2	14 ·48	18 ·79	12
11	Thur. 2	10 ·26	6 ·95	9	11	Mon. 2	12 ·82	11 ·30	10	10	Sun. 3	P ·49	19 ·84	13
12	Fri. 3	11 ·19	7 ·89	10	12	Tues. 3	13 ·72	12 ·24	11	11	Mon. 4	1 ·42	20 ·91	14
13	Sat. 4	12 ·10	8 ·82	11	13	Wed. 4	14 ·65	13 ·18	12	12	Tues. 5	2 ·57	21 ·99	15
		13 ·00			14	Thur. 5	P ·58	14 ·14	13	13	Wed. 6	3 ·64	... ...	16
14	Sun. 5	14 ·90	9 ·75	12	15	Fri. 6	1 ·54	15 ·13	14	14	Thur. 7	4 ·71	22 ·08	17
15	Mon. 6	P ·80	10 ·68	13	16	Sat. 7	2 ·51	16 ·12	15	15	Fri. 8	5 ·79	23 ·19	18
16	Tues. 7	1 ·70	11 ·62	14	17	Sun. 8	3 ·49	17 ·13	16	16	Sat. 9	6 ·87	24 ·31	19
17	Wed. 8	2 ·61	12 ·57	15	18	Mon. 9	4 ·51	18 ·16	17	17	Sun. 10	7 ·95	25 ·41	20
18	Thur. 9	3 ·53	13 ·52	16	19	Tues. 10	5 ·55	19 ·22	18	18	Mon. 11	... ...	26 ·50	21
19	Fri. 10	4 ·48	14 ·48	17	20	Wed. 11	6 ·61	20 ·30	19	19	Tues. 12	8 ·01	27 ·57	22
20	Sat. 11	5 ·44	15 ·47	18	21	Thur. 12	7 ·67	21 ·39	20	20	Wed. 13	9 ·05	1 ·63	23
21	Sun. 12	6 ·42	16 ·47	19	22	Fri. 13	8 ·75	22 ·49	21	21	Thur. 14	10 ·07	2 ·68	24
22	Mon. 13	7 ·40	17 ·50	20	23	Sat. 14	9 ·83	23 ·59	22	22	Fri. 15	11 ·07	3 ·69	25
23	Tues. 14	8 ·41	18 ·54	21	24	Sun. 15	10 ·91	24 ·70	23	23	Sat. 16	12 ·05	4 ·69	26
24	Wed. 15	9 ·46	19 ·60	22	25	Mon. 16	11 ·99	25 ·80	24			13 ·02		
25	Thur. 16	10 ·51	20 ·68	23	26	Tues. 17	... ...	26 ·89	25	24	Sun. 17	14 ·95	5 ·66	27
26	Fri. 17	11 ·59	21 ·78	24	27	Wed. 18	12 ·05	27 ·96	26	25	Mon. 18	A ·88	6 ·63	28
27	Sat. 18	12 ·67	22 ·89	25	28	Thur. 19	13 ·09	... ...	27	26	Tues. 19	1 ·79	7 ·58	29
28	Sun. 19	13 ·76	... ...	26	29	Fri. 20	14 ·10	1 ·01	28	27	Wed. 20	2 ·69	8 ·52	30
29	Mon. 20	14 ·84	23 ·00	27	30	Sat. 21	A ·11	2 ·03	29	28	Thur. 21	3 ·59	9 ·46	1
30	Tues. 21	A ·91	24 ·10	28	31	Sun. 22	1 ·09	3 ·04	30	29	Fri. 22	4 ·49	10 ·38	2
1	Wed. 22	1 ·98	25 ·19	29			2 ·05			30	Sat. 23	5 ·39	11 ·31	3
2	Thur. 23	... ...	26 ·27	30	1	Mon. 23	3 ·98	4 ·03	1	31	Sun. 24	6 ·29	12 ·25	4
3	Fri. 24	2 ·02	27 ·34	1				5 ·00		1	Mon. 25	7 ·20	13 ·20	5
4	Sat. 25	3 ·05	1 ·38	2	2	Tues. 24	4 ·90	6 ·96	2	2	Tues. 26	8 ·12	14 ·15	6
5	Sun. 26	4 ·04	2 ·39	3	3	Wed. 25	5 ·82	7 ·90	3	3	Wed. 27	9 ·05	15 ·11	7
		5 ·03			4	Thur. 26	6 ·73	8 ·84	4	4	Thur. 28	10 ·00	16 ·09	8
6	Mon. 27	6 ·98	3 ·39	4	5	Fri. 27	7 ·63	9 ·78	5			11 ·97		
7	Tues. 28	7 ·93	4 ·37	5	6	Sat. 28	8 ·53	10 ·71	6	5	Fri. 29	12 ·96	17 ·09	9
8	Wed. 29	8 ·85	5 ·33	6	7	Sun. 29	9 ·43	11 ·64	7	6	Sat. 30	13 ·96	18 ·12	10
					8	Mon. 30	10 ·38	12 ·57	8					

Virodhakṛit. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H. 464 Rabī-ul ākhir.*

Virodhakṛit. **Kumbha—Māṡi.** *Sukla.* **Māgha.** *Bahula.* *H. 464 Jamādā'l awwal.*

Virodhakṛit. **Mīna—Paṅguṇi.** *Sukla.* **Phālguna.** *Bahula.* *H. 464 Jamādā'l ākhir.*

Paridhāvin. **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H. 464 Rajab.*

Paridhāvin. **Vṛish.—Vaigāṡi.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 464 Sha'bān.*

Paridhāvin. **Vṛishabha—Vaigāṡi.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 464 Sha'bān.*

Paridhāvin. **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 464 Ramazān.*

Paridhāvin. **Kark.—Ādi.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 464 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1072. **Kollam 248,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 465.** **Vikrama 1129.**
A—Amāvāsyā. Commences **Bengal San. 478.**
P—Paurnimā. Commences **Sep. 17.** **(N. Cycle) Ānanda.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sun. 1	14 ·99	19 ·15	11	6	Sat. 1	**Bhādrapada.** 1 ·47	26 ·41	14	7	Thur. 1	3 ·78	5 ·31	16
8	Mon. 2	:: ...	20 ·21	12	7	Sun. 2	2 ·54	27 ·50	15	8	Fri. 2	4 ·72	6 ·29	17
9	Tues. 3	P ·04	21 ·29	13	8	Mon. 3	3 ·59	1 ·57	16	9	Sat. 3	5 ·66	7 ·25	18
10	Wed. 4	1 ·11	22 ·38	14	9	Tues. 4	4 ·61	2 ·62	17	10	Sun. 4	6 ·58	8 ·21	19
11	Thur. 5	2 ·18	23 ·50	15	10	Wed. 5	5 ·62	3 ·65	18	11	Mon. 5	7 ·49	9 ·15	20
12	Fri. 6	3 ·27	24 ·60	16	11	Thur. 6	6 ·60	4 ·66	19	12	Tues. 6	8 ·40	10 ·09	21
13	Sat. 7	4 ·36	25 ·71	17	12	Fri. 7	7 ·57	5 ·66	20	13	Wed. 7	9 ·30	11 ·02 / 12 ·95	22
14	Sun. 8	5 ·43	26 ·80	18	13	Sat. 8	8 ·52	6 ·63	21					
15	Mon. 9	6 ·48	27 ·88	19	14	Sun. 9	9 ·44	7 ·59	22	14	Thur. 8	10 ·20	13 ·89	23
16	Tues. 10	7 ·52	1 ·95	20	15	Mon. 10	10 ·36	8 ·53	23	15	Fri. 9	11 ·10	14 ·88	24
17	Wed. 11	8 ·56	2 ·99	21	16	Tues. 11	11 ·27	9 ·47	24					
18	Thur. 12	9 ·56	:: ...	22	17	Wed. 12	12 ·18	10 ·41	25	16	Sat. 10	12 ·01 / 13 ·94	15 ·78	25
19	Fri. 13	10 ·55	3 ·01	23	18	Thur. 13	13 ·08 / 14 ·98	11 ·34	26	17	Sun. 11	14 ·88	16 ·74	26
			4 ·01							18	Mon. 12	A ·83	17 ·71	27
20	Sat. 14	11 ·50	5 ·99	24	19	Fri. 14	A ·88	12 ·27	27	19	Tues. 13	1 ·80	18 ·71	28
21	Sun. 15	12 ·45	6 ·97	25	20	Sat. 15	1 ·79	13 ·20	28	20	Wed. 14	2 ·81	19 ·73	29
22	Mon. 16	13 ·38	7 ·92	26	21	Sun. 16	2 ·72	14 ·15	29	21	Thur. 15	3 ·82	20 ·77	1
23	Tues. 17	14 ·29	8 ·86	27	22	Mon. 17	3 ·65	15 ·11	1	22	Fri. 16	4 ·86	21 ·82	2
24	Wed. 18	A ·20	9 ·79	28	23	Tues. 18	4 ·60	16 ·08	2	23	Sat. 17	5 ·91	22 ·90	3
25	Thur. 19	1 ·10	10 ·72	29	24	Wed. 19	5 ·57	17 ·06	3	24	Sun. 18	6 ·99	23 ·99	4
26	Fri. 20	2 ·00 / 3 ·90	11 ·65	1	25	Thur. 20	6 ·55	18 ·07	4	25	Mon. 19	:: ..	... ...	5
27	Sat. 21	4 ·80	12 ·59	2	26	Fri. 21	7 ·57	19 ·09	5	26	Tues. 20	7 ·07	24 ·10	6
28	Sun. 22	5 ·70	13 ·53	3	27	Sat. 22	8 ·59	20 ·15	6	27	Wed. 21	8 ·16	25 ·21	7
29	Mon. 23	6 ·62	14 ·48	4	28	Sun. 23	9 ·65	21 ·21	7	28	Thur. 22	9 ·25	26 ·31	8
30	Tues. 24	7 ·56	15 ·44	5	29	Mon. 24	10 ·72	22 ·30	8	29	Fri. 23	10 ·33	27 ·41	9
31	Wed. 25	8 ·50	16 ·42	6	30	Tues. 25	11 ·81	23 ·39	9	30	Sat. 24	11 ·40	1 ·49	10
32	Thur. 26	9 ·48	17 ·42	7	1	Wed. 26	12 ·90	24 ·50	10	1	Sun. 25	12 ·44	2 ·57	11
1	Fri. 27	10 ·46	18 ·43	8	2	Thur. 27	13 ·98	25 ·60	11	2	Mon. 26	13 ·46	3 ·61	12
2	Sat. 28	11 ·47	19 ·47	9	3	Fri. 28	**Āśvina.** :: ...	26 ·70	12	3	Tues. 27	14 ·46	4 ·63	13
3	Sun. 29	12 ·49	20 ·52	10	4	Sat. 29	14 ·06	27 ·80	13	4	Wed. 28	P ·46	5 ·63	14
4	Mon. 30	13 ·54	21 ·59	11	5	Sun. 30	P ·12	1 ·88	14	5	Thur. 29	1 ·42	6 ·62	15
5	Tues. 31	14 ·61	22 ·69	12						6	Fri. 30	2 ·36	7 ·60	16
	Aug.					**Oct.**					**Dec.**			
6	Wed. 1	P ·69	23 ·80	13	6	Mon. 1	1 ·17	2 ·93	15	7	Sat. 1	3 ·30	8 ·55	17
7	Thur. 2	1 ·77	24 ·90	14	7	Tues. 2	2 ·19	3 ·97	16	8	Sun. 2	4 ·21	9 ·49	18
8	Fri. 3	2 ·85	... ...	15	8	Wed. 3	3 ·21	4 ·99	17	9	Mon. 3	5 ·12	10 ·43	19
9	Sat. 4	3 ·94	25 ·01	16	9	Thur. 4	4 ·19	5 ·98	18			6 ·03		
10	Sun. 5	... ...	26 ·10	17	10	Fri. 5	5 ·16	6 ·96	19	10	Tues. 4	7 ·94	11 ·35	20
11	Mon. 6	4 ·00	27 ·20	18	11	Sat. 6	6 ·11	7 ·92	20	11	Wed. 5	8 ·84	12 ·29	21
12	Tues. 7	5 ·03	1 ·26	19	12	Sun. 7	7 ·03 / 8 ·95	8 ·87	21	12	Thur. 6	9 ·74	13 ·23	22
13	Wed. 8	6 ·06	2 ·31	20						13	Fri. 7	10 ·66	14 ·16	23
14	Thur. 9	7 ·07	3 ·33	21	13	Mon. 8	9 ·86	9 ·82	22	14	Sat. 8	11 ·58	15 ·11	24
15	Fri. 10	8 ·06	4 ·34	22	14	Tues. 9	10 ·77	10 ·75	23	15	Sun. 9	12 ·52	16 ·07	25
16	Sat. 11	9 ·02 / 10 ·97	5 ·32	23	15	Wed. 10	11 ·67	11 ·68	24	16	Mon. 10	13 ·48	17 ·04	26
					16	Thur. 11	12 ·57	12 ·61	25	17	Tues. 11	14 ·46	18 ·04	27
17	Sun. 12	11 ·89	6 ·30	24	17	Fri. 12	13 ·47	13 ·54	26	18	Wed. 12	A ·45	19 ·05	28
18	Mon. 13	12 ·81	7 ·25	25	18	Sat. 13	14 ·39	14 ·49	27	19	Thur. 13	1 ·46	20 ·08	29
19	Tues. 14	13 ·72	8 ·20	26	19	Sun. 14	A ·32	15 ·44	28	20	Fri. 14	2 ·51	21 ·13	30
20	Wed. 15	14 ·62	9 ·13	27	20	Mon. 15	1 ·25	16 ·41	29	21	Sat. 15	3 ·56	22 ·20	1
21	Thur. 16	A ·52	10 ·06	28	21	Tues. 16	2 ·20	17 ·39	30	22	Sun. 16	4 ·64	23 ·30	2
			11 ·00		22	Wed. 17	3 ·17	18 ·39	1	23	Mon. 17	5 ·73	24 ·40	3
22	Fri. 17	1 ·42	12 ·93	29	23	Thur. 18	4 ·17	19 ·42	2	24	Tues. 18	6 ·81	25 ·51	4
23	Sat. 18	2 ·32	13 ·87	30	24	Fri. 19	5 ·18	20 ·46	3	25	Wed. 19	7 ·90	26 ·61	5
24	Sun. 19	3 ·23	14 ·81	1	25	Sat. 20	6 ·21	21 ·52	4	26	Thur. 20	8 ·97	27 ·71	6
25	Mon. 20	4 ·16	15 ·77	2	26	Sun. 21	7 ·26	22 ·60	5	27	Fri. 21	:: ...	1 ·81	7
26	Tues. 21	5 ·09	16 ·75	3	27	Mon. 22	8 ·34	23 ·69	6	28	Sat. 22	9 ·04	2 ·87	8
27	Wed. 22	6 ·02	17 ·74	4	28	Tues. 23	9 ·43	24 ·79	7	29	Sun. 23	10 ·08	3 ·92	9
		7 ·00			29	Wed. 24	10 ·52	25 ·91	8	1	Mon. 24	11 ·12	4 ·95	10
28	Thur. 23	8 ·98	18 ·75	5	30	Thur. 25	11 ·60	:: ...	9	2	Tues. 25	12 ·11	5 ·96	11
29	Fri. 24	... ...	19 ·78	6	1	Fri. 26	12 ·68	26 ·01	10	3	Wed. 26	13 ·10	6 ·96	12
30	Sat. 25	9 ·00	20 ·83	7	2	Sat. 27	13 ·75	27 ·11	11	4	Thur. 27	14 ·06	7 ·93	13
31	Sun. 26	10 ·02	21 ·91	8	3	Sun. 28	14 ·79	1 ·19	12			P ·01		
1	Mon. 27	11 ·08	22 ·99	9	4	Mon. 29	**Kārttika.** P ·81	2 ·24	13	5	Fri. 28	1 ·93	8 ·88	14
2	Tues. 28	12 ·14	... ...	10	5	Tues. 30	1 ·83	3 ·29	14	6	Sat. 29	2 ·84	9 ·83	15
3	Wed. 29	13 ·22	23 ·09	11	6	Wed. 31	2 ·81	4 ·31	15	7	Sun. 30	3 ·75	10 ·76	16
4	Thur. 30	14 ·31	24 ·20	12						8	Mon. 31	4 ·66	11 ·69	17
5	Fri. 31	P ·39	25 ·31	13										

Paridhāvin. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Śukla.* **Śrāvana.** *Bahula.* **Śimha—Avani.** *Śukla.* *Paridhāvin.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Śukla.* *Paridhāvin.* **Tulā—Aippaśi.** *Bahula.* *Śukla.* *Paridhāvin.* **Vṛśchika—Kārttigai.** *Bahula.* *Śukla.* *Paridhāvin.* **Dhanus—Mārgali.** *Bahula.* *Śukla.* *Paridhāvin.* **Makara—Tai.** *Bahula.* *Śukla.* **Pausha.**

H. 464 *Shawwāl.* *H.* 464 *Zī-l-ka'da.* *H.* 464 *Zī-l-ḥijja.* *H.* 465 *Muḥarram.* *H.* 465 *Ṣafar.* *H.* 465 *Rabī-ul awwal.* *H.* 465 *Rabī-ul ākhir.* *H.* 465 *Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1073. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Sūrya Sid.) March 23·63.** **Śaka 995.** **Kaliyuga 4174.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·59.** **(S. Cycle) Pramādin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Tues. 1	5 ·57	12 ·63	18	9	Fri. 1	**Phāl.** 5 ·42	16 ·07	18	8	Wed. 1	7 ·39	23 ·81	20
10	Wed. 2	6 ·47	13 ·56	19	10	Sat. 2	6 ·35	17 ·03	19	9	Thur. 2	*Bahula.* 8 ·44	24 ·91	21
11	Thur. 3	7 ·38	14 ·50	20	11	Sun. 3	7 ·32	18 ·01	20	10	Fri. 3	9 ·50	... ...	22
12	Fri. 4	8 ·29	15 ·44	21	12	Mon. 4	8 ·29	19 ·01	21	11	Sat. 4	10 ·59	25 ·01	23
13	Sat. 5	9 ·21	16 ·40	22	13	Tues. 5	9 ·29	20 ·03	22	12	Sun. 5	11 ·67	26 ·11	24
14	Sun. 6	10 ·16	17 ·38	23	14	Wed. 6	*Bahula.* 10 ·31	21 ·07	23	13	Mon. 6	12 ·74	27 ·22	25
15	Mon. 7	11 ·12	18 ·36	24	15	Thur. 7	11 ·34	22 ·13	24	14	Tues. 7	13 ·81	1 ·32	26
16	Tues. 8	12 ·10	19 ·37	25	16	Fri. 8	12 ·40	23 ·21	25	15	Wed. 8	14 ·88	2 ·42	27
17	Wed. 9	13 ·09	20 ·39	26	17	Sat. 9	13 ·47	24 ·30	26	16	Thur. ● 9	—**A** ·91	3 ·49	28
18	Thur. 10	14 ·11	21 ·44	27	18	Sun. 10	14 ·55	25 ·40	27	17	Fri. 10	1 ·93	4 ·54	—29
19	Fri. 11	—**A** ·15	22 ·52	28	19	Mon. 11	—**A** ·64	26 ·52	28	18	Sat. 11	2 ·92	5 ·57	1
20	Sat. 12	1 ·21	23 ·60	—29	20	Tues. 12	1 ·73	27 ·62	—29	19	Sun. 12	3 ·91	6 ·58	2
21	Sun. 13	2 ·28	24 ·70	1	21	Wed. 13	2 ·80	1 ·72	1	20	Mon. 13	4 ·86	7 ·58	3
22	Mon. 14	3 ·33	25 ·81	2	22	Thur. 14	3 ·87	2 ·80	2	21	Tues. 14	5 ·80	8 ·55	4
23	Tues. 15	4 ·45	26 ·92	3	23	Fri. 15	4 ·89	3 ·86	3	22	Wed. 15	6 ·73	9 ·51	5
24	Wed. 16	5 ·53	... ...	4	24	Sat. 16	*Sukla.* 5 ·90	4 ·91	4	23	Thur. 16	*Sukla.* 7 ·64	10 ·46	6
25	Thur. 17	6 ·61	27 ·02	5	25	Sun. 17	6 ·90	5 ·98	5	24	Fri. 17	8 ·54	11 ·39	7
26	Fri. 18	7 ·68	1 ·11	6	26	Mon. 18	7 ·88	6 ·93	6	25	Sat. 18	9 ·44	12 ·34	8
27	Sat. 19	*Sukla.* 8 ·73	2 ·18	7	27	Tues. 19	8 ·83	7 ·92	7	26	Sun. 19	10 ·34	13 ·27	9
28	Sun. 20	9 ·74	3 ·24	8	28	Wed. 20	9 ·77	8 ·88	8	27	Mon. 20	11 ·24	14 ·19	10
—29	Mon. 21	10 ·74	4 ·27	9	29	Thur. 21	10 ·71	9 ·84	9	28	Tues. 21	12 ·14	15 ·13	11
1	Tues. 22	11 ·73	5 ·28	10	30	Fri. 22	11 ·62	10 ·78	10	29	Wed. 22	13 ·05 / 14 ·96	16 ·07	12
2	Wed. 23	12 ·68	6 ·28	11	—31	Sat. 23	12 ·52	11 ·72	11	30	Thur. 23	**P** ·90	17 ·02	13
3	Thur. 24	13 ·62	7 ·26	12	1	Sun. 24	13 ·42	12 ·65	12				18 ·00 / 19 ·99	
4	Fri. 25	14 ·55	8 ·22	13	2	Mon. 25	14 ·32	13 ·58	13	—31	Fri. 24	1 ·85		14
5	Sat. 26	**P** ·47	9 ·16	14	3	Tues. 26	**P** ·22	14 ·52	14	1	Sat. 25	2 ·83	20 ·99	15
6	Sun. 27	1 ·38	10 ·10	15	4	Wed. 27	1 ·12	15 ·46	15	2	Sun. 26	3 ·81	... ...	16
7	Mon. 28	2 ·28	11 ·04 / 12 ·97	16	5	Thur. 28	**Chaitra.** 2 ·04 / 3 ·96	16 ·40	16	3	Mon. 27	4 ·83	21 ·01	17
8	Tues. 29	3 ·18	13 ·90	17	6	Fri. 29	4 ·89	17 ·36	17	4	Tues. 28	5 ·85	22 ·05	18
9	Wed. 30	4 ·08 / 5 ·99	14 ·84	18	7	Sat. 30	5 ·86	18 ·34	18	5	Wed. 29	6 ·90	23 ·13	19
10	Thur. 31	6 ·90	15 ·78	19	8	Sun. 31	6 ·83	19 ·34	19	6	Thur. 30	7 ·97	24 ·21	20
										7	Fri. 31	... ...	25 ·31	21
	Feb.					**April.**					**June.**			
11	Fri. 1	*Bahula.* 7 ·84	16 ·74	20	9	Mon. 1	*Bahula.* 7 ·83	20 ·35	20	8	Sat. 1	*Bahula.* 8 ·05	26 ·41	22
12	Sat. 2	8 ·78	17 ·70	21	10	Tues. 2	8 ·85	21 ·38	21	9	Sun. 2	9 ·13	27 ·52	23
13	Sun. 3	9 ·74	18 ·69	22	11	Wed. 3	9 ·89	22 ·44	22	10	Mon. 3	10 ·21	1 ·63	24
14	Mon. 4	10 ·71	19 ·69	23	12	Thur. 4	10 ·93	23 ·51	23	11	Tues. 4	11 ·29	2 ·72	25
15	Tues. 5	11 ·70	20 ·71	24	13	Fri. 5	... ..	24 ·60	24	12	Wed. 5	12 ·35	3 ·80	26
16	Wed. 6	12 ·73	21 ·76	25	14	Sat. 6	11 ·00	25 ·71	25	13	Thur. 6	13 ·39	4 ·85	27
17	Thur. 7	13 ·76	22 ·82	26	15	Sun. 7	12 ·09	26 ·81	26	14	Fri. 7	14 ·41	5 ·89	28
18	Fri. 8	14 ·82	23 ·90	27	16	Mon. 8	13 ·17	27 ·92	27	15	Sat. 8	—**A** ·40	6 ·91	29
19	Sat. 9	—**A** ·90	... ...	28	17	Tues. 9	14 ·25	... ...	28	16	Sun. 9	1 ·37	7 ·91	—30
20	Sun. 10	1 ·99	24 ·00	29	18	Wed. 10	—**A** ·31	1 ·02	29	17	Mon. 10	2 ·33	8 ·88	1
21	Mon. 11	... ...	25 ·10	—30	19	Thur. 11	1 ·38	2 ·10	—30	18	Tues. 11	3 ·28	9 ·84	2
22	Tues. 12	2 ·07	26 ·22	1	20	Fri. 12	2 ·42	3 ·18	1	19	Wed. 12	4 ·20	10 ·79	3
23	Wed. 13	3 ·15	27 ·32	2	21	Sat. 13	3 ·44	4 ·23	2	20	Thur. 13	5 ·11	11 ·73	4
24	Thur. 14	*Sukla.* 4 ·22	1 ·41	3	22	Sun. 14	4 ·43	5 ·25	3	21	Fri. 14	6 ·01 / 7 ·91	12 ·67	5
25	Fri. 15	5 ·28	2 ·49	4	23	Mon. 15	*Sukla.* 5 ·40	6 ·26	4	22	Sat. 15	8 ·81	13 ·60	6
26	Sat. 16	6 ·33	3 ·55	5	24	Tues. 16	6 ·36	7 ·24	5	23	Sun. 16	*Sukla* 9 ·71	14 ·53	7
27	Sun. 17	7 ·34	4 ·59	6	25	Wed. 17	7 ·29	8 ·22	6	24	Mon. 17	10 ·62	15 ·47	8
28	Mon. 18	8 ·34	5 ·61	7	26	Thur. 18	8 ·22	9 ·18	7	25	Tues. 18	11 ·53	16 ·41	9
29	Tues. 19	9 ·32	6 ·61	8	27	Fri. 19	9 ·14	10 ·12	8	26	Wed. 19	12 ·45	17 ·37	10
—30	Wed. 20	10 ·27	7 ·59	9	28	Sat. 20	10 ·04 / 11 ·94	11 ·06 / 12 ·99	9	27	Thur. 20	13 ·38	18 ·33	11
1	Thur. 21	11 ·21	8 ·55	10	29	Sun. 21	**Vaiśākha.** 12 ·84	13 ·93	10	28	Fri. 21	14 ·32	19 ·31	12
2	Fri. 22	**P** 12 ·15	9 ·50	11	30	Mon. 22	13 ·74	14 ·86	11	29	Sat. 22	**P** ·30	20 ·31	13
3	Sat. 23	13 ·06 / 14 ·97	10 ·45	12	—31	Tues. 23	14 ·64	15 ·79	12	30	Sun. 23	1 ·29	21 ·33	14
4	Sun. 24	**P** ·87	11 ·38	13	1	Wed. ○ 24	**P** ·55	16 ·74	13	31	Mon. 24	2 ·31	22 ·37	15
5	Mon. 25	1 ·77	12 ·31	14	2	Thur. 25	1 ·47	17 ·69	14	—32	Tues. 25	3 ·33	23 ·43	16
6	Tues. 26	2 ·68	13 ·24	15	3	Fri. 26	2 ·42	18 ·66	15	1	Wed. 26	4 ·38	24 ·51	17
7	Wed. 27	3 ·59	14 ·17	16	4	Sat. 27	3 ·37	19 ·66	16	2	Thur. 27	5 ·45	25 ·61	18
8	Thur. 28	4 ·50	15 ·12	17	5	Sun. 28	4 ·34	20 ·67	17	3	Fri. 28	6 ·52	26 ·71	19
					6	Mon. 29	5 ·33	21 ·70	18	4	Sat. 29	7 ·60	27 ·82	20
					7	Tues. 30	6 ·34	22 ·75	19	5	Sun. 30	*Bahula.* 8 ·68	1 ·93	21

Paridhāvin. **Makara—Tai.** — *Pramādin.* **Kumbha—Māśi.** — *Paridhāvin.* **Mīna—Pāṅguni.** — *Pramādin.* **Mēsha—Chittirai.** — *Paridhāvin.* **Mīna—Pāṅguni.** — *Pramādin.* **Vrishabha—Vaigāśi.** — *Pramādin.* **Mithuna—Ani.** — *Paridhāvin.* **Kaṭaka—Āḍi.**

H. 465 Rabī-ul ākhir. — *H. 465 Jamāda'l awwal.* — *H. 465 Jamāda'l ākhir.* — *H. 465 Rajab.* — *H. 465 Shabān.* — *H. 465 Ramazān.* — *H. 465 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26 U. Bhad. 27. Rev.

A.D. 1073. **Kollam 249,** { **N. Malabar—Aug.** **Hijra 466.** **Vikrama 1130.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 6.** **Bengal San. 479.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	9 ·77	... ...	22	6	Sun.	1	12 ·81	9 ·85	25	7	Fri.	1	14 ·47	15 ·17	27
7	Tues.	2	10 ·81	2 ·02	23	7	Mon.	2	13 ·74	10 ·81	26	8	Sat.	2	—A ·38	16 ·10	28
8	Wed.	3	11 ·87	3 ·10	24	8	Tues.	3	14 ·66	11 ·75	27					17 ·04 }	
9	Thur.	4	12 ·89	4 ·16	25	9	Wed.	4	—A ·57	12 ·69	28	9	Sun.	3	1 ·29	18 ·99 }	—29
10	Fri.	5	13 ·88	5 ·21	26	10	Thur.	5	1 ·47	13 ·62	—29	10	Mon.	4	2 ·22	19 ·96	1
11	Sat.	6	14 ·86	6 ·23	27	11	Fri.	6	2 ·37	14 ·56	1	11	Tues.	5	3 ·16	20 ·93	2
12	Sun.	7	—A ·81	7 ·23	28	12	Sat.	7	3 ·27	15 ·49	2	12	Wed.	6	4 ·11	21 ·93	3
13	Mon.	8	1 ·76	8 ·21	—29	13	Sun.	8	4 ·17	16 ·42	3	13	Thur.	7	5 ·09	22 ·94	4
14	Tues.	9	2 ·69	9 ·18	1	14	Mon.	9	5 ·08	17 ·37	4	14	Fri.	8	6 ·09	23 ·99	5
15	Wed.	10	3 ·61	10 ·13	2	15	Tues.	10	6 ·00	18 ·32	5	15	Sat.	9	7 ·11	... ...	6
16	Thur.	11	4 ·52	11 ·08	3				7 ·95			16	Sun.	10	8 ·14	24 ·05	7
				12 ·01 }		16	Wed.	11	8 ·90	19 ·30	6	17	Mon.	11	9 ·20	25 ·12	8
17	Fri.	12	5 ·42	13 ·94 }	4	17	Thur.	12	9 ·87	20 ·28	7	18	Tues.	12	10 ·27	26 ·21	9
18	Sat.	13	6 ·32	14 ·87	5	18	Fri.	13	10 ·87	21 ·29	8	19	Wed.	13	11 ·35	27 ·31	10
19	Sun.	14	7 ·22	15 ·80	6	19	Sat.	14	11 ·87	22 ·31	9	20	Thur.	14	12 ·44	1 ·43	11
20	Mon.	15	8 ·12	16 ·75	7	20	Sun.	15	12 ·91	23 ·36	10	21	Fri.	15	13 ·54	2 ·53	12
			9 ·03 }			21	Mon.	16	13 ·96	24 ·42	11	22	Sat.	16	14 ·61	3 ·63	13
21	Tues.	16	10 ·94 }	17 ·70	8	22	Tues.	17	... ...	25 ·52	12	23	Sun.	17	P ·67	4 ·71	14
22	Wed.	17	11 ·88	18 ·66	9	23	Wed.	18	14 ·03	26 ·61	13	24	Mon.	18	1 ·73	5 ·78	15
23	Thur.	18	12 ·82	19 ·64	10	24	Thur.	19	P ·11	27 ·72	14	25	Tues.	19	2 ·75	6 ·83	16
24	Fri.	19	13 ·79	20 ·63	11	25	Fri.	20	1 ·20	1 ·82	15	26	Wed.	20	3 ·75	7 ·85	17
25	Sat.	20	14 ·79	21 ·65	12	26	Sat.	21	2 ·28	2 ·93	16	27	Thur.	21	4 ·73	8 ·85	18
26	Sun.	21	P ·79	22 ·69	13	27	Sun.	22	3 ·36	... ...	17	28	Fri.	22	5 ·69	9 ·84	19
27	Mon.	22	1 ·82	23 ·74	14	28	Mon.	23	4 ·42	3 ·03	18	29	Sat.	23	6 ·64	10 ·81	20
28	Tues.	23	2 ·88	24 ·81	15	29	Tues.	24	5 ·46	4 ·10	19	—30	Sun.	24	7 ·56	11 ·76	21
29	Wed.	24	3 ·94	25 ·91	16	—30	Wed.	25	6 ·50	5 ·15	20	1	Mon.	25	8 ·49	12 ·71	22
30	Thur.	25	... ...	.. ...	17	1	Thur.	26	7 ·50	6 ·19	21	2	Tues.	26	9 ·40	13 ·64	23
—31	Fri.	26	4 ·02	26 ·02	18	2	Fri.	27	8 ·49	7 ·20	22	3	Wed.	27	10 ·30	14 ·57	24
1	Sat.	27	5 ·11	27 ·13	19	3	Sat.	28	9 ·44	8 ·20	23	4	Thur.	28	11 ·20	15 ·50	25
2	Sun.	28	6 ·20	1 ·23	20	4	Sun.	29	10 ·39	9 ·18	24	5	Fri.	29	12 ·10	16 ·43	26
3	Mon.	29	7 ·26	2 ·32	21	5	Mon.	30	11 ·32	10 ·14	25				13 ·01 }		
4	Tues.	30	8 ·31	3 ·41	22							6	Sat.	30	14 ·92 }	17 ·38	27
5	Wed.	31	9 ·36	4 ·47	23												
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	10 ·39	5 ·53	24	6	Tues.	1	12 ·23	11 ·09	26	7	Sun.	1	—A ·36	18 ·33	28
7	Fri.	2	11 ·39	6 ·55	25	7	Wed.	2	13 ·14	12 ·03 }	27	8	Mon.	2	1 ·80	19 ·29	29
8	Sat.	3	12 ·37	7 ·56	26					13 ·97 }		9	Tues.	3	2 ·76	20 ·26	—30
9	Sun.	4	13 ·32	8 ·54	27	8	Thur.	3	14 ·05 }	14 ·90	28	10	Wed.	4	3 ·74	21 ·25	1
10	Mon.	5	14 ·26	9 ·51	28				A ·95 }			11	Thur.	5	4 ·73	22 ·27	2
11	Tues.	6	—A ·20	10 ·47	29	9	Fri.	4	1 ·85	15 ·83	29	12	Fri.	6	5 ·75	23 ·30	3
12	Wed.	7	1 ·12	11 ·42	—30	10	Sat.	5	2 ·76	16 ·76	—30	13	Sat.	7	6 ·78	24 ·35	4
			2 ·02 }			11	Sun.	6	3 ·67	17 ·70	1	14	Sun.	8	7 ·85	25 ·42	5
13	Thur.	8	3 ·92 }	12 ·35	1	12	Mon.	7	4 ·59	18 ·65	2	15	Mon.	9	8 ·92	26 ·51	6
14	Fri.	9	4 ·82	13 ·28	2	13	Tues.	8	5 ·54	19 ·63	3	16	Tues.	10	... ...	27 ·62	7
15	Sat.	10	5 ·73	14 ·21	3	14	Wed.	9	6 ·49	20 ·61	4	17	Wed.	11	9 ·01	1 ·73	8
16	Sun.	11	6 ·64	15 ·15	4	15	Thur.	10	7 ·47	21 ·61	5	18	Thur.	12	10 ·10	2 ·83	9
17	Mon.	12	7 ·55	16 ·09	5	16	Fri.	11	8 ·46	22 ·63	6	19	Fri.	13	11 ·19	3 ·93	10
				17 ·03 }		17	Sat.	12	9 ·47	23 ·67	7	20	Sat.	14	12 ·26	... ...	11
18	Tues.	13	8 ·46	18 ·99 }	6	18	Sun.	13	10 ·50	24 ·74	8	21	Sun.	15	13 ·32	4 ·02	12
19	Wed.	14	9 ·39	19 ·96	7	19	Mon.	14	11 ·56	25 ·82	9	22	Mon.	16	14 ·37	5 ·10	13
20	Thur.	15	10 ·34	20 ·96	8	20	Tues.	15	12 ·64	26 ·91	10	23	Tues.	17	P ·39	6 ·14	14
21	Fri.	16	11 ·31	21 ·97	9	21	Wed.	16	13 ·72	... ...	11	24	Wed.	18	1 ·39	7 ·17	15
22	Sat.	17	12 ·31	... ...	10	22	Thur.	17	14 ·81	27 ·01	12	25	Thur.	19	2 ·37	8 ·18	16
23	Sun.	18	13 ·32	22 ·00	11	23	Fri.	○18	P ·89	1 ·12	13	26	Fri.	20	3 ·34	9 ·17	17
24	Mon.	19	14 ·35	23 ·05	12	24	Sat.	19	1 ·97	2 ·24	14	27	Sat.	21	4 ·28	10 ·14	18
25	Tues.	20	P ·40	24 ·12	13	25	Sun.	20	... ...	3 ·33	15	28	Sun.	22	5 ·21	11 ·10	19
26	Wed.	21	1 ·46	25 ·21	14	26	Mon.	21	2 ·03	4 ·41	16					12 ·05 }	
27	Thur.	22	2 ·54	26 ·31	15	27	Tues.	22	3 ·07	5 ·47	17	—29	Mon.	23	6 ·13	13 ·98 }	20
28	Fri.	23	3 ·62	27 ·42	16	28	Wed.	23	4 ·11	6 ·50	18				7 ·04 }		
29	Sat.	24	4 ·71	1 ·53	17	29	Thur.	24	5 ·11	7 ·53	19	1	Tues.	24	8 ·94 }	14 ·91	21
30	Sun.	25	5 ·78	2 ·63	18	—30	Fri.	25	6 ·10	8 ·53	20	2	Wed.	25	9 ·84	15 ·84	22
—31	Mon.	26	6 ·85	3 ·71	19	1	Sat.	26	7 ·06	9 ·51	21	3	Thur.	26	10 ·74	16 ·78	23
1	Tues.	27	7 ·89	4 ·79	20				8 ·01 }			4	Fri.	27	11 ·64	17 ·72	24
2	Wed.	28	8 ·92	5 ·84	21	2	Sun.	27	9 ·94 }	10 ·47	22	5	Sat.	28	12 ·57	18 ·66	25
3	Thur.	29	9 ·92	6 ·87	22	3	Mon.	28	10 ·86	11 ·42	23	6	Sun.	29	13 ·50	19 ·62	26
4	Fri.	30	10 ·90	7 ·88	23	4	Tues.	29	11 ·77	12 ·37	24	7	Mon.	30	14 ·44	20 ·59	27
5	Sat.	31	11 ·87	8 ·87	24	5	Wed.	30	12 ·67	13 ·31	25	8	Tues.	31	—A ·41	21 ·58	28
						6	Thur.	31	13 ·57	14 ·25	26						

Pramādin. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* *H.* 465 *Zi-l-ka'da.*

Pramādin. **Simha—Avani.** *Sukla.* **Bhādrapada.** *Bahula.* *H.* 465 *Zi-l-hijja.*

Pramādin. **Kanyā—Purattāsi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 466 *Muharram.*

Pramādin. **Tulā—Aippasi.** *Sukla.* **Kārttika.** *Bahula.* *H.* 466 *Śafar.*

Pramādin. **Vriśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 466 *Rabi-ul awwal.*

Pramādin. **Dhanus—Margali.** *Sukla.* **Pausha.** *Bahula.* *H.* 466 *Rabi-ul ākhir.*

Pramādin. **Makara—Tai.** *Bahula.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1074. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·89. **Śaka 996.** **Kaliyuga 4175.**
Lunar Eclipse. ○ (Arya Sid.) March 23·85. **(S. Cycle) Ānanda.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	1 ·38	22 ·59	—29	8	Sat. 1	1 ·70	26 ·43	—29	8	Thur. 1	2 ·15	5 ·63	2
10	Thur. 2	2 ·38	23 ·61	1	9	Sun. 2	2 ·79	27 ·52	1	9	Fri. 2	3 ·21	6 ·71	3
11	Fri. 3	3 ·39	24 ·66	2	10	Mon. 3	3 ·88	1 ·62	2	10	Sat. 3	4 ·23	7 ·76	4
12	Sat. 4	4 ·45	25 ·73	3	11	Tues. 4	4 ·96	2 ·73	3	11	Sun. 4	5 ·25	8 ·79	5
13	Sun. 5	*Śukla.* 5 ·51	26 ·82	4	12	Wed. 5	... ...	3 ·84	4	12	Mon. 5	6 ·25	9 ·80	6
14	Mon. 6	6 ·57	27 ·92	5	13	Thur. 6	*Śukla.* 5 ·04	4 ·94	5	13	Tues. 6	7 ·22	10 ·79	7
15	Tues. 7	7 ·66	... ...	6	14	Fri. 7	6 ·11	... ...	6	14	Wed. 7	8 ·18	11 ·76	8
16	Wed. 8	8 ·75	1 ·03	7	15	Sat. 8	7 ·17	5 ·02	7	15	Thur. 8	9 ·12	12 ·73	9
17	Thur. 9	9 ·84	2 ·13	8	16	Sun. 9	8 ·20	6 ·08	8	16	Fri. 9	{ 10 ·04	13 ·68	10
18	Fri. 10	10 ·91	3 ·24	9	17	Mon. 10	9 ·22	7 ·12	9			11 ·94		
19	Sat. 11	11 ·97	4 ·32	10	18	Tues. 11	10 ·21	8 ·15	10	17	Sat. 10	12 ·84	14 ·61	11
20	Sun. 12	.. ..	5 ·40	11	19	Wed. 12	11 ·20	9 ·15	11	18	Sun. 11	13 ·74	15 ·55	12
21	Mon. 13	12 ·02	6 ·46	12	20	Thur. 13	12 ·15	10 ·14	12	19	Mon. 12	14 ·64	16 ·47	13
22	Tues. 14	13 ·03	7 ·49	13	21	Fri. 14	13 ·09	11 ·10	13	20	Tues. 13	P ·54	17 ·41	14
23	Wed. 15	14 ·03	8 ·50	14	22	Sat. 15	{ 14 ·00	12 ·05	14	21	Wed. 14	1 ·45	18 ·35	15
24	Thur. 16	{ P ·01	9 ·49	15			P ·91			22	Thur. 15	2 ·36	19 ·29	16
		1 ·97						13 ·00		23	Fri. 16	3 ·28	20 ·24	17
25	Fri. 17	2 ·91	10 ·48	16	23	Sun. 16	1 ·82	14 ·94	15	24	Sat. 17	4 ·21	21 ·21	18
26	Sat. 18	3 ·83	11 ·44	17	24	Mon. 17	2 ·72	15 ·87	16	25	Sun. 18	5 ·18	22 ·21	19
27	Sun. 19	4 ·75	12 ·38	18	25	Tues. 18	3 ·62	16 ·80	17	26	Mon. 19	6 ·15	23 ·21	20
28	Mon. 20	5 ·66	13 ·32	19	26	Wed. 19	4 ·52	17 ·73	18	27	Tues. 20	7 ·14	24 ·23	21
29	Tues. 21	6 ·57	14 ·25	20	27	Thur. 20	5 ·43	18 ·67	19	28	Wed. 21	8 ·15	25 ·27	22
—30	Wed. 22	7 ·47	15 ·19	21	28	Fri. 21	6 ·34	19 ·62	20	29	Thur. 22	9 ·18	26 ·34	23
1	Thur. 23	8 ·37	16 ·12	22	29	Sat. 22	7 ·27	20 ·58	21	30	Fri. 23	10 ·24	27 ·43	24
2	Fri. 24	9 ·27	17 ·05	23	—30	Sun. 23	8 ·21	21 ·56	22	—31	Sat. 24	11 ·30	1 ·53	25
3	Sat. 25	10 ·19	{ 18 ·00	24	1	Mon. 24	9 ·17	22 ·55	23	1	Sun. 25	12 ·39	2 ·63	26
			19 ·95		2	Tues. 25	10 ·15	23 ·56	24	2	Mon. 26	13 ·47	3 ·74	27
4	Sun. 26	11 ·11	20 ·92	25	3	Wed. 26	11 ·13	24 ·60	25	3	Tues. 27	14 ·55	4 ·84	28
5	Mon. 27	12 ·06	21 ·91	26	4	Thur. 27	12 ·16	25 ·66	26	4	Wed. 28	—A ·62	5 ·94	29
6	Tues. 28	13 ·03	22 ·91	27	5	Fri. 28	13 ·19	26 ·73	27	5	Thur. 29	1 ·69	... ...	—30
7	Wed. 29	14 ·00	23 ·93	28	6	Sat. 29	14 ·26	27 ·82	28	6	Fri. 30	2 ·72	6 ·02	1
8	Thur. 30	—A ·00	24 ·97	29	7	Sun. 30	—A ·33	1 ·92	29	7	Sat. 31	3 ·73	7 ·07	2
9	Fri. 31	1 ·02	... ...	—30	8	Mon. 31	1 ·41	... ...	—30					
	Feb.					**April.**					**June.**			
10	Sat. 1	2 ·05	25 ·04	1	9	Tues. 1	2 ·50	2 ·04	1	8	Sun. 1	4 ·73	8 ·11	3
11	Sun. 2	3 ·12	26 ·12	2	10	Wed. 2	3 ·58	3 ·14	2	9	Mon. 2	5 ·70	9 ·12	4
12	Mon. 3	4 ·20	27 ·22	3	11	Thur. 3	4 ·65	4 ·24	3	10	Tues. 3	6 ·66	10 ·12	5
13	Tues. 4	*Śukla.* 5 ·29	1 ·32	4	12	Fri. 4	5 ·70	5 ·32	4	11	Wed. 4	7 ·60	11 ·10	6
14	Wed. 5	6 ·37	2 ·43	5	13	Sat. 5	*Śukla.* 6 ·74	6 ·39	5	12	Thur. 5	8 ·53	12 ·06	7
15	Thur. 6	7 ·45	3 ·53	6	14	Sun. 6	7 ·75	7 ·45	6	13	Fri. 6	9 ·43	{ 13 ·01	8
16	Fri. 7	8 ·52	4 ·63	7	15	Mon. 7	8 ·74	8 ·47	7				14 ·95	
17	Sat. 8	9 ·57	5 ·71	8	16	Tues. 8	9 ·73	9 ·48	8	14	Sat. 7	10 ·33	15 ·88	9
18	Sun. 9	10 ·62	6 ·77	9	17	Wed. 9	10 ·67	10 ·46	9	15	Sun. 8	11 ·23	16 ·82	10
19	Mon. 10	11 ·64	7 ·81	10	18	Thur. 10	11 ·61	11 ·43	10	16	Mon. 9	12 ·13	17 ·75	11
20	Tues. 11	12 ·64	8 ·82	11	19	Fri. 11	12 ·53	12 ·40	11	17	Tues. 10	{ 13 ·03	18 ·69	12
21	Wed. 12	13 ·63	9 ·83	12	20	Sat. 12	13 ·44	13 ·34	12			14 ·93		
22	Thur. 13	14 ·57	10 ·81	13	21	Sun. 13	14 ·34	14 ·28	13	18	Wed. 11	P ·84	19 ·63	13
23	Fri. 14	P ·51	11 ·77	14	22	Mon.○14	P ·24	15 ·21	14	19	Thur. 12	1 ·76	20 ·58	14
24	Sat. 15	1 ·44	12 ·72	15	23	Tues. 15	1 14	16 ·14	15	20	Fri. 13	2 ·70	21 ·55	15
25	Sun. 16	2 ·35	13 ·66	16	24	Wed. 16	{ 2 ·04	17 ·07	16	21	Sat. 14	3 ·65	22 ·53	16
26	Mon. 17	3 ·26	14 ·60	17			3 ·95			22	Sun. 15	4 ·62	23 ·53	17
27	Tues. 18	4 ·16	15 ·53	18	25	Thur. 17	4 ·86	18 ·01	17	23	Mon. 16	5 ·62	24 ·55	18
28	Wed. 19	{ 5 ·06	16 46	19				19 ·96		24	Tues. 17	6 ·63	25 ·59	19
		6 ·96			26	Fri. 18	5 ·79	20 ·91	18	25	Wed. 18	7 ·67	26 ·65	20
29	Thur. 20	7 ·86	17 ·39	20	27	Sat. 19	6 ·72	21 ·88	19	26	Thur. 19	8 ·72	27 ·73	21
—30	Fri. 21	8 ·78	18 ·33	21	28	Sun. 20	7 ·69	22 ·87	20	27	Fri. 20	9 ·79	1 ·83	22
1	Sat. 22	9 ·71	19 ·29	22	29	Mon. 21	8 ·66	23 ·89	21	28	Sat. 21	10 ·87	2 ·93	23
2	Sun. 23	10 ·66	20 ·25	23	30	Tues. 22	9 ·65	24 ·92	22	29	Sun. 22	11 ·95	... ...	24
3	Mon. 24	11 ·62	21 ·23	24	—31	Wed. 23	10 ·66	25 ·97	23	30	Mon. 23	... ...	3 ·04	25
4	Tues. 25	12 ·60	22 ·23	25	1	Thur. 24	11 ·70	... ...	24	31	Tues. 24	12 ·02	4 ·14	26
5	Wed. 26	13 59	23 ·24	26	2	Fri. 25	12 ·76	26 ·03	25	—32	Wed. 25	13 ·09	5 ·24	27
6	Thur. 27	14 ·61	24 ·28	27	3	Sat. 26	13 ·83	27 ·12	26	1	Thur. 26	14 ·16	6 ·32	28
7	Fri. 28	—A 65	25 ·35	28	4	Sun. 27	14 ·91	1 ·23	27	2	Fri. 27	—A ·19	7 ·38	—29
					5	Mon.●28	—A ·99	2 ·33	28	3	Sat. 28	1 ·22	8 ·42	1
					6	Tues. 29	... ...	3 ·44	—29	4	Sun. 29	2 ·20	9 ·44	2
					7	Wed. 30	1 ·07	4 ·54	1	5	Mon. 30	3 ·18	10 ·45	3

Pramādin. **Makara—Tai.** *Śukla.* **Māgha.** *Śukla.* *H. 466 Jamādā'l awwal.*

Pramādin. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Śukla.* *H. 466 Jamādā'l ākhir.*

Pramādin. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Śukla.* *H. 466 Rajab.*

Ānanda. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Śukla.* *H. 466 Sha'bān.*

Ānanda. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Śukla.* *H. 466 Ramażān.*

Ānanda. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Śukla.* *H. 466 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1074. **Kollam 250,** { **N. Malabar—Aug.** **Hijra 467.** **Vikrama 1131.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 27.** **Bengal San. 480.**
P—Paurnimā. **(N. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	4 ·14	11 ·43	4	6	Mon.	1	*Śukla.* 8 ·47	19 ·64	6	6	Sat.	1	10 ·38	25 ·16	8
7	Wed.	2	5 ·08	12 ·40	5	7	Tues.	2	9 ·38	20 ·59	7	7	Sun.	2	11 ·39	26 ·20	9
8	Thur.	3	6 ·01	13 ·35	6	8	Wed.	3	10 ·31	21 ·54	8	8	Mon.	3	12 ·43	27 ·27	10
9	Fri.	4	7 ·92	14 ·29	7	9	Thur.	4	11 ·24	22 ·51	9	9	Tues.	4	13 ·49	1 ·34	11
10	Sat.	5	8 ·82	15 ·23	8	10	Fri.	5	12 ·19	23 ·49	10	10	Wed.	5	14 ·56	2 ·43	12
11	Sun.	6	9 ·72	16 ·16	9	11	Sat.	6	13 ·17	24 ·51	11	11	Thur.	6	P ·65	3 ·53	13
12	Mon.	7	10 ·62	17 ·09	10	12	Sun.	7	14 ·16	25 ·53	12	12	Fri.	7	1 ·74	4 ·64	14
13	Tues.	8	11 ·52	17 ·09	10	13	Mon.	8	P ·17	26 ·58	13	13	Sat.	8	2 ·83	5 ·76	15
				18 ·02		14	Tues.	9	1 ·21	27 ·64	14	14	Sun.	9	3 ·90	6 ·85	16
			12 ·42	19 ·96	11	15	Wed.	10	2 ·27	1 ·73	15	15	Mon.	10	4 ·97	7 ·93	17
14	Wed.	9	13 ·33	20 ·92	12	16	Thur.	11	3 ·34	2 ·83	16	16	Tues.	11	.. ..	... ...	18
15	Thur.	10	14 ·25	21 ·88	13	17	Fri.	12	4 ·43	3 ·94	17	17	Wed.	12	5 ·02	8 ·00	19
16	Fri.	11	P ·18	22 ·86	14	18	Sat.	13	5 ·51	... ...	18	18	Thur.	13	6 ·04	9 ·04	20
17	Sat.	12	1 ·14	23 ·85	15	19	Sun.	14	6 ·59	4 ·05	19	19	Fri.	14	7 ·03	10 ·06	21
18	Sun.	13	2 ·12	24 ·86	16	20	Mon.	15	*Bahula.* 7 ·67	5 ·15	20	20	Sat.	15	8 ·01	11 ·07	22
19	Mon.	14	3 ·10	25 ·91	17	21	Tues.	16	8 ·73	6 ·24	21				9 ·98		
20	Tues.	15	4 ·10	26 ·96	18	22	Wed.	17	9 ·77	7 ·32	22	21	Sun.	16	10 ·92	12 ·06	23
21	Wed.	16	5 ·15	... ...	19	23	Thur.	18	10 ·80	8 ·37	23					13 ·02	
22	Thur.	17	6 ·20	27 ·04	20	24	Fri.	19	11 ·80	9 ·41	24	22	Mon.	17	11 ·85	14 ·98	24
23	Fri.	18	7 ·28	1 ·13	21	25	Sat.	20	12 ·78	10 ·42	25	23	Tues.	18	12 ·77	15 ·92	25
24	Sat.	19	8 ·36	2 ·23	22	26	Sun.	21	13 ·73	11 ·41	26	24	Wed.	19	13 ·68	16 ·86	26
25	Sun.	20	9 ·44	3 ·33	23	27	Mon.	22	14 ·68	12 ·40	27	25	Thur.	20	14 ·58	17 ·79	27
26	Mon.	21	10 ·51	4 ·45	24	28	Tues.	23	—A ·61	13 ·36	28	26	Fri.	21	—A ·48	18 ·72	28
27	Tues.	22	11 ·58	5 ·55	25	29	Wed.	24	1 ·54	14 ·31	29	27	Sat.	22	1 ·39	19 ·65	29
28	Wed.	23	12 ·64	6 ·63	26	30	Thur.	25	2 ·44	15 ·25	—30	28	Sun.	23	2 ·30	20 ·59	—30
29	Thur.	24	13 ·67	7 ·69	27	—31	Fri.	26	3 ·34	16 ·18	1	—29	Mon.	24	3 ·22	21 ·55	1
30	Fri.	25	14 ·71	8 ·74	28	1	Sat.	27	4 ·24	17 ·11	2	1	Tues.	25	4 ·14	22 ·51	2
—31	Sat.	26	—A ·70	9 ·77	29	2	Sun.	28	5 ·14	18 ·05	3	2	Wed.	26	5 ·08	23 ·48	3
1	Sun.	27	1 ·69	10 ·78	—30					19 ·98		3	Thur.	27	6 ·04	24 ·47	4
2	Mon.	28	2 ·64	11 ·76	1	3	Mon.	29	6 ·05	20 ·92	4	4	Fri.	28	7 ·02	25 ·48	5
3	Tues.	29	3 ·59	12 ·73	2				7 ·96			5	Sat.	29	8 ·02	26 ·52	6
4	Wed.	30	4 ·51	13 ·68	3	4	Tues.	30	8 ·89	21 ·87	5	6	Sun.	30	9 ·03	27 ·57	7
5	Thur.	31	5 ·42	14 ·64	4												
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	6 ·33	15 ·57	5	5	Wed.	1	*Śukla.* 9 ·82	22 ·84	6	7	Mon.	1	10 ·09	1 ·64	8
7	Sat.	2	7 ·23	16 ·50	6	6	Thur.	2	10 ·79	23 ·83	7	8	Tues.	2	11 ·14	2 ·73	9
8	Sun.	3	8 ·13	17 ·43	7	7	Fri.	3	11 ·76	24 ·83	8	9	Wed.	3	12 ·22	3 ·83	10
9	Mon.	4	9 ·03	18 ·36	8	8	Sat.	4	12 ·76	25 ·85	9	10	Thur.	4	13 ·30	4 ·94	11
			10 ·93			9	Sun.	5	13 ·76	26 ·89	10	11	Fri.	5	14 ·39	... ...	12
10	Tues.	5	11 ·84	19 ·31	9	10	Mon.	6	14 ·80	27 ·95	11	12	Sat.	6	P ·47	5 ·05	13
11	Wed.	6	12 ·76	20 ·25	10	11	Tues.	○7	P ·86	... ...	12	13	Sun.	7	1 ·55	6 ·15	14
12	Thur.	7	13 ·70	21 ·21	11	12	Wed.	8	1 ·94	1 ·04	13	14	Mon.	8	2 ·61	7 ·24	15
13	Fri.	8	14 ·65	22 ·18	12	13	Thur.	9	*Āśvina.*	2 ·13	14	15	Tues.	9	3 ·66	8 ·31	16
14	Sat.	9	P ·63	23 ·17	13	14	Fri.	10	2 ·03	3 ·24	15	16	Wed.	10	4 ·68	9 ·35	17
15	Sun.	10	1 ·62	24 ·18	14	15	Sat.	11	3 ·12	4 ·34	16	17	Thur.	11	5 ·67	10 ·39	18
16	Mon.	11	2 ·62	25 ·22	15	16	Sun.	12	4 ·20	5 ·45	17	18	Fri.	12	6 ·67	11 ·40	19
17	Tues.	12	3 ·66	26 ·27	16	17	Mon.	13	5 ·27	6 ·55	18	19	Sat.	13	7 ·62	12 ·39	20
18	Wed.	13	4 ·71	27 ·34	17	18	Tues.	14	6 ·32	7 ·63	19	20	Sun.	14	8 ·56	13 ·36	21
19	Thur.	14	5 ·78	1 ·43	18	19	Wed.	15	*Bahula.* 7 ·37	8 ·69	20	21	Mon.	15	9 ·50	14 ·31	22
20	Fri.	15	6 ·85	2 ·53	19	20	Thur.	16	8 ·40	9 ·72	21	22	Tues.	16	10 ·41	15 ·27	23
21	Sat.	16	7 ·94	3 ·64	20	21	Fri.	17	9 ·40	10 ·74	22	23	Wed.	17	11 ·32	16 ·20	24
22	Sun.	17	... ...	4 ·75	21	22	Sat.	18	10 ·38	11 ·74	23	24	Thur.	18	12 ·22	17 ·13	25
23	Mon.	18	8 ·03	5 ·85	22	23	Sun.	19	11 ·34	12 ·73	24					18 ·06	
24	Tues.	19	9 ·11	6 ·93	23	24	Mon.	20	12 ·30	13 ·69	25	25	Fri.	19	13 ·12	19 ·99	26
25	Wed.	20	10 ·17	... ...	24	25	Tues.	21	13 ·23	14 ·64	26				14 ·02		
26	Thur.	21	11 ·21	7 ·00	25	26	Wed.	22	14 ·14	15 ·58	27	26	Sat.	20	A ·94	20 ·94	27
27	Fri.	22	12 ·24	8 ·06	26				A ·05			27	Sun.	21	1 ·86	21 ·88	28
28	Sat.	23	13 ·23	9 ·09	27	27	Thur.	23	1 ·95	16 ·52	28	28	Mon.	22	2 ·78	22 ·84	—29
29	Sun.	24	14 ·21	10 ·10	28	28	Fri.	24	2 ·85	17 ·45	—29	—29	Tues.	23	3 ·72	23 ·81	1
30	Mon.	25	—A ·17	11 ·09	29	29	Sat.	25	3 ·76	18 ·38	1	1	Wed.	24	4 ·68	24 ·79	2
—31	Tues.	26	1 ·12	12 ·06	—30	—30	Sun.	26	4 ·67	19 ·32	2	2	Thur.	25	5 ·67	25 ·81	3
1	Wed.	27	2 ·04	13 ·03	1	1	Mon.	27	5 ·59	20 ·26	3	3	Fri.	26	6 ·66	26 ·84	4
			3 ·96	14 ·97		2	Tues.	28	*Sukla.* 6 ·51	21 ·20	4	4	Sat.	27	7 ·68	27 ·88	5
2	Thur.	28	4 ·86	15 ·91	2	3	Wed.	29	7 ·44	22 ·18	5	5	Sun.	28	8 ·74	1 ·95	6
3	Fri.	29	5 ·76	16 ·84	3	4	Thur.	30	8 ·40	23 ·15	6	6	Mon.	29	9 ·80	... ...	7
4	Sat.	30	6 ·66	17 ·77	4	5	Fri.	31	9 ·38	24 ·15	7	7	Tues.	30	10 ·87	2 ·03	8
5	Sun.	31	7 ·56	18 ·71	5							8	Wed.	31	11 ·96	3 ·13	9

Ānanda. **Karkataka—Adi.** *Ānanda.* **Simha—Āvani.** *Ānanda.* **Kan.—Pur.** *Ānanda.* **Kanyā—Puraṭṭāśi.** *Ānanda.* **Tulā—Aippaśi.** *Ānanda.* **Vṛśchika—Kārttigai.** *Ānanda.* **Dhanus—Margali.** *Ānanda.* **Makara—Tai.** *Ānanda.* **Kārttika.** *Ānanda.* **Mārgaśirsha.** *Ānanda.* **Pausha.**

Śukla. **Adhika Śrāvana.** *Bahula.* **Nija Śrāvana.** *H. 466 Śi-l-ka'da.* *H. 466 Śi-l-hijja.* *H. 467 Muharram.* *H. 467 Śafar.* *H. 467 Rabi-ul awwal.* *H. 467 Rabi-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1075. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·15.** **Śaka 997.** **Kaliyuga 4176.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·11.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Thur.	1	... ...	4 ·25	10	8	Sun.	1	11 ·47	8 ·24	10	8	Fri.	1	13 ·42	15 ·94	12
10	Fri.	2	12 ·05	5 ·35	11	9	Mon.	2	12 ·52	9 ·30	11	9	Sat.	2	14 ·34	16 ·90	13
11	Sat.	3	13 ·13	6 ·45	12	10	Tues.	3	13 ·52	10 ·34	12	10	Sun.	3	P ·25	17 ·83	14
12	Sun.	4	14 ·21	7 ·54	13	11	Wed.	4	14 ·52	11 ·36	13	11	Mon.	4	1 ·16	18 ·76	15
13	Mon.	5	P ·27	8 ·61	14	12	Thur.	5	P ·50	12 ·36	14	12	Tues.	5	{ 2 ·06 / 3 ·96	19 ·69	16
14	Tues.	6	1 ·30	9 ·68	15	13	Fri.	6	1 ·45	13 ·35	15						
15	Wed.	7	2 ·32	10 ·71	16	14	Sat.	7	2 ·38	14 ·32	16	13	Wed.	6	4 ·86	20 ·62	17
16	Thur.	8	3 ·31	11 ·72	17	15	Sun.	8	3 ·30	15 ·27	17	14	Thur.	7	5 ·76	21 ·57	18
17	Fri.	9	4 ·30	12 ·71	18	16	Mon.	9	4 ·22	16 ·21	18	15	Fri.	8	6 ·68	22 ·51	19
18	Sat.	10	5 ·26	13 ·69	19	17	Tues.	10	5 ·12	17 ·15	19	16	Sat.	9	7 ·59	23 ·46	20
19	Sun.	11	6 ·19	14 ·66	20				{ 6 ·02			17	Sun.	10	8 ·54	24 ·43	21
20	Mon.	12	7 ·12	15 ·60	21	18	Wed.	11	{ 7 ·92	18 ·09	20	18	Mon.	11	9 ·50	25 ·42	22
21	Tues.	13	{ 8 ·05 / 9 ·95	16 ·54	22	19	Thur.	12	8 ·82	19 ·02 / 20 ·95	21	19	Tues.	12	10 ·49	26 ·43	23
22	Wed.	14	10 ·85	17 ·47	23	20	Fri.	13	9 ·73	21 ·89	22	20	Wed.	13	11 ·48	27 ·45	24
23	Thur.	15	11 ·75	18 ·40	24	21	Sat.	14	10 ·64	22 ·83	23	21	Thur.	14	12 ·49	1 ·49	25
24	Fri.	16	12 ·65	19 ·34	25	22	Sun.	15	11 ·57	23 ·80	24	22	Fri.	15	13 ·53	2 ·56	26
25	Sat.	17	13 ·57	20 ·27	26	23	Mon.	16	12 ·50	24 ·78	25	23	Sat.	16	14 ·60	3 ·64	27
26	Sun.	18	14 ·49	21 ·22	27	24	Tues.	17	13 ·47	25 ·77	26	24	Sun.	17	—A ·67	4 ·74	28
27	Mon.	19	—A ·41	22 ·17	28	25	Wed.	18	14 ·45	26 ·78	27	25	Mon.	18	1 ·74	5 ·85	29
28	Tues.	20	1 ·35	23 ·13	29	26	Thur.●	19	—A ·45	27 ·81	28	26	Tues.	19	2 ·81	6 ·96	—30
29	Wed.	21	2 ·31	24 ·12	—30	27	Fri.	20	1 ·47	1 ·88	29	27	Wed.	20	3 ·88	... ...	1
—30	Thur.	22	3 ·30	25 ·13	1	28	Sat.	21	2 ·52	2 ·95	—30	28	Thur.	21	4 ·96	7 ·06	2
1	Fri.	23	4 ·29	26 ·15	2	29	Sun.	22	3 ·57	... ...	1	29	Fri.	22	... ...	8 ·15	3
2	Sat.	24	5 ·32	27 ·19	3	—30	Mon.	23	4 ·65	3 ·03	2	30	Sat.	23	5 ·01	9 ·23	4
3	Sun.	25	6 ·36	1 ·25	4	1	Tues.	24	5 ·74	4 ·14	3	—31	Sun.	24	6 ·04	10 ·29	5
4	Mon.	26	7 ·42	2 ·33	5	2	Wed.	25	6 ·82	5 ·25	4	1	Mon.	25	7 ·06	11 ·33	6
5	Tues.	27	8 ·50	3 ·43	6	3	Thur.	26	7 ·89	6 ·36	5	2	Tues.	26	8 ·05	12 ·34	7
6	Wed.	28	9 ·59	4 ·54	7	4	Fri.	27	8 ·96	7 ·46	6	3	Wed.	27	{ 9 ·02 / 10 ·98	13 ·34	8
7	Thur.	29	10 ·67	5 ·65	8	5	Sat.	28	... ...	8 ·54	7						
8	Fri.	30	11 ·75	6 ·75	9	6	Sun.	29	9 ·02	9 ·61	8	4	Thur.	28	11 ·92	14 ·31	9
9	Sat.	31	12 ·83	7 ·85	10	7	Mon.	30	10 ·06	10 ·66	9	5	Fri.	29	12 ·83	15 ·28	10
		Feb.				8	Tues.	31	11 ·06	11 ·68	10	6	Sat.	30	13 ·74	16 ·23	11
								April.				7	Sun.	31	14 ·64	17 ·17	12
10	Sun.	1	13 ·89	8 ·93	11	9	Wed.	1	12 ·06	12 ·70	11			**June.**			
11	Mon.	2	14 ·94	9 ·99	12	10	Thur.	2	{ 13 ·03 / 14 ·99	13 ·68	12	8	Mon.	1	P ·54	18 ·10	13
12	Tues.	3	P ·94	... ...	13							9	Tues.	2	1 ·44	19 ·03 / 20 ·97	14
13	Wed.	4	1 ·94	10 ·03	14	11	Fri.○	3	P ·92	14 ·65	13	10	Wed.	3	2 ·34	21 ·90	15
14	Thur.	5	2 ·92	11 ·04	15	12	Sat.	4	1 ·84	15 ·61	14	11	Thur.	4	3 ·25	22 ·85	16
15	Fri.	6	3 ·86	12 ·04	16	13	Sun.	5	2 ·75	16 ·55	15	12	Fri.	5	4 ·16	23 ·80	17
16	Sat.	7	4 ·80	13 ·03 / 14 ·99	17	14	Mon.	6	3 ·66	17 ·50	16	13	Sat.	6	5 ·08	24 ·76	18
17	Sun.	8	5 ·72	15 ·94	18	15	Tues.	7	4 ·56	18 ·43	17				{ 6 ·01		
18	Mon.	9	6 ·64	16 ·88	19	16	Wed.	8	5 ·46	19 ·36	18	14	Sun.	7	7 ·96	25 ·74	19
19	Tues.	10	7 ·55	17 ·81	20	17	Thur.	9	6 ·36	20 ·29	19	15	Mon.	8	8 ·95	26 ·75	20
20	Wed.	11	8 ·46	18 ·75	21	18	Fri.	10	7 ·26	21 ·22	20	16	Tues.	9	9 ·94	27 ·77	21
21	Thur.	12	9 ·36	19 ·68	22	19	Sat.	11	8 ·17	22 ·18	21	17	Wed.	10	10 ·97	1 ·81	22
22	Fri.	13	10 ·26	20 ·61	23	20	Sun.	12	9 ·10	23 ·13	22	18	Thur.	11	... ...	2 ·86	23
23	Sat.	14	11 ·16	21 ·55	24	21	Mon.	13	10 ·05	24 ·10	23	19	Fri.	12	11 ·00	3 ·94	24
24	Sun.	15	12 ·07	22 ·50	25	22	Tues.	14	{ 11 ·00 / 12 ·97	25 ·09	24	20	Sat.	13	12 ·06	... ...	25
25	Mon.	16	{ 13 ·00 / 14 ·94	23 ·46	26	23	Wed.	15	13 ·97	26 ·10	25	21	Sun.	14	13 ·12	4 ·05	26
26	Tues.	17	—A ·91	24 ·45	27	24	Thur.	16	14 ·99	27 ·14	26	22	Mon.	15	14 ·19	5 ·15	27
27	Wed.	18	1 ·89	25 ·45	28	25	Fri.	17	... ...	1 ·19	27	23	Tues.	16	—A ·28	6 ·26	28
28	Thur.	19	2 ·88	26 ·47	—29	26	Sat.	18	—A ·04	2 ·25	28	24	Wed.	17	1 ·36	7 ·36	—29
29	Fri.	20	3 ·91	27 ·50	1	27	Sun.	19	1 ·09	3 ·34	—29	25	Thur.	18	2 ·44	8 ·45	1
—30	Sat.	21	4 ·95	1 ·56	2	28	Mon.	20	2 ·16	4 ·44	1	26	Fri.	19	3 ·48	9 ·54	2
1	Sun.	22	... ...	2 ·65	3	29	Tues.	21	3 ·24	5 ·54	2	27	Sat.	20	4 ·52	10 ·60	3
2	Mon.	23	5 ·02	3 ·74	4	30	Wed.	22	4 ·32	6 ·66	3	28	Sun.	21	5 ·54	11 ·64	4
3	Tues.	24	6 ·10	4 ·84	5	—31	Thur.	23	5 ·41	7 ·76	4	29	Mon.	22	6 ·52	12 ·66	5
4	Wed.	25	7 ·19	5 ·95	6	1	Fri.	24	6 ·47	8 ·85	5	30	Tues.	23	7 ·50	13 ·66	6
5	Thur.	26	8 ·28	... ...	7	2	Sat.	25	7 ·53	9 ·92	6	31	Wed.	24	8 ·46	14 ·65	7
6	Fri.	27	9 ·36	6 ·05	8	3	Sun.	26	8 ·56	10 ·97	7	—32	Thur.	25	9 ·39	15 ·62	8
7	Sat.	28	10 ·42	7 ·15	9	4	Mon.	27	9 ·58	... ...	8	1	Fri.	26	10 ·31	16 ·57	9
						5	Tues.	28	10 ·57	11 ·01	9	2	Sat.	27	11 ·24	17 ·51	10
						6	Wed.	29	11 ·54	12 ·02	10	3	Sun.	28	12 ·14	18 ·44	11
						7	Thur.	30	12 ·50	13 ·01 / 14 ·98	11	4	Mon.	29	{ 13 ·04 / 14 ·94	19 ·38	12
												5	Tues.	30	P ·84	20 ·31	13

Ānanda. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* *H. 467 Jamāda'l awwal.* *H. 467 Jamāda'l ākhir.* *H. 467 Rajab.*

Ānanda. **Kumbha—Māśi.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* *H. 467 Ramażān.*

Ānanda. **Mīna—Pāguni.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Sukla.* *H. 467 Rajab.* *H. 467 Śha'bān.* *H. 467 Ramażān.*

Rākshasa. **Mēsha—Chittirai.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyeshṭha.** *Bahula.* **Āshāḍha.** *Sukla.* *H. 467 Shawwāl.* *H. 467 Zi-l-ka'da.*

Rākshasa. **Vṛishabha—Vaigāśi.** *Bahula.* **Vaiśāk.** *Sukla.* **Jyeshṭha.** *Bahula.* **Āshāḍha.** *Sukla.* *H. 467 Ramażān.*

Rākshasa. **Mithuna—Āni.** *Bahula.* **Jyeshṭha.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* *H. 467 Shawwāl.* *H. 467 Zi-l-ka'da.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāti. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śha. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1075. **Kollam 251,** { **N. Malabar—Aug.** **Hijra 468.** **Vikrama 1132.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 16.** **Bengal San. 481.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Wed. 1	1 ·74	21 ·24	14	5	Tues. 1	4 ·48	2 ·80	17	6	Sun. 1	5 ·03	8 ·97	19
7	Thur. 2	2 ·64	22 ·18	15	6	Wed. 2	5 ·52	3 ·86	18	7	Mon. 2	6 ·12	... ...	20
8	Fri. 3	3 ·56	23 ·13	16	7	Thur. 3	6 ·57	4 ·95	19	8	Tues. 3	7 ·19	9 ·06	21
9	Sat. 4	4 ·50	24 ·09	17	8	Fri. 4	7 ·65	... ...	20	9	Wed. 4	8 ·24	10 ·15	22
10	Sun. 5	5 ·45	25 ·07	18	9	Sat. 5	8 ·73	5 ·04	21	10	Thur. 5	9 ·29	11 ·22	23
11	Mon. 6	6 ·43	26 ·07	19	10	Sun. 6	9 ·81	6 ·16	22	11	Fri. 6	10 ·31	12 ·26	24
12	Tues. 7	7 ·41	27 ·08	20	11	Mon. 7	10 ·89	7 ·27	23	12	Sat. 7	11 ·31	13 ·28	25
13	Wed. 8	8 ·45	1 ·12	21	12	Tues. 8	11 ·97	8 ·37	24	13	Sun. 8	12 ·29	14 ·28	26
14	Thur. 9	9 ·49	2 ·17	22	13	Wed. 9	... ...	9 ·46	25	14	Mon. 9	13 ·26	15 ·28	27
15	Fri. 10	10 ·53	3 ·26	23	14	Thur. 10	12 ·04	10 ·53	26	15	Tues. 10	14 ·20	16 ·24	28
16	Sat. 11	11 ·59	4 ·35	24	15	Fri. 11	13 ·07	11 ·58	27	16	Wed. 11	—A ·13	17 ·20	29
17	Sun. 12	12 ·68	5 ·45	25	16	Sat. 12	14 ·09	12 ·63	28	17	Thur. 12	1 ·05	18 14	—30
18	Mon. 13	13 ·77	6 ·55	26	17	Sun. ● 13	—A ·09	13 ·64	29			2 ·95		
19	Tues. 14	14 ·84	7 ·66	27	18	Mon. 14	1 ·07	14 ·63	—30	18	Fri. 13	3 ·85	19 ·07	1
20	Wed. 15	—A ·91	8 ·77	28	19	Tues. 15	2 ·04	15 ·61	1	19	Sat. 14	4 ·75	20 ·01	2
21	Thur. 16	1 ·96	9 ·85	29			3 ·98						21 ·94	
22	Fri. 17	... ...	10 ·91	—30	20	Wed. 16	4 ·91	16 ·57	2	20	Sun. 15	5 ·66	22 ·87	3
23	Sat. 18	2 ·01	11 ·96	1	21	Thur. 17	5 ·82	17 ·53	3	21	Mon. 16	6 ·57	23 ·81	4
24	Sun. 19	3 ·02	12 ·98	2	22	Fri. 18	6 ·73	18 ·46	4	22	Tues. 17	7 ·48	24 ·76	5
25	Mon. 20	4 ·02	... ...	3	23	Sat. 19	7 ·63	19 ·40	5	23	Wed. 18	8 ·42	25 ·72	6
		5 ·99			24	Sun. 20	8 ·53	20 ·33	6	24	Thur. 19	9 ·36	26 ·70	7
26	Tues. 21	6 ·96	13 ·00	4	25	Mon. 21	9 ·43	21 ·26	7	25	Fri. 20	10 ·32	27 ·69	8
			14 ·98		26	Tues. 22	10 ·33	22 ·20	8	26	Sat. 21	11 ·31	1 ·70	9
27	Wed. 22	7 ·89	15 ·95	5	27	Wed. 23	11 ·25	23 ·14	9	27	Sun. 22	12 ·30	2 ·73	10
28	Thur. 23	8 ·81	16 ·90	6	28	Thur. 24	12 ·17	24 ·09	10	28	Mon. 23	13 ·33	3 ·78	11
29	Fri. 24	9 ·73	17 ·84	7	29	Fri. 25	13 ·14	25 ·06	11	—29	Tues. 24	14 ·37	4 ·87	12
30	Sat. 25	10 ·63	18 ·78	8	—30	Sat. ○ 26	14 ·07	26 ·04	12	1	Wed. 25	P ·44	5 ·95	13
31	Sun. 26	11 ·53	19 ·72	9	1	Sun. 27	P ·06	27 ·05	13	2	Thur. 26	1 ·51	... ...	14
—32	Mon. 27	12 ·43	20 ·65	10	2	Mon. 28	1 ·05	1 ·07	14	3	Fri. 27	2 ·60	6 ·05	15
1	Tues. 28	13 ·33	21 ·58	11	3	Tues. 29	2 ·06	2 ·11	15	4	Sat. 28	3 ·69	7 ·16	16
2	Wed. 29	14 ·23	22 ·52	12	4	Wed. 30	3 ·10	3 ·17	16	5	Sun. 29	4 ·77	8 ·27	17
3	Thur. 30	P ·14	23 ·46	13						6	Mon. 30	5 ·84	9 ·37	18
4	Fri. 31	1 ·07	24 ·43	14										
	Aug.					**Oct.**					**Dec.**			
5	Sat. 1	·01	25 ·40	15	5	Thur. 1	4 ·16	4 ·25	17	7	Tues. 1	6 ·91	10 ·46	19
		·96			6	Fri. 2	5 ·23	5 ·34	18	8	Wed. 2	7 ·95	11 ·53	20
6	Sun. 2	4 ·93	26 ·39	16	7	Sat. 3	6 ·32	6 ·46	19	9	Thur. 3	8 ·96	12 ·57	21
7	Mon. 3	5 ·93	27 ·40	17	8	Sun. 4	7 ·41	7 ·56	20	10	Fri. 4	9 ·95	13 ·60	22
8	Tues. 4	6 ·94	1 ·43	18	9	Mon. 5	8 ·50	8 ·67	21	11	Sat. 5	10 ·92	14 ·62	23
9	Wed. 5	7 ·97	2 ·49	19	10	Tues. 6	9 ·57	9 ·76	22	12	Sun. 6	11 ·89	15 ·61	24
10	Thur. 6	... ...	3 ·56	20	11	Wed. 7	10 ·63	10 ·84	23	13	Mon. 7	12 ·84	16 ·58	25
11	Fri. 7	8 ·03	4 ·65	21	12	Thur. 8	11 ·67	11 ·91	24	14	Tues. 8	13 ·77	17 ·53	26
12	Sat. 8	9 ·09	5 ·75	22	13	Fri. 9	12 ·70	12 ·94	25	15	Wed. 9	14 ·69	18 ·48	27
13	Sun. 9	10 ·18	6 ·85	23	14	Sat. 10	13 ·69	13 ·96	26	16	Thur. 10	—A ·60	19 ·42	28
14	Mon. 10	11 ·27	7 ·97	24	15	Sun. 11	14 ·67	14 ·96	27	17	Fri. 11	1 ·51	20 ·35	—29
15	Tues. 11	12 ·35	... ...	25	16	Mon. 12	—A ·63	15 ·94	28	18	Sat. 12	2 ·41	21 ·28	1
16	Wed. 12	13 ·43	8 ·07	26	17	Tues. 13	1 ·58	16 ·91	—29	19	Sun. 13	3 ·31	22 ·21	2
17	Thur. 13	14 ·48	9 ·15	27	18	Wed. 14	2 ·50	17 ·86	1	20	Mon. 14	4 ·22	23 ·15	3
18	Fri. 14	—A ·52	10 ·22	28	19	Thur. 15	3 ·42	18 ·80	2	21	Tues. 15	5 ·13	24 ·09	4
19	Sat. 15	1 ·54	11 ·27	—29	20	Fri. 16	4 ·33	19 ·74	3	22	Wed. 16	6 ·06	25 ·06	5
20	Sun. 16	2 ·54	12 ·30	1	21	Sat. 17	5 ·23	20 ·66	4			7 ·00		
21	Mon. 17	3 ·51	13 ·32	2	22	Sun. 18	6 ·13	21 ·60	5	23	Thur. 17	8 ·97	26 ·03	6
22	Tues. 18	4 ·48	14 ·31	3	23	Mon. 19	7 ·03	22 ·54	6	24	Fri. 18	9 ·95	27 ·01	7
23	Wed. 19	5 ·42	15 ·28	4			8 ·94			25	Sat. 19	10 ·95	1 ·02	8
24	Thur. 20	6 ·35	16 ·24	5	24	Tues. 20	9 ·86	23 ·48	7	26	Sun. 20	11 ·97	2 ·05	9
25	Fri. 21	7 ·26	17 ·18	6	25	Wed. 21	10 ·78	24 ·42	8	27	Mon. 21	... ...	3 ·10	10
26	Sat. 22	8 ·16	18 ·13	7	26	Thur. 22	11 ·72	25 ·39	9	28	Tues. 22	12 ·01	4 ·17	11
		9 ·06	19 ·06		27	Fri. 23	12 ·67	26 ·37	10	29	Wed. 23	13 ·08	5 ·25	12
27	Sun. 23	10 ·96	20 ·98	8	28	Sat. 24	13 ·67	27 ·37	11	—30	Thur. 24	14 ·16	6 ·35	13
28	Mon. 24	11 ·86	21 ·92	9	29	Sun. 25	14 ·67	1 ·38	12	1	Fri. 25	P ·26	7 ·46	14
29	Tues. 25	12 ·77	22 ·85	10	—30	Mon. 26	P ·68	2 ·42	13	2	Sat. 26	1 ·35	8 ·57	15
30	Wed. 26	13 ·68	23 ·81	11	1	Tues. 27	1 ·72	3 ·48	14	3	Sun. 27	2 ·43	9 ·67	16
—31	Thur. 27	14 ·60	24 ·76	12	2	Wed. 28	2 ·78	4 ·55	15	4	Mon. 28	3 ·51	10 ·76	17
1	Fri. 28	P ·54	25 ·73	13	3	Thur. 29	3 ·86	5 ·65	16	5	Tues. 29	4 ·55	11 ·83	18
2	Sat. 29	1 ·49	26 ·71	14	4	Fri. 30	4 ·94	6 ·76	17	6	Wed. 30	5 ·59	12 ·89	19
3	Sun. 30	2 ·47	27 ·72	15	5	Sat. 31	... ...	7 ·86	18	7	Thur. 31	6 ·60	13 ·93	20
4	Mon. 31	3 ·47	1 ·75	16										

Rākshasa. **Karkataka—Ādi.** *Bahula.* **Āshāḍha.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Śukla.* *Rākshasa.* **Siṁha—Āvaṇi.**

Rākshasa. **Kanyā—Purattāśi.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.* *Rākshasa.* **Tulā—Aippaśi.**

Rākshasa. **Vṛiśchika—Kārttigai.** *Bahula.* *Śukla.* **Mārgaśirsha.** *Bahula.* *Śukla.* *Rākshasa.* **Dhanus—Mārgali.**

H. 467 Zi-l-ka'da. *H. 467 Zi-l-ḥijja.* *H. 468 Muḥarram.* *H. 468 Ṣafar.* *H. 468 Rabi-ul awwal.* *H. 468 Rabī-ul ākhir.* *H. 468 Rabi-ul awwal.* *H. 468 Jamādā'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1076. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·40.** **Śaka 998.** **Kaliyuga 4177.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·36.** **(S. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1	7 ·61	14 ·94	21	9	Tues.	1	8 ·52	19 ·43	22	9	Sun.	1	11 ·93	26 ·68	24
9	Sat.	2	8 ·58	15 ·93	22	10	Wed.	2	9 ·42	20 ·37	23	10	Mon.	2	12 ·87	27 ·65	25
10	Sun.	3	9 ·55	16 ·91	23	11	Thur.	3	10 ·32	21 ·30	24	11	Tues.	3	13 ·82	1 ·63	26
11	Mon.	4	10 ·48	17 ·86	24	12	Fri.	4	11 ·22	22 ·24	25	12	Wed.	4	14 ·80	2 ·64	27
12	Tues.	5	11 ·41	18 ·81	25	13	Sat.	5	12 ·12	23 ·17	26	13	Thur.	5	—**A** ·79	3 ·67	28
13	Wed.	6	12 ·32	19 ·76	26	14	Sun.	6	13 ·03	24 ·11	27	14	Fri.	6	1 ·81	4 ·72	29
14	Thur.	7	13 ·23	20 ·69	27				14 ·95			15	Sat.	7	2 ·86	5 ·78	—30
15	Fri.	8	14 ·13	21 ·62	28	15	Mon.	7	—**A** ·87	25 ·05	28	16	Sun.	8	3 ·92	6 ·86	1
16	Sat.	9	**A** ·03	22 ·55	29	16	Tues.	8	1 ·82	26 ·01	29	17	Mon.	9	4 ·99	7 ·96	2
			1 ·93							27 ·00		18	Tues.	10	... ...	... ...	3
17	Sun.	10	2 ·83	23 ·48	—30	17	Wed.	9	2 ·78	1 ·99	—30	19	Wed.	11	5 ·07	8 ·06	4
18	Mon.	11	3 ·76	24 ·44	1	18	Thur.	10	3 ·77	... ...	1	20	Thur.	12	6 ·15	9 ·18	5
19	Tues.	12	4 ·69	25 ·39	2	19	Fri.	11	4 ·76	2 ·00	2	21	Fri.	13	7 ·23	10 ·28	6
20	Wed.	13	5 ·64	26 ·35	3	20	Sat.	12	5 ·80	3 ·03	3	22	Sat.	14	8 ·29	11 ·37	7
21	Thur.	14	6 ·60	27 ·34	4	21	Sun.	13	6 ·84	4 ·09	4	23	Sun.	15	9 ·34	12 ·45	8
22	Fri.	15	7 ·58	1 ·34	5	22	Mon.	14	7 ·89	5 ·16	5	24	Mon.	16	10 ·38	13 ·50	9
23	Sat.	16	8 ·58	2 ·37	6	23	Tues.	15	8 ·97	6 ·26	6	25	Tues.	17	11 ·38	14 ·55	10
24	Sun.	17	9 ·62	3 ·41	7	24	Wed.	16	... ...	7 ·36	7	26	Wed.	18	12 ·38	15 ·56	11
25	Mon.	18	10 ·66	4 ·47	8	25	Thur.	17	9 ·05	8 ·47	8	27	Thur.	19	13 ·35	16 ·56	12
26	Tues.	19	11 ·72	5 ·56	9	26	Fri.	18	10 ·14	9 ·57	9	28	Fri.	20	14 ·30	17 ·53	13
27	Wed.	20	12 ·79	6 ·65	10	27	Sat.	19	11 ·22	10 ·67	10	29	Sat.	21	**P** ·24	18 ·49	14
28	Thur.	21	13 ·88	7 ·77	11	28	Sun.	20	12 ·29	11 ·76	11	30	Sun.	22	1 ·16	19 ·45	15
—29	Fri.	22	14 ·97	8 ·87	12	29	Mon.	21	13 ·34	12 ·83	12				2 ·07		
1	Sat.	23	... ...	9 ·97	13	—30	Tues.	22	14 ·37	13 ·88	13	31	Mon.	23	3 ·97	20 ·39	16
2	Sun.	24	**P** ·06	... ...	14	1	Wed.	23	**P** ·38	14 ·90	14	—32	Tues.	24	4 ·87	21 ·32	17
3	Mon.	25	1 ·13	10 ·07	15	2	Thur.	24	1 ·37	15 ·91	15	1	Wed.	25	5 ·77	22 ·25	18
4	Tues.	26	2 ·19	11 ·14	16	3	Fri.	25	2 ·35	16 ·90	16	2	Thur.	26	6 ·67	23 ·18	19
5	Wed.	27	3 ·22	12 ·21	17	4	Sat.	26	3 ·29	17 ·87	17	3	Fri.	27	7 ·57	24 ·12	20
6	Thur.	28	4 ·24	13 ·25	18	5	Sun.	27	4 ·23	18 ·83	18	4	Sat.	28	8 ·49	25 ·06	21
7	Fri.	29	5 ·23	14 ·26	19	6	Mon.	28	5 ·15	19 ·77	19					26 ·02	
8	Sat.	30	6 ·20	15 ·26	20				6 ·07			5	Sun.	29	9 ·41	27 ·98	22
9	Sun.	31	7 ·15	16 ·24	21	7	Tues.	29	7 ·97	20 ·71	20	6	Mon.	30	10 ·34	1 ·96	23
						8	Wed.	30	8 ·87	21 ·65	21	7	Tues.	31	11 ·30	2 ·97	24
						9	Thur.	31	9 ·77	22 ·57	22						
	Feb.						**April.**						**June.**				
10	Mon.	1	8 ·09	17 ·20	22	10	Fri.	1	10 ·67	23 ·51	23	8	Wed.	1	12 ·27	3 ·99	25
11	Tues.	2	9 ·02	18 ·16	23	11	Sat.	2	11 ·58	24 ·44	24	9	Thur.	2	13 ·27	... ...	26
			10 ·94			12	Sun.	3	12 ·49	25 ·39	25	10	Fri.	3	14 ·29	4 ·03	27
12	Wed.	3	11 ·84	19 ·10	24	13	Mon.	4	13 ·41	26 ·35	26	11	Sat.	4	—**A** ·34	5 ·09	28
				20 ·03		14	Tues.	5	14 ·36	27 ·32	27	12	Sun.	5	1 ·39	6 ·16	—29
13	Thur.	4	12 ·74	21 ·96	25	15	Wed.	6	—**A** ·31	1 ·31	28	13	Mon.	6	2 ·45	7 ·26	1
14	Fri.	5	13 ·64	22 ·89	26	16	Thur.	7	1 ·30	2 ·32	—29	14	Tues.	7	3 ·53	8 ·37	2
15	Sat.	6	14 ·55	23 ·83	27	17	Fri.	8	2 ·29	3 ·35	1	15	Wed.	8	4 ·61	9 ·48	3
16	Sun.	7	—**A** ·46	24 ·77	28	18	Sat.	9	3 ·32	4 ·40	2	16	Thur.	9	5 ·70	10 ·58	4
17	Mon.	8	1 ·37	25 ·72	—29	19	Sun.	10	4 ·36	5 ·47	3	17	Fri.	10	6 ·77	11 ·67	5
18	Tues.	9	2 ·29	26 ·68	1	20	Mon.	11	5 ·42	6 ·56	4	18	Sat.	11	7 ·82	12 ·75	6
19	Wed.	10	3 ·25	27 ·66	2	21	Tues.	12	6 ·49	7 ·66	5	19	Sun.	12	8 ·85	13 ·82	7
20	Thur.	11	4 ·21	1 ·67	3	22	Wed.	13	7 ·57	8 ·77	6	20	Mon.	13	9 ·86	14 ·86	8
21	Fri.	12	5 ·20	2 ·68	4	23	Thur.	14	8 ·65	9 ·88	7	21	Tues.	14	10 ·85	15 ·88	9
22	Sat.	13	6 ·19	3 ·72	5	24	Fri.	15	9 ·73	10 ·98	8	22	Wed.	15	11 ·82	16 ·88	10
23	Sun.	14	7 ·22	4 ·78	6	25	Sat.	16	10 ·81	... ...	9	23	Thur.	16	12 ·78	17 ·86	11
24	Mon.	15	8 ·27	5 ·86	7	26	Sun.	17	11 ·86	11 ·07	10	24	Fri.	17	13 ·72	18 ·84	12
25	Tues.	16	9 ·33	6 ·96	8	27	Mon.	18	12 ·89	12 ·14	11	25	Sat.	18	14 ·64	19 ·79	13
26	Wed.	17	10 ·41	... ...	9	28	Tues.	19	13 ·90	13 ·19	12	26	Sun.	19	**P** ·55	20 ·73	14
27	Thur.	18	11 ·49	7 ·06	10	29	Wed.	20	14 ·89	14 ·22	13	27	Mon.	20	1 ·44	21 ·66	15
28	Fri.	19	12 ·58	8 ·17	11	30	Thur.	21	**P** ·86	15 ·24	14	28	Tues.	21	2 ·34	22 ·59	16
29	Sat.	20	13 ·66	9 ·27	12	31	Fri.	22	1 ·81	16 ·23	15	29	Wed.	22	3 ·24	23 ·53	17
30	Sun.	21	14 ·72	10 ·37	13	1	Sat.	23	2 ·75	17 ·20	16	30	Thur.	23	4 ·14	24 ·46	18
1	Mon.	22	**P** ·78	11 ·45	14	2	Sun.	24	3 ·67	18 ·16	17						
2	Tues.	23	1 ·82	12 ·52	15	3	Mon.	25	4 ·58	19 ·11	18	31	Fri.	24	5 ·04	25 ·40	19
3	Wed.	24	2 ·83	13 ·56	16					20 ·05					6 ·96		
4	Thur.	25	3 ·82	14 ·58	17	4	Tues.	26	5 ·48	21 ·98	19	1	Sat.	25	7 ·88	26 ·35	20
5	Fri.	26	4 ·79	15 ·58	18	5	Wed.	27	6 ·38	22 ·91	20	2	Sun.	26	8 ·83	27 ·31	21
6	Sat.	27	5 ·74	16 ·56	19	6	Thur.	28	7 ·28	23 ·84	21	3	Mon.	27	9 ·78	1 ·28	22
7	Sun.	28	6 ·68	17 ·54	20	7	Fri.	29	8 ·18	24 ·78	22	4	Tues.	28	10 ·75	2 ·29	23
8	Mon.	29	7 ·61	18 ·49	21				9 ·08			5	Wed.	29	11 ·75	3 ·30	24
						8	Sat.	30	10 ·99	25 ·72	23	6	Thur.	30	12 ·77	4 ·34	25

Rākshasa. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *H.* 468 *Jamāda'l ākhir.*

Rākshasa. **Kumbha—Māgi.** *Bahula.* *Sukla.* **Phālguna.** *Bahula.* *H.* 468 *Rajab.*

Rākshasa. **Mīna—Pāṅguni.** *Bahula.* *Sukla.* **Chaitra.** *Bahula.* *H.* 468 *Sha'bān.*

Anala. **Mēsha—Chittirai.** *Bahula.* *Sukla.* **Vaiśākha.** *Bahula.* *H.* 468 *Ramazān.*

Anala. **Vrish.—Vaigāśi.** *Bahula.* *Sukla.* **Jyeshtha.** *Bahula.* *H.* 468 *Shawwāl.*

Anala. **Mithuna—Āni.** *Bahula.* *Sukla.* **Āshādha.** *Bahula.* *H.* 468 *Zi-l-ka'da.*

Anala. **Kark.—Ādi.** *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

C.8342

A.D. 1076. **Kollam 352,** { **N. Malabar—Aug.** **Hijra 469.** **Vikrama 1133.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 5.** **Bengal San. 482.**
P—Paurnimā. **(N. Cycle) Kālayukta.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Fri. 1	13 ·81	5 ·39	26	6	Thur.● 1	—**A** ·29	12 ·68	28	7	Tues. 1	2 ·54	18 ·49	—30
8	Sat. 2	14 ·85	6 ·47	27	7	Fri. 2	1 ·34	13 ·75	29	8	Wed. 2	3 ·48	19 ·46	1
9	Sun. 3	—**A** ·93	7 ·57	28	8	Sat. 3	2 ·38	14 ·80	—30	9	Thur. 3	4 ·41	20 ·42	2
10	Mon. 4	... ...	8 ·67	29	9	Sun. 4	3 ·39	15 ·84	1	10	Fri. 4	5 ·32	21 ·36	3
11	Tues. 5	1 ·01	9 ·77	—30	10	Mon. 5	4 ·39	16 ·86	2	11	Sat. 5	6 ·23	22 ·29	4
12	Wed. 6	2 ·09	10 ·88	1	11	Tues. 6	5 ·37	17 ·85	3	12	Sun. 6	7 ·14	23 ·22	5
13	Thur. 7	3 ·17	11 ·98	2	12	Wed. 7	6 ·34	18 ·83	4			8 ·04		
14	Fri. 8	4 ·24	... ...	3	13	Thur. 8	7 ·28	19 ·79	5	13	Mon. 7	9 ·94	24 ·16	6
15	Sat. 9	5 ·30	12 ·07	4	14	Fri. 9	8 ·20	20 ·74	6	14	Tues. 8	10 ·84	25 ·09	7
16	Sun. 10	6 ·33	13 ·13	5	15	Sat. 10	9 ·11	21 ·68	7				26 ·03	
17	Mon. 11	7 ·35	14 ·18	6			10 ·02			15	Wed. 9	11 ·76	27 ·98	8
18	Tues. 12	8 ·34	15 ·20	7	16	Sun. 11	11 ·92	22 ·62	8	16	Thur. 10	12 ·70	1 ·94	9
19	Wed. 13	9 ·32	16 ·21	8	17	Mon. 12	12 ·82	23 ·55	9	17	Fri. 11	13 ·65	2 ·92	10
20	Thur. 14	10 ·27	17 ·20	9	18	Tues. 13	13 ·72	24 ·47	10	18	Sat. 12	14 ·60	3 ·91	11
21	Fri. 15	11 ·21	18 ·17	10	19	Wed. 14	14 ·63	25 ·41	11	19	Sun. 13	**P** ·58	4 ·92	12
22	Sat. 16	12 ·14	19 ·12	11	20	Thur. 15	**P** ·54	26 ·36	12	20	Mon. 14	1 ·58	5 ·95	13
		13 ·04			21	Fri. 16	1 ·48	27 ·31	13	21	Tues. 15	2 ·61	... ...	14
23	Sun. 17	14 ·94	20 ·06	12	22	Sat. 17	2 ·42	1 ·28	14	22	Wed. 16	3 ·66	6 ·00	15
			21 ·00		23	Sun. 18	3 ·37	2 ·26	15	23	Thur. 17	4 ·72	7 ·08	16
24	Mon. 18	**P** ·84	22 ·93	13	24	Mon. 19	4 ·35	3 ·36	16	24	Fri. 18	5 ·81	8 ·17	17
25	Tues. 19	1 ·74	23 ·87	14	25	Tues. 20	5 ·34	4 ·29	17	25	Sat. 19	6 ·89	9 ·27	18
26	Wed. 20	2 ·64	24 ·80	15	26	Wed. 21	6 ·36	5 ·33	18	26	Sun. 20	7 ·97	10 ·38	19
27	Thur. 21	3 ·54	25 ·74	16	27	Thur. 22	7 ·40	6 ·39	19	27	Mon. 21	... ...	11 ·49	20
28	Fri. 22	4 ·46	26 ·68	17	28	Fri. 28	8 ·46	7 ·47	20	28	Tues. 22	8 ·06	12 ·58	21
29	Sat. 23	5 ·38	27 ·64	18	29	Sat. 24	9 ·53	8 ·56	21	29	Wed. 23	9 ·13	13 ·68	22
30	Sun. 24	6 ·32	1 ·62	19	—30	Sun. 25	10 ·62	9 ·68	22	—30	Thur. 24	10 ·19	14 ·75	23
31	Mon. 25	7 ·27	2 ·61	20	1	Mon. 26	11 ·71	10 ·78	23	1	Fri. 25	11 ·22	15 ·79	24
—32	Tues. 26	8 ·26	3 ·62	21	2	Tues. 27	12 ·79	11 ·89	24	2	Sat. 26	12 ·25	16 ·82	25
1	Wed. 27	9 ·25	4 ·65	22	3	Wed. 28	13 ·87	12 ·98	25	3	Sun. 27	13 ·24	17 ·83	26
2	Thur. 28	10 ·25	5 ·70	23	4	Thur. 29	14 ·92	... ...	26	4	Mon. 28	14 ·21	18 ·82	27
3	Fri. 29	11 ·30	6 ·78	24	5	Fri. 30	—**A** ·96	13 ·06	27	5	Tues. 29	—**A** ·18	19 ·80	28
4	Sat. 30	12 ·35	7 ·87	25						6	Wed. 30	1 ·11	20 ·75	—29
5	Sun. 31	13 ·43	8 ·97	26										
	Aug.					**Oct.**					**Dec.**			
6	Mon. 1	14 ·51	... ...	27	6	Sat. 1	1 ·98	14 ·12	28			2 ·03		
7	Tues. 2	—**A** ·60	9 ·07	28	7	Sun. 2	2 ·98	15 ·16	—29	7	Thur. 1	3 ·94	21 ·70	1
8	Wed. 3	1 ·68	10 ·18	29	8	Mon. 3	3 ·96	16 ·18	1	8	Fri. 2	4 ·86	22 ·63	2
9	Thur. 4	2 ·75	11 ·29	—30	9	Tues. 4	4 ·93	17 ·18	2	9	Sat. 3	5 ·76	23 ·57	3
10	Fri. 5	3 ·80	12 ·37	1	10	Wed. 5	5 ·86	18 ·16	3	10	Sun. 4	6 ·66	24 ·50	4
11	Sat. 6	4 ·83	13 ·44	2	11	Thur. 6	6 ·78	19 ·12	4	11	Mon. 5	7 ·56	25 ·43	5
12	Sun. 7	5 ·86	14 ·49	3	12	Fri. 7	7 ·70	20 ·08	5	12	Tues. 6	8 ·48	26 ·37	6
13	Mon. 8	6 ·85	15 ·52	4	13	Sat. 8	8 ·61	21 ·02	6	13	Wed. 7	9 ·40	27 ·31	7
14	Tues. 9	7 ·83	16 ·54	5				22 ·95		14	Thur. 8	10 ·34	1 ·27	8
15	Wed. 10	8 ·79	17 ·53	6	14	Sun. 9	9 ·52	23 ·88	7	15	Fri. 9	11 ·29	2 ·25	9
16	Thur. 11	9 ·73	18 ·50	7	15	Mon. 10	10 ·42	24 ·81	8	16	Sat. 10	12 ·24	3 ·23	10
17	Fri. 12	10 ·65	19 ·46	8	16	Tues. 11	11 ·32	25 ·76	9	17	Sun. 11	13 ·23	4 ·24	11
18	Sat. 13	11 ·56	20 ·40	9	17	Wed. 12	12 ·22	26 ·69	10	18	Mon. 12	14 ·23	5 ·27	12
19	Sun. 14	12 ·46	21 ·34	10	18	Thur. 13	13 ·13	27 ·64	11	19	Tues. 13	**P** ·25	6 ·31	13
20	Mon. 15	13 ·36	22 ·28	11	19	Fri. 14	14 ·07	1 ·61	12	20	Wed. 14	1 ·31	7 ·39	14
21	Tues. 16	14 ·26	23 ·21	12			**P** ·01			21	Thur. 15	2 ·37	8 ·47	15
22	Wed. 17	**P** ·16	24 ·14	13	20	Sat. 15	1 ·97	2 ·58	13	22	Fri. 16	3 ·45	9 ·57	16
		1 ·07			21	Sun. 16	2 ·95	3 ·59	14	23	Sat. 17	4 ·54	10 ·68	17
23	Thur. 18	2 ·99	25 ·07	14	22	Mon. 17	3 ·95	4 ·60	15	24	Sun. 18	5 ·63	11 ·79	18
			26 ·02		23	Tues. 18	4 ·97	5 ·64	16	25	Mon. 19	6 ·71	12 ·89	19
24	Fri. 19	3 ·92	27 ·98	15	24	Wed. 19	... ...	6 ·70	17	26	Tues. 20	7 ·77	13 ·98	20
25	Sat. 20	4 ·86	1 ·95	16	25	Thur. 20	5 ·01	7 ·77	18	27	Wed. 21	8 ·83	... ...	21
26	Sun. 21	5 ·80	2 ·93	17	26	Fri. 21	6 ·08	8 ·86	19	28	Thur. 22	9 ·87	14 ·05	22
27	Mon. 22	6 ·78	3 ·94	18	27	Sat. 22	7 ·15	9 ·98	20	—29	Fri. 23	10 ·89	15 ·11	23
28	Tues. 23	7 ·77	4 ·96	19	28	Sun. 23	8 ·24	... ...	21	1	Sat. 24	11 ·89	16 ·14	24
29	Wed. 24	8 ·79	... ...	20	29	Mon. 24	9 ·33	10 ·08	22	2	Sun. 25	12 ·87	17 ·16	25
30	Thur. 25	9 ·83	5 ·02	21	—30	Tues. 25	10 ·42	11 ·19	23	3	Mon. 26	13 ·83	18 ·15	26
—31	Fri. 26	10 ·88	6 ·08	22	1	Wed. 26	11 ·48	12 ·28	24	4	Tues. 27	14 ·76	19 ·13	27
1	Sat. 27	11 ·95	7 ·17	23	2	Thur. 27	12 ·54	13 ·36	25	5	Wed. 28	—**A** ·68	20 ·08	28
2	Sun. 28	... ...	8 ·27	24	3	Fri. 28	13 ·58	14 ·44	26			1 ·59	21 ·03	
3	Mon. 29	12 ·03	9 ·37	25	4	Sat. 29	14 ·60	15 ·48	27	6	Thur. 29		22 ·98	29
4	Tues. 30	13 ·13	10 ·49	26	5	Sun. 30	—**A** ·60	16 ·50	28	7	Fri. 30	2 ·50	23 ·91	—30
5	Wed. 31	14 ·21	11 ·59	27	6	Mon. 31	1 ·57	17 ·50	29	8	Sat. 31	3 ·40	24 ·84	1

Anala. **Karkataka—Ādi.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H. 468 Ẓi-l-ḥijja.*

Anala. **Siṁha—Āvaṇi.** *Sukla.* **Bhādrapada.** *Bahula.* *H. 468 Muḥarram.*

Anala. **Kanyā—Puraṭṭāsi.** *Sukla.* **Āśvina.** *Bahula.* *H. 469 Ṣafar.*

Anala. **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *H. 469 Rabī-ul awwal.*

Anala. **Vriśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H. 469 Rabī-ul ākhir.*

Anala. **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H. 469 Jamāda'l awwal.*

Anala. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1077. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·66.** **Śaka 999.** **Kaliyuga 4178.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·62.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Sun.	1	*Śukla.* 4 ·30	25 ·77	2	9	Wed.	1	*Śukla.* 4 ·18	2 ·28	2	8	Mon.	1	6 ·19	8 ·00	4
10	Mon.	2	5 ·21	26 ·70	3	10	Thur.	2	5 ·12	3 ·21	3	9	Tues.	2	7 ·28	9 ·08	5
11	Tues.	3	6 ·12	27 ·64	4	11	Fri.	3	6 ·09	4 ·21	4	10	Wed.	3	8 ·32	10 ·18	6
12	Wed.	4	7 ·03 / 8 ·98	1 ·61	5	12	Sat.	4	7 ·07	5 ·22	5	11	Thur.	4	9 ·40	11 ·28	7
13	Thur.	5	9 ·93	2 ·57	6	13	Sun.	5	8 ·07	6 ·25	6	12	Fri.	5	10 ·49	12 ·39	8
14	Fri.	6	10 ·88	3 ·56	7	14	Mon.	6	9 ·08	7 ·31	7	13	Sat.	6	11 ·56	13 ·50	9
15	Sat.	7	11 ·87	4 ·56	8	15	Tues.	7	10 ·14	8 ·38	8	14	Sun.	7	12 ·63	14 ·59	10
16	Sun.	8	12 ·88	5 ·58	9	16	Wed.	8	11 ·21	9 ·48	9	15	Mon.	8	13 ·68	15 ·67	11
17	Mon.	9	13 ·91	6 ·63	10	17	Thur.	9	12 ·29	10 ·58	10	16	Tues.	9	14 ·71	16 ·72	12
18	Tues.	10	14 ·95	7 ·70	11	18	Fri.	10	13 ·38	11 ·69	11	17	Wed.	10	P ·73	17 ·76	13
19	Wed.	11	.. ...	8 ·78	12	19	Sat.	11	14 ·47	12 ·79	12	18	Thur.	11	1 ·71	18 ·78	14
20	Thur.	12	P ·01	9 ·87	13	20	Sun.	12	P ·55	13 ·89	13	19	Fri.	12	2 ·68	19 ·78	15
21	Fri.	13	1 ·09	10 ·98	14	21	Mon.	13	1 ·60	14 ·97	14	20	Sat.	13	3 ·62	20 ·75	16
22	Sat.	14	2 ·18	... ...	15	22	Tues.	14	2 ·65	... ..	15	21	Sun.	14	4 ·55	21 ·71	17
23	Sun.	15	3 ·27	11 ·09	16	23	Wed.	15	3 ·69	15 ·05	16	22	Mon.	15	5 ·48	22 ·66	18
24	Mon.	16	4 ·35	12 ·19	17	24	Thur.	16	4 ·68	16 ·10	17	23	Tues.	16	6 ·39	23 ·61	19
25	Tues.	17	5 ·42	13 ·29	18	25	Fri.	17	5 ·67	17 ·12	18	24	Wed.	17	7 ·29	24 ·54	20
26	Wed.	18	6 ·48	14 ·36	19	26	Sat.	18	6 ·64	18 ·13	19	25	Thur.	18	8 ·19	25 ·47	21
27	Thur.	19	7 ·52	15 ·42	20	27	Sun.	19	7 ·60	19 ·11	20						
28	Fri.	20	8 ·52	16 ·47	21	28	Mon.	20	8 ·53	20 ·09	21	26	Fri.	19	9 ·09 / 10 ·99	26 ·40	22
29	Sat.	21	9 ·51	17 ·48	22	29	Tues.	21	9 ·46	21 ·05 / 22 ·99	22	27	Sat.	20	11 ·89	27 ·33	23
1	Sun.	22	10 ·50	18 ·48	23	30	Wed.	22	10 ·37	23 ·92	23	28	Sun.	21	12 ·80	1 ·27	24
2	Mon.	23	11 ·44	19 ·46	24	31	Thur.	23	11 ·27	24 ·85	24	29	Mon.	22	13 ·72	2 ·23	25
3	Tues.	24	12 ·38	20 ·42	25	1	Fri.	24	12 ·17	25 ·79	25	30	Tues.	23	14 ·66	3 ·20	26
4	Wed.	25	13 ·30	21 ·37	26							31	Wed.	24	A ·62	4 ·18	27
5	Thur.	26	14 ·22	22 ·32	27	2	Sat.	25	13 ·07 / 14 ·97	26 ·72	26	1	Thur.	25	1 ·61	5 ·18	28
6	Fri.	27	A ·13	23 ·25	28	3	Sun.	26	A ·87	27 ·66	27	2	Fri.	26	2 ·60	6 ·20	29
7	Sat	28	1 ·03 / 2 ·93	24 ·18	29	4	Mon.	27	1 ·79	1 ·61	28	3	Sat.	27	3 ·62	7 ·25	1
8	Sun.	29	3 ·83	25 ·11	1	5	Tues.	28	2 ·72	2 ·56	29	4	Sun.	28	4 ·66	8 ·31	2
9	Mon.	30	4 ·74	26 ·04 / 27 ·99	2	6	Wed.	29	3 ·66	3 ·54	1	5	Mon.	29	5 ·71	9 ·38	3
10	Tues.	31	5 ·65	1 ·94	3	7	Thur.	30	4 ·63	4 ·53	2	6	Tues.	30	6 ·79	10 ·48	4
		Feb.				8	Fri.	31	5 ·61	5 ·54	3	7	Wed.	31	7 ·87	11 ·58	5
11	Wed.	1	6 ·59	2 ·90	4			**April.**						**June.**			
12	Thur.	2	7 ·54	3 ·88	5	9	Sat.	1	6 ·62	6 ·57	4	8	Thur.	1	8 ·95	12 ·70	6
13	Fri.	3	8 ·50	4 ·88	6	10	Sun.	2	7 ·64	7 ·62	5	9	Fri.	2	... ...	13 ·80	7
14	Sat.	4	9 ·48	5 ·90	7	11	Mon.	3	8 ·68	8 ·69	6	10	Sat.	3	9 ·03	14 ·89	8
15	Sun.	5	10 ·48	6 ·94	8	12	Tues.	4	9 ·74	9 ·78	7	11	Sun.	4	10 ·11	15 ·97	9
16	Mon.	6	11 ·52	... ...	9	13	Wed.	5	10 ·81	10 ·88	8	12	Mon.	5	11 ·16	.. ...	10
17	Tues.	7	12 ·56	7 ·00	10	14	Thur.	6	11 ·90	11 ·99	9	13	Tues.	6	12 ·18	16 ·03	11
18	Wed.	8	13 ·63	8 ·08	11	15	Fri.	7	12 ·99	... ...	10	14	Wed.	7	13 ·20	17 ·08	12
19	Thur.	9	14 ·71	9 ·17	12	16	Sat.	8	.. ..	12 ·09	11	15	Thur.	8	14 ·18	18 ·10	13
20	Fri. ○	10	P ·81	10 ·28	13	17	Sun.	9	13 ·07	13 ·19	12	16	Fri.	9	P ·15	19 ·10	14
21	Sat.	11	1 ·89	11 ·39	14	18	Mon.	10	14 ·13	14 ·29	13	17	Sat.	10	1 ·10	20 ·08	15
22	Sun.	12	2 ·97	12 ·49	15	19	Tues.	11	P ·18	15 ·36	14	18	Sun.	11	2 ·04 / 3 ·95	21 ·05	16
23	Mon.	13	.. ...	13 ·59	16	20	Wed.	12	1 ·21	16 ·41	15						
24	Tues.	14	3 ·03	14 ·67	17	21	Thur.	13	2 ·22	17 ·44	16	19	Mon.	12	4 ·86	22 ·01 / 23 ·95	17
25	Wed.	15	4 ·08	15 ·73	18	22	Fri.	14	3 ·21	18 ·45	17						
26	Thur.	16	5 ·12	16 ·78	19	23	Sat.	15	4 ·17	19 ·45	18	20	Tues.	13	5 ·77	24 ·88	18
27	Fri.	17	6 ·12	17 ·80	20	24	Sun.	16	5 ·12	20 ·42	19	21	Wed.	14	6 ·67	25 ·81	19
28	Sat.	18	7 ·12	18 ·80	21							22	Thur.	15	7 ·57	26 ·74	20
29	Sun.	19	8 ·09	19 ·78	22	25	Mon.	17	6 ·05 / 7 ·98	21 ·38	20	23	Fri.	16	8 ·47	27 ·67	21
						26	Tues.	18	8 ·89	22 ·33	21	24	Sat.	17	9 ·37	1 ·62	22
30	Mon.	20	9 ·03 / 10 ·97	20 ·75	23	27	Wed.	19	9 ·79	23 ·26	22	25	Sun.	18	10 ·28	2 ·57	23
1	Tues.	21	11 ·90	21 ·71	24	28	Thur.	20	10 ·69	24 ·20	23	26	Mon.	19	11 ·20	3 ·53	24
2	Wed.	22	12 ·82	22 ·65	25	29	Fri.	21	11 ·59	25 ·13	24	27	Tues.	20	12 ·14	4 ·50	25
3	Thur.	25	13 ·72	23 ·59	26	30	Sat.	22	12 ·49	26 ·06	25	28	Wed.	21	13 ·09	5 ·50	26
4	Fri.	24	14 ·62	24 ·52	27					27 ·00		29	Thur.	22	14 ·08	6 ·52	27
5	Sat.	25	A ·52	25 ·45	28	31	Sun.	23	13 ·39	1 ·94	26	30	Fri.	23	A ·08	7 ·56	28
6	Sun.	26	*Śukla.* 1 ·42	26 ·39	29	1	Mon.	24	14 ·30	2 ·90	27	31	Sat.	24	1 ·10	8 ·61	29
7	Mon.	27	2 ·33	27 ·32	30	2	Tues.	25	A ·23	3 ·87	28	32	Sun.	25	2 ·13	9 ·69	30
8	Tues	28	3 ·24	1 ·27	1	3	Wed.	26	1 ·18	4 ·86	29	1	Mon.	26	3 ·19	10 ·78	1
						4	Thur.	27	2 ·14	5 ·86	30	2	Tues.	27	4 ·28	11 ·89	2
						5	Fri.	28	3 ·12	6 ·88	1	3	Wed.	28	5 ·33	... ...	3
						6	Sat.	29	[illegible]	[illegible]		4	Thur.	29	[illegible]	12 ·90	4
						7	Sun.	30	*Śukla.* 5 ·[illegible]	[illegible]		[illegible]	Fri.	[illegible]	*Śukla.* [illegible] 50	[illegible] ·10	5

Amala. **Makara—Tai.** *Bahula.* *Śukla.* *H. 469 Jamāda'l ākhir.*

Amala. **Kumbha—Māśi.** *Phālguna.* *Bahula.* *Śukla.* *H. 469 Rajab.*

Piṅgala. **Mēsha—Chittirai.** *Vaiśākha.* *Bahula.* *Śukla.* *H. 469 Ramazān.*

Piṅgala. **Vṛishabha—Vaigāśi.** *Jyeshṭha.* *Bahula.* *Śukla.* *H. 469 Shawwāl.*

Piṅgala. **Mithuna—Āni.** *Āshāḍha.* *Bahula.* *Śukla.* *H. 469 Zi-l-ka'da.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Puna. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1077. **Kollam 253,** {**N. Malabar—Aug.** **Hijra 470.** **Vikrama 1134.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **July 25.** **Bengal San. 483.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Piṅgala. **Karkaṭaka—Ādi.**			*Śukla.* **Āshādha.**		*H. 469 Ẓi-l-ḥijja.*	*Piṅgala.* **Kanyā—Purattāśi.**			*Bahula.* **Bhādrapada.**		*H. 470 Ṣafar.*	*Piṅgala.* **Vṛiśchika—Kārttigai.**			*Bahula.* **Kārttika.**		*H. 470 Rabi-ul akhir.*
6	Sat.	1	8 ·58	14 ·20	6	6	Fri.	1	11 ·57	21 ·05	9	7	Wed.	1	13 ·23	1 ·30	11
7	Sun.	2	9 ·62	15 ·28	7	7	Sat.	2	12 ·50	22 ·01 / 23 ·96	10	8	Thur.	2	14 ·14	2 ·25	12
8	Mon.	3	10 ·66	16 ·35	8										P ·05		
9	Tues.	4	11 ·68	17 ·40	9	8	Sun.	3	13 ·41	24 ·89	11	9	Fri.	3	1 ·98	3 ·20	13
10	Wed.	5	12 ·67	18 ·42	10	9	Mon.	4	14 ·32	25 ·84	12	10	Sat.	4	2 ·92	4 ·15	14
11	Thur.	6	13 ·63	19 ·43	11	10	Tues.	5	P ·22	26 ·77	13	11	Sun.	5	3 ·88	5 ·13	15
12	Fri.	7	14 ·58	20 ·41	12	11	Wed.	6	1 ·12	27 ·69	14	12	Mon.	6	4 ·87	6 ·12	16
13	Sat.	8	P ·53	21 ·38	13				2 ·01			13	Tues.	7	5 ·87	7 ·14	17
14	Sun.	9	1 ·45	22 ·34	14	12	Thur.	7	3 ·92	1 ·63	15	14	Wed.	8	6 ·91	8 ·17	18
15	Mon.	10	2 ·36	23 ·28	15	13	Fri.	8	4 ·84	2 ·57	16	15	Thur.	9	7 ·95	9 ·22	14
16	Tues.	11	3 ·26	24 ·22	16	14	Sat.	9	5 ·76	3 ·53	17	16	Fri.	10	... ...	10 ·30	29
17	Wed.	12	4 ·16	25 ·15	17	15	Sun.	10	6 ·71	4 ·50	18	17	Sat.	11	8 ·01	11 ·38	20
			5 ·06			16	Mon.	11	7 ·66	5 ·48	19	18	Sun.	12	9 ·09	12 ·49	21
18	Thur.	13	6 ·96	26 ·08	18	17	Tues.	12	*Bahula.* 8 ·64	6 ·48	20	19	Mon.	13	10 ·17	13 ·60	22
				27 ·02		18	Wed.	13	9 ·66	7 ·50	21	20	Tues.	14	11 ·25	14 ·71	23
19	Fri.	14	7 ·86	1 ·95	19	19	Thur.	14	10 ·68	8 ·54	22	21	Wed.	15	12 ·34	15 ·80	25
20	Sat.	15	8 ·78	2 ·90	20	20	Fri.	15	11 ·72	9 ·61	23	22	Thur.	16	13 ·41	16 ·89	26
21	Sun.	16	9 ·70	3 ·86	21	21	Sat.	16	12 ·78	10 ·69	24	23	Fri.	17	14 ·48	17 ·97	27
22	Mon.	17	10 ·63	4 ·83	22	22	Sun.	17	13 ·85	11 ·78	25	24	Sat.	18	—A ·52	... ...	28
23	Tues.	18	11 ·59	5 ·83	23	23	Mon.	18	14 ·93	12 ·89	26	25	Sun.	19	1 ·54	18 ·01	—29
24	Wed.	19	12 ·57	6 ·84	24	24	Tues.	19	... ...	... ...	27	26	Mon.	20	2 ·52	19 ·04	1
25	Thur.	20	13 ·58	7 ·87	25	25	Wed.	20	—A ·01	13 ·00	28	27	Tues.	21	3 ·50	20 ·05	2
26	Fri.	21	14 ·59	8 ·92	26	26	Thur.	21	1 ·09	14 ·11	—29	28	Wed.	22	4 ·46	21 ·03	3
27	Sat.	22	—A ·62	9 ·99	27	27	Fri.	22	2 ·17	15 ·20	1					22 ·01	
28	Sun.	23	1 ·68	... ...	28	28	Sat.	23	3 ·28	16 ·28	2	29	Thur.	23	5 ·40	23 ·97	4
29	Mon.	24	2 ·75	10 ·09	—29	29	Sun.	24	4 ·26	17 ·34	3	—30	Fri.	24	6 ·32	24 ·91	5
30	Tues.	25	3 ·84	11 ·19	1	30	Mon.	25	*Śukla.* 5 ·29	18 ·37	4	1	Sat.	25	7 ·23	25 ·85	6
—31	Wed.	26	4 ·93	12 ·29	2	—31	Tues.	26	6 ·27	19 ·40	5	2	Sun.	26	8 ·14	26 ·78	7
1	Thur.	27	... ...	13 ·40	3	1	Wed.	27	7 ·25	20 ·40	6				9 ·04		
2	Fri.	28	*Śukla.* 5 ·01	14 ·50	4	2	Thur.	28	8 ·22	21 ·38	7	3	Mon.	27	10 ·94	27 ·71	8
3	Sat.	29	6 ·07	15 ·59	5	3	Fri.	29	9 ·15	22 ·34	8	4	Tues.	28	11 ·85	1 ·65	9
4	Sun.	30	7 ·12	16 ·60	6		Sat.	30	10 ·08 / 11 ·98	23 ·25	9	5	Wed.	29	12 ·76	2 ·59	10
5	Mon.	31	8 ·16	17 ·71	7								Thur.	30	13 ·68	3 ·52	11
	Aug.						**Oct.**						**Dec.**				
	Tues.	1	9 ·18	18 ·74	8	5	Sun.	1	12 ·89	24 ·24	10	7	Fri.	1	14 ·52	4 ·49	12
	Wed.	2	10 ·17	19 ·75	9	6	Mon.	2	13 ·80	25 ·17	11	8	Sat.	2	P ·56	5 ·46	13
8	Thur.	3	11 ·14	20 ·74	10	7	Tues.	3	14 ·71	26 ·10	12	9	Sun.	3	1 ·53	6 ·45	14
9	Fri.	4	12 ·10	21 ·72	11					27 ·03		10	Mon.	4	2 ·52	7 ·46	15
			13 ·03			8	Wed.	4	P ·61	1 ·97	13	11	Tues.	5	3 ·52	8 ·49	1
			13 ·95	22 ·68	12							12	Wed.	6	4 ·55	9 ·53	1
			P ·87	23 ·62	13	9	Thur.	5	1 ·51	2 ·91	14	13	Thur.	7	5 ·59	10 ·60	13
			1 ·77	24 ·56	14	10	Fri.	6	2 ·43	3 ·85	15	14	Fri.	8	6 ·67	11 ·70	14
			2 ·67	25 ·49	15	11	Sat.	7	3 ·35	4 ·80	16	15	Sat.	9	7 ·75	12 ·79	
			3 ·57	26 ·43	16	12	Sun.	8	4 ·30	5 ·80	17	16	Sun.	10	8 ·82	13 ·86	21
			4 ·47	27 ·36	17	13	Mon.	9	5 ·36	6 ·80	18	17	Mon.	11	9 ·95	... ...	22
			5 ·37	1 ·29	18	14	Tues.	10	6 ·25	7 ·81	19	18	Tues.	12	... ...		23
			6 ·29	2 ·23	19	15	Wed.	11	7 ·25	8 ·86	20	19	Wed.	13	*Bahula.* 10 ·00	15 ·11	24
			7 ·21	3 ·19	20	16	Thur.	12	8 ·27	9 ·92	21	20	Thur.	14	11 ·07	16 ·20	25
			8 ·15	4 ·17	21	17	Fri.	13	9 ·31	10 ·99	22	21	Fri.	15	12 ·[illegible]	17 ·28	26
			9 ·11	5 ·15	22	18	Sat.	14	10 ·37	... ...	23	22	Sat.	16	13 ·[illegible]	18 ·33	27
			Bahula. 10 ·09	6 ·16	23	19	Sun.	15	11 ·45	11 ·08	24	23	Sun.	17	14 ·18	19 ·36	28
			11 ·10	7 ·18	24	20	Mon.	16	12 ·54	12 ·19	25	24	Mon.	18	—A ·18	20 ·37	29
			12 ·11	8 ·23	25	21	Tues.	17	13 ·63	13 ·30	26	25	Tues.	19	1 ·15	21 ·36	
			13 ·16	9 ·31	26	22	Wed.	18	14 ·71	14 ·41	27	26	Wed.	20	2 ·11	22 ·35	
			14 ·20	10 ·39	27	23	Thur.	19	—A ·79	15 ·50	28				3 ·04		
			—A ·27	11 ·49	28				1 ·84	16 ·55	29	27	Thur.	21	4 ·97	22 ·30	
			1 ·35	12 ·59	29				2 ·88	17 ·60	—30						
			2 ·44	13 ·70	—30				3 ·90	18 ·70	1	28	Fri.	22	5 ·88	24 ·25	
			3 ·52	14 ·80	1				4 ·89	19 ·72	2				*Śukla.* 6 ·78	25 ·19	
			4 ·60	15 ·90	2				5 ·[illegible]	20 ·[illegible]	3				7 ·[illegible]	26 ·[illegible]	
			5 ·66	16 ·97	3				6 ·[illegible]	21 ·[illegible]					8 ·58	27 ·[illegible]	
			6 ·[illegible]	... ...	4				7 ·[illegible]	22 ·[illegible]						1 ·[illegible]	6
			7 ·71	17 ·05	5				8 ·[illegible]	23 ·[illegible]					9 ·[illegible]	2 ·[illegible]	7
			8 ·70	18 ·06	6				9 ·[illegible]	24 ·[illegible]					10 ·[illegible]	3 ·[illegible]	8
			9 ·67	19 ·07	7				10 ·[illegible]	25 ·[illegible]					11 ·[illegible]	4 ·[illegible]	9
			10 ·[illegible]	20 ·07	8				11 ·42	26 ·[illegible]					12 ·24	5 ·70	10
									12 ·32	27 ·[illegible]	10				13 ·20	6 ·78	11
															14 ·18	7 ·78	12

13. 1 [illegible] 14. Chit. 15. Śrāv. 16. Vish. 17. Anur. 18. Jyesh. 19. Mol. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1078. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·92.** **Śaka 1000.** **Kaliyuga 4179.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·88.** **(S. Cycle) Kālayukta**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Piṅgala.						*Piṅgala.*						*Kālayukta.*					
Makara—Tai.			*Bahula.* **Pausha.**		*H. 470 Jamāda'l ākhir.*	**Mīna—Phālguni.**			*Bahula.*		*H. 470 Sha'bān.*	**Vṛishabha—Vaigāśi.**			*Bahula.* **Vaiśākha.**		*H. 470 Shawwāl.*
9	Mon.	1	P 16	8 80	13	8	Thur.	1	P 53	12 69	13	8	Tues.	1	... ...	18 89	15
10	Tues.	2	1 17	9 84	14	9	Fri.	2	1 61	13 79	14	9	Wed.	2	2 02	19 94	16
11	Wed.	3	2 19	10 92	15	10	Sat.	3	2 69	14 91	15	10	Thur.	3	3 05	20 98	17
12	Thur.	4	3 25	... ...	16	11	Sun.	4	3 78	... ...	16	11	Fri.	4	4 05	21 99	18
13	Fri.	5	4 32	11 00	17	12	Mon.	5	4 86	15 01	17	12	Sat.	5	5 04	... ...	19
14	Sat.	6	5 39	12 09	18	13	Tues.	6	5 91	16 11	18	13	Sun.	6	{ 6 01	22 00 }	20
15	Sun.	7	6 48	13 20	19	14	Wed.	7	6 96	17 19	19				{ 7 95	23 17 }	
16	Mon.	8	7 57	14 30	20	15	Thur.	8	... ...	18 26	20	14	Mon.	7	8 89	24 93	21
17	Tues.	9	8 66	15 42	21	16	Fri.	9	7 00	19 32	21	15	Tues.	8	9 80	25 88	22
18	Wed.	10	9 72	16 51	22	17	Sat.	10	{ 8 01	20 34	22	16	Wed.	9	10 71	26 82	23
19	Thur.	11	10 78	17 58	23				{ 9 99			17	Thur.	10	11 61	27 75	24
20	Fri.	12	11 80	18 64	24	18	Sun.	11	10 97	21 35	23	18	Fri.	11	12 51	1 69	25
21	Sat.	13	12 82	19 68	25	19	Mon.	12	11 91	22 33	24	19	Sat.	12	13 41	2 62	26
22	Sun.	14	13 81	20 69	26	20	Tues.	13	12 85	23 30	25	20	Sun.	13	14 31	3 55	27
23	Mon.	15	14 78	21 70	27	21	Wed.	14	13 76	24 27	26	21	Mon.	14	—A 22	4 49	28
24	Tues.	16	—A 74	22 64	28	22	Thur.	15	14 67	25 21	27	22	Tues.	15	1 13	5 44	—29
25	Wed.	17	1 67	23 68	—29	23	Fri.	16	—A 57	26 14	28	23	Wed.	16	2 06	6 42	1
26	Thur.	18	2 60	24 59	1	24	Sat.	17	1 47	27 07	—29	24	Thur.	17	{ 3 00	7 40	2
27	Fri.	19	3 50	25 53	2	25	Sun.	18	2 37	{ 1 00 }	1				{ 4 96		
28	Sat.	20	4 40	26 47	3					{ 2 94 }		25	Fri.	18	5 94	8 40	3
29	Sun.	21	5 30	27 40	4	26	Mon.	19	*Sukla.* 3 27	3 88	2	26	Sat.	19	6 93	9 42	4
—30	Mon.	22	6 21	1 33	5	27	Tues.	20	4 18	4 83	3	27	Sun.	20	7 95	10 46	5
1	Tues.	23	7 12	2 26	6	28	Wed.	21	5 10	5 78	4	28	Mon.	21	8 99	11 53	6
			Sukla.		*H. 470 Rajab.*							29	Tues.	22	... ...	12 60	7
2	Wed.	24	{ 8 03	3 20	7	29	Thur.	22	{ 6 02	6 75	5	30	Wed.	23	9 06	13 70	8
			{ 9 95						{ 7 98								
3	Thur.	25	10 87	4 16	8	—30	Fri.	23	8 94	7 74	6	—31	Thur.	24	10 13	14 80	9
4	Fri.	26	11 83	5 12	9	1	Sat.	24	9 93	8 76	7	1	Fri.	25	11 21	15 91	10
5	Sat.	27	12 80	6 10	10	2	Sun.	25	10 93	9 79	8	2	Sat.	26	12 29	... ...	11
6	Sun.	28	13 78	7 10	11	3	Mon.	26	11 97	10 84	9	3	Sun.	27	13 77	16 02	12
7	Mon.	29	14 79	8 12	12	4	Tues.	27	.. ...	11 91	10	4	Mon.	28	14 43	17 12	13
8	Tues.	○30	P 82	9 16	13	5	Wed.	28	12 01	12 99	11	5	Tues.	29	P 48	18 19	14
9	Wed.	31	1 87	10 22	14	6	Thur.	29	13 08	... ...	12	6	Wed.	30	**Jyeshtha.** 1 51	19 25	15
						7	Fri.	30	14 16	13 10	13	7	Thur.	31	2 52	20 29	16
						8	Sat.	31	P 24	14 21	14						
	Feb.						**April.**						**June.**				
Piṅgala.						*Śārvarin.*					*H. 470 Ramazān.*	*Kālayukta.*					
Kumbha—Māsi.			*Bahula.*			**Mēshā—Chittirai.**			*Bahula.*			**Mithuna—Āni.**			*Bahula.*		
10	Thur.	1	2 93	11 30	15	9	Sun.	1	1 32	15 31	15	8	Fri.	1	3 51	21 31	17
11	Fri.	2	... ...	12 39	16	10	Mon.	2	2 39	16 41	16	9	Sat.	2	4 47	22 32	18
12	Sat.	3	3 02	13 49	17	11	Tues.	3	3 46	17 50	17	10	Sun.	3	5 43	23 30	19
13	Sun.	4	4 11	14 60	18	12	Wed.	4	4 51	18 58	18	11	Mon.	4	6 36	24 27	20
14	Mon.	5	5 19	15 71	19	13	Thur.	5	5 55	19 63	19	12	Tues.	5	7 28	25 22	21
15	Tues.	6	6 27	16 81	20	14	Fri.	6	6 55	20 66	20	13	Wed.	6	8 18	26 16	22
16	Wed.	7	7 ...	... ...	21		Sat.	7	7 53	21 67	21				{ 9 08		
17	Thur.	8	8 30	18 ...	22		Sun.	8	8 50	22 ...	22	14	Thur.	7	{ 10 98	27 10	23
18	Fri	9	9 42	19 99	23		Mon.	9	9 44	23 64	23						
19	Sat.	10	10 44	... ...	24		Tues.	10	10 38	24 60	24	15	Fri.	8	11 88	{ 1 93 }	24
20	Sun.	11	11 42	20 02	25		Wed.	11	11 30	25 55	25					{ 2 96 }	
21	Mon.	12	12 38	21 02	26		Thur.	12	12 21	26 48	26	16	Sat.	9	12 78	... ...	25
				22 00					{ 14 02			17	Sun.	10	13 68	1 83	26
22	Tues.	13	13 24	{ 28 97 }	27	21	Fri.	13	13 11	27 41	27	18	Mon.	11	14 59	3 79	27
									{ 14 02			19	Tues.	12	—A 52	6 75	28
23	Wed.	14	14 27	22 92	28	22	Sat.	14	{ A 90	1 ...	28	20	Wed.	13	1 46	7 72	29
24	Thur.	15	—A 20	23 87	29	23	Sun.	15	1 81	2 28	29	21	Thur.	14	2 42	8 ...	...
25	Fri.	16	1 11	24 81	—30	24	Mon.	16	2 72	3 22	—30	22	Fri.	15	3 40	9 73	1
26	Sat.	17	2 01	25 74	1	25	Tues.	17	3 63	4 16	1	23	Sat.	16	4 41	10 ...	...
						26	Wed.	18	4 56	5 11	2	24	Sun.	17	5 43	11 68	
27	Sun.	18	3 91	26 66	2	27	Thur.	19	5 50	6 08	3	25	Mon.	18	6 48	12 01	
28	Mon.	19	4 81	27 60	3	28	Fri.	20	6 47	7 07	4	26	Tues.	19	7 53	... ...	
29	Tues.	20	5 71	28 54	4	29	Sat.	21	7 45	8 08	5	27	Wed.	20	8 60	13 00	6
—30	Wed.	21	6 31	29 47	5	30	Sun.	22	8 43	9 10	6	28	Thur.	21	9 67	14 10	
1	Thur.	22	7 54	1 40	6	—31	Mon.	23	9 43	10 12	7	29	Fri	22	10 75	... ...	7
2	Fri	23	8 47	5 46	7		Tues.	24	10 58	11 21	8	30	Sat.	23	11 84	15 32	8
3	Sat.	24	9 43	6 13	8	2	Wed.	25	11 ...	12 ...	9	31	Sun	24	12 91	1 42	10
4	Sun.	25	10 39	7 42	9	3	Thur.	26	12 66	13 40	10	—32	Mon	25	13 96	18 80	
5	Mon.	26	11 32	9 47	10	4	Fri.	27	13 75	14 50	11	1	Tues.	26	15 99	19 16	12
6	Tues.	27	12 62	10 53	11	5	Sat.	28	14 83	15 61	12	2	Wed.	27	... ...	20 ...	13
7	Wed.	28	P 14 48	11 60	12	6	Sun.	29	P 90	16 71	13	3	Thur.	28	P 01	21 ...	14
						7	Mon.	30	1 97	17 81	14				{ 2 98		
												4	Fri	29	2 95	22 65	15
												5	Sat	30	3 90	23 63	16

Nakshatras:—1. Aśvin 2 Bhar[illegible] 4. Rohi. 5. Mrig 6. Ardrā 7 Punar 8. Push. 9. Aslesh. 10. Magh 11. P Phal. 12 U Phal 13. H. 470 Zil-ḥijja. P. Bhad 26 U. Bhad. 27

A.D. 1078. **Kollam 254,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 471.** Commences **July 14.** **Vikrama 1135.** **Bengal San. 484.** **(N. Cycle) Raudra.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	4 ·84	24 ·60	17	6	Sat.	1	7 ·22	5 ·79	20	6	Thur.	1	9 ·17	11 ·39	22
7	Mon.	2	5 ·76	25 ·55	18	7	Sun.	2	8 ·13	6 ·74	21	7	Fri.	2	10 ·19	12 ·44	23
8	Tues.	3	6 ·66	26 ·50	19	8	Mon.	3	9 ·07	7 ·71	22	8	Sat.	3	11 ·23	13 ·52	24
9	Wed.	4	7 ·56	27 ·44	20	9	Tues.	4	10 ·01	8 ·70	23	9	Sun.	4	12 ·30	14 ·61	25
10	Thur.	5	8 ·46	1 ·37	21				11 ·96			10	Mon.	5	13 ·38	15 ·71	26
11	Fri.	6	9 ·36	2 ·30	22	10	Wed.	5	12 ·95	9 ·70	24	11	Tues.	6	14 ·47	16 ·82	27
12	Sat.	7	10 ·26	3 ·23	23	11	Thur.	6	13 ·94	10 ·72	25	12	Wed.	7	—A ·56	17 ·93	28
13	Sun.	8	11 ·17	4 ·17	24	12	Fri.	7	14 ·97	11 ·76	26	13	Thur.	8	1 ·64	... ...	—29
14	Mon.	9	12 ·08	5 ·12	25	13	Sat.	8	... ...	12 ·82	27	14	Fri.	9	2 ·71	18 ·03	1
15	Tues.	10	13 ·01	6 ·08	26	14	Sun.	9	—A ·01	13 ·91	28	15	Sat.	10	3 ·77	19 ·11	2
			14 ·95			15	Mon.	10	1 ·07	... ...	—29	16	Sun.	11	4 ·81	20 ·18	3
16	Wed.	11	—A ·91	7 ·05	27	16	Tues.	11	2 ·15	14 ·01	1	17	Mon.	12	5 ·82	21 ·22	4
17	Thur.	12	1 ·90	8 ·04	28	17	Wed.	12	3 ·24	15 ·11	2	18	Tues.	13	6 ·81	22 ·26	5
18	Fri.	13	2 ·89	9 ·06	—29	18	Thur.	13	4 ·33	16 ·22	3	19	Wed.	14	7 ·78	23 ·27	6
19	Sat.	14	3 ·90	10 ·09	1	19	Fri.	14	5 ·41	17 ·32	4	20	Thur.	15	8 ·74	24 ·25	7
20	Sun.	15	4 ·95	11 ·14	2	20	Sat.	15	6 ·49	18 ·42	5	21	Fri.	16	9 ·67	25 ·22	8
21	Mon.	16	... ...	12 ·21	3	21	Sun.	16	7 ·53	19 ·50	6	22	Sat.	17	10 ·60	26 ·18	9
22	Tues.	17	5 ·01	13 ·30	4	22	Mon.	17	8 ·57	20 ·56	7	23	Sun.	18	11 ·52	27 ·13	10
23	Wed.	18	6 ·09	14 ·40	5	23	Tues.	18	9 ·59	21 ·60	8	24	Mon.	19	12 ·42	1 ·07	11
24	Thur.	19	7 ·17	15 ·51	6	24	Wed.	19	10 ·58	22 ·61	9	25	Tues.	20	13 ·32	2 ·00	12
25	Fri.	20	8 ·25	16 ·62	7	25	Thur.	20	11 ·55	23 ·62	10					3 ·93	
26	Sat.	21	9 ·33	17 ·72	8	26	Fri.	21	12 ·50	24 ·60	11	26	Wed.	21	14 ·22	4 ·86	13
27	Sun.	22	10 ·39	18 ·80	9	27	Sat.	22	13 ·44	25 ·56	12	27	Thur.	22	P ·13	5 ·81	14
28	Mon.	23	11 ·45	19 ·87	10	28	Sun.	23	14 ·36	26 ·51	13				1 ·04		
29	Tues.	24	12 ·47	20 ·93	11	29	Mon.	24	P ·28	27 ·45	14	28	Fri.	23	2 ·96	6 ·75	15
30	Wed.	25	13 ·49	21 ·96	12	30	Tues.	25	1 ·19	1 ·38	15	—29	Sat.	24	3 ·89	7 ·71	16
—31	Thur.	26	14 ·48	22 ·97	13				2 ·09			1	Sun.	25	4 ·85	8 ·68	17
1	Fri.○	27	P ·46	23 ·96	14	—31	Wed.	26	3 ·99	2 ·32	16	2	Mon.	26	5 ·81	9 ·66	18
2	Sat.	28	1 ·41	24 ·93	15	1	Thur.	27	4 ·89	3 ·25	17	3	Tues.	27	6 ·79	10 ·68	19
3	Sun.	29	2 ·34	25 ·89	16	2	Fri.	28	5 ·80	4 ·18	18	4	Wed.	28	7 ·81	11 ·71	20
4	Mon.	30	3 ·26	26 ·84	17	3	Sat.	29	6 ·71	5 ·12	19	5	Thur.	29	8 ·83	12 ·75	21
5	Tues.	31	4 ·17	27 ·78	18	4	Sun.	30	7 ·65	6 ·07	20	6	Fri.	30	9 ·88	13 ·82	22
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	5 ·08	1 ·71	19	5	Mon.	1	8 ·59	7 ·04	21	7	Sat.	1	10 ·95	14 ·91	23
			6 ·98			6	Tues.	2	9 ·55	8 ·02	22	8	Sun.	2	... ...	... ...	24
7	Thur.	2	7 ·88	2 ·64	20	7	Wed.	3	10 ·54	9 ·02	23	9	Mon.	3	11 ·04	15 ·00	25
8	Fri.	3	8 ·78	3 ·58	21	8	Thur.	4	11 ·55	10 ·03	24	10	Tues.	4	12 ·13	16 ·12	26
9	Sat.	4	9 ·68	4 ·51	22	9	Fri.	5	12 ·56	11 ·07	25	11	Wed.	5	13 ·21	17 ·23	27
10	Sun.	5	10 ·59	5 ·45	23	10	Sat.	6	13 ·60	12 ·14	26	12	Thur.	6	14 ·29	18 ·33	28
11	Mon.	6	11 ·52	6 ·41	24	11	Sun.	7	14 ·67	13 ·21	27	13	Fri.	7	—A ·36	19 ·41	29
12	Tues.	7	12 ·47	7 ·38	25	12	Mon.	8	—A ·74	14 ·31	28	14	Sat.	8	1 ·42	20 ·49	—30
13	Wed.	8	13 ·42	8 ·37	26	13	Tues.	9	1 ·84	15 ·41	29	15	Sun.	9	2 ·45	21 ·55	1
14	Thur.	9	14 ·41	9 ·38	27	14	Wed.	10	2 ·93	16 ·51	—30	16	Mon.	10	3 ·47	22 ·58	2
15	Fri.	10	—A ·41	10 ·40	28	15	Thur.	11	... ...	17 ·63	1	17	Tues.	11	4 ·45	23 ·59	3
16	Sat.	11	1 ·42	11 ·45	29	16	Fri.	12	3 ·01	18 ·72	2	18	Wed.	12	5 ·43	24 ·58	4
17	Sun.	12	2 ·46	12 ·52	—30	17	Sat.	13	4 ·08	19 ·80	3	19	Thur.	13	6 ·38	25 ·56	5
18	Mon.	13	3 ·51	13 ·60	1	18	Sun.	14	5 ·13	20 ·87	4	20	Fri.	14	7 ·31	26 ·52	6
19	Tues.	14	4 ·59	14 ·70	2	19	Mon.	15	6 ·17	21 ·91	5	21	Sat.	15	8 ·24	27 ·47	7
20	Wed.	15	5 ·67	15 ·81	3	20	Tues.	16	7 ·19	22 ·93	6	22	Sun.	16	9 ·16	1 ·41	8
21	Thur.	16	6 ·77	16 ·92	4	21	Wed.	17	8 ·18	23 ·94	7	23	Mon.	17	10 ·07	2 ·34	9
22	Fri.	17	7 ·85	... ...	5	22	Thur.	18	9 ·15	24 ·93	8				11 ·97		
23	Sat.	18	8 ·93	17 ·02	6	23	Fri.	19	10 ·11	25 ·89	9	24	Tues.	18	12 ·87	3 ·27	10
24	Sun.	19	9 ·97	18 ·11	7	24	Sat.	20	11 ·05	26 ·85	10	25	Wed.	19	13 ·77	4 ·21	11
25	Mon.	20	... ...	19 ·19	8				12 ·97			26	Thur.	20	14 ·68	5 ·14	12
26	Tues.	21	10 ·00	20 ·25	9	25	Sun.	21	13 ·89	27 ·79	11	27	Fri.	21	P ·61	6 ·08	13
27	Wed.	22	11 ·03	21 ·28	10	26	Mon.	22	14 ·80	1 ·73	12	28	Sat.	22	1 ·54	7 ·04	14
			12 ·01			27	Tues.	23	P ·70	2 ·66	13	29	Sun.	23	2 ·49	8 ·00	15
28	Thur.	23	13 ·98	22 ·29	11	28	Wed.	24	1 ·60	3 ·59	14	—30	Mon.	24	3 ·46	9 ·00	16
29	Fri.	24	14 ·93	23 ·98	12	29	Thur.	25	2 ·50	4 ·52	15	1	Tues.	25	4 ·45	10 ·00	17
30	Sat.	25	P ·87	24 ·67	13	—30	Fri.	26	3 ·41	5 ·46	16	2	Wed.	26	5 ·45	11 ·02	18
—31	Sun.	26	2 ·79	25 ·23	14	1	Sat.	27	4 ·34	6 ·42	17	3	Thur.	27	6 ·48	12 ·06	19
1	Mon.	27	2 ·71	26 ·18	15	2	Sun.	28	5 ·27	7 ·37	18	4	Fri.	28	7 ·54	13 ·13	20
2	Tues.	28	3 ·62	27 ·11	16	3	Mon.	29	6 ·20	8 ·35	19	5	Sat.	29	8 ·60	14 ·21	21
3	Wed.	29	4 ·51	1 ·04	17	4	Tues.	30	7 ·17	9 ·34	20	6	Sun.	30	9 ·69	15 ·31	22
4	Thur.	30	5 ·41	2 ·01	18	5	Wed.	31	8 ·16	10 ·35	21	7	Mon.	31	10 ·78	16 ·42	23
5	Fri.	31	6 ·31	4 ·85	19												

Kālayukta. **Karkataka—Ādi.** *Bahula.* **Āsh.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Śiṁha—Āvani.** *Kālayukta.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Āśvina.** *Sukla.* **Tulā—Aippaśi.** *Kālayukta.* **Kārttika.** *Bahula.* **Vṛśchika—Kārttigai.** *Kālayukta.* **Dhanus—Mārgali.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Bahula.*

H. 470 Zi-l-hijja. *H. 471 Muharram.* *H. 471 Safar.* *H. 471 Rabi-ul awwal.* *H. 471 Jamādi'l awwal.* *H. 471 Jamādi'l ākhir.*

Hasta. 14 Chi. 15 Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1079. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·18.** **Śaka 1001.** **Kaliyuga 4180.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·14.** **(S. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Tues.	1	11·87	17·52	24	8	Fri.	1	10·28	21·48	24	8	Wed.	1	12·18	27·15	26
9	Wed.	2	12·95	18·63	25	9	Sat.	2	11·31	22·53	25	9	Thur.	2	13·09	1·10	27
10	Thur.	3	... ...	19·72	26	10	Sun.	3	12·31	23·56	26				14·00	2·04	
11	Fri.	4	13·02	20·80	27	11	Mon.	4	13·30	24·57	27	10	Fri.	3	A·91	3·97	28
12	Sat.	5	14·07	21·86	28	12	Tues.	5	14·26	25·55	28	11	Sat.	4	1·81	4·90	—29
13	Sun.	6	—A·09	22·90	—29	13	Wed.	6	—A·21	26·52	—29	12	Sun.	5	2·71	5·84	1
14	Mon.	7	1·11	23·91	1	14	Thur.	7	1·14	27·48	1	13	Mon.	6	3·61	6·77	2
15	Tues.	8	2·09	24·91	2	15	Fri.	8	2·06	1·42	2	14	Tues.	7	4·52	7·71	3
16	Wed.	9	3·07	25·89	3				3·97			15	Wed.	8	5·44	8·66	4
17	Thur.	10	4·01	26·86	4	16	Sat.	9	4·87	2·36	3	16	Thur.	9	6·36	9·63	5
			5·95			17	Sun.	10	5·77	3·29	4	17	Fri.	10	7·31	10·62	6
18	Fri.	11	6·87	27·81	5	18	Mon.	11	6·67	4·22	5	18	Sat.	11	8·27	11·62	7
19	Sat.	12	7·79	1·74	6	19	Tues.	12	7·58	5·15	6	19	Sun.	12	9·26	12·64	8
20	Sun.	13	8·69	2·68	7	20	Wed.	13	8·49	6·09	7	20	Mon.	13	10·25	13·68	9
21	Mon.	14	9·59	3·62	8	21	Thur.	14	9·41	7·04	8	21	Tues.	14	11·27	14·74	10
22	Tues.	15	10·49	4·55	9					8·00		22	Wed.	15	12·33	15·82	11
23	Wed.	16	11·39	5·48	10	22	Fri.	15	10·33	9·97	9	23	Thur.	16	13·39	16·92	12
24	Thur.	17	12·31	6·42	11	23	Sat.	16	11·28	10·96	10	24	Fri.	17	14·46	... ...	13
25	Fri.	18	13·23	7·37	12	24	Sun.	17	12·25	11·97	11	25	Sat.	18	P·54	17·02	14
26	Sat.	19	14·17	8·33	13	25	Mon.	18	13·23	... ...	12	26	Sun.	19	1·62	18·13	15
27	Sun. ○	20	P·12	9·32	14	26	Tues.	19	14·24	12·01	13	27	Mon.	20	2·70	19·23	16
28	Mon.	21	1·08	10·32	15	27	Wed.	20	P·27	13·06	14	28	Tues.	21	3·76	20·33	17
—29	Tues.	22	2·08	11·34	16	28	Thur.	21	1·33	14·13	15	29	Wed.	22	4·82	21·41	18
1	Wed.	23	3·08	12·37	17	29	Fri.	22	2·40	15·21	16	30	Thur.	23	5·84	22·47	19
2	Thur.	24	4·12	13·43	18	—30	Sat.	23	3·47	16·31	17	—31	Fri.	24	6·85	23·51	20
3	Fri.	25	5·17	14·52	19	1	Sun.	24	4·56	17·43	18	1	Sat.	25	7·83	24·53	21
4	Sat.	26	6·24	15·61	20	2	Mon.	25	5·65	18·53	19	2	Sun.	26	8·80	25·53	22
5	Sun.	27	7·31	16·71	21	3	Tues.	26	6·73	19·63	20	3	Mon.	27	9·74	26·52	23
6	Mon.	28	8·40	17·82	22	4	Wed.	27	7·78	20·72	21	4	Tues.	28	10·68	27·48	24
7	Tues.	29	9·59	18·93	23	5	Thur.	28	8·83	21·79	22	5	Wed.	29	11·60	1·44	25
8	Wed.	30	10·57	... ...	24	6	Fri.	29	9·85	22·84	23	6	Thur.	30	12·50	2·38	26
9	Thur.	31	11·64	19·03	25	7	Sat.	30	10·85	23·88	24	7	Fri.	31	13·40	3·31	27
						8	Sun.	31	11·84	24·89	25						
		Feb.						**April.**						**June.**			
10	Fri.	1	12·69	20·11	26	9	Mon.	1	12·81	25·88	26	8	Sat.	1	14·30	4·25	28
11	Sat.	2	13·72	21·17	27	10	Tues.	2	13·75	26·85	27	9	Sun.	2	—A·20	5·18	29
12	Sun.	3	14·73	22·21	28	11	Wed.	3	14·68	27·81	28	10	Mon.	3	1·10	6·11	—30
13	Mon.	4	—A·71	23·23	29	12	Thur.	4	—A·60	1·76	29				2·00		
14	Tues.	5	1·69	24·24	—30	13	Fri.	5	1·50	2·70	—30	11	Tues.	4	3·92	7·05	1
15	Wed.	6	2·63	25·22	1	14	Sat.	6	2·40	3·63	1					8·00	
16	Thur.	7	3·56	26·19	2	15	Sun.	7	3·30	4·56	2	12	Wed.	5	4·84	9·97	2
17	Fri.	8	4·48	27·14	3	16	Mon.	8	4·20	5·49	3	13	Thur.	6	5·79	10·94	3
18	Sat.	9	5·39	1·08	4	17	Tues.	9	5·11	6·44	4	14	Fri.	7	6·75	11·94	4
				2·02					6·02			15	Sat.	8	7·74	12·95	5
19	Sun.	10	6·30	3·95	5	18	Wed.	10	7·93	7·38	5	16	Sun.	9	8·73	13·99	6
20	Mon.	11	7·20	4·88	6	19	Thur.	11	8·86	8·33	6	17	Mon.	10	9·76	... ...	7
21	Tues.	12	8·10	5·82	7	20	Fri.	12	9·82	9·30	7	18	Tues.	11	10·80	14·04	8
			9·00			21	Sat.	13	10·78	10·28	8	19	Wed.	12	11·87	15·13	9
22	Wed.	13	10·91	6·75	8	22	Sun.	14	11·76	11·30	9	20	Thur.	13	12·94	16·22	10
23	Thur.	14	11·83	7·70	9	23	Mon.	15	12·76	12·32	10	21	Fri.	14	... ...	17·32	11
24	Fri.	15	12·77	8·67	10	24	Tues.	16	13·79	13·37	11	22	Sat.	15	13·01	18·43	12
25	Sat.	16	13·72	9·65	11	25	Wed.	17	14·85	14·43	12	23	Sun.	16	14·10	19·53	13
26	Sun.	17	14·69	10·64	12	26	Thur.	18	P·91	15·51	13	24	Mon.	17	P·18	20·64	14
27	Mon.	18	P·67	11·65	13	27	Fri.	19	1·98	16·62	14	25	Tues.	18	1·25	21·72	15
28	Tues.	19	1·67	12·69	14	28	Sat.	20	... ...	17·73	15	26	Wed.	19	2·29	22·78	16
29	Wed.	20	2·71	13·75	15	29	Sun.	21	2·06	18·83	16	27	Thur.	20	3·32	23·83	17
—30	Thur.	21	3·76	14·82	16	30	Mon.	22	3·14	19·93	17	28	Fri.	21	4·33	24·85	18
1	Fri.	22	4·85	15·91	17	—31	Tues.	23	4·23	... ...	18	29	Sat.	22	5·30	25·87	19
2	Sat.	23	5·93	... ..	18	1	Wed.	24	5·29	20·02	19	30	Sun.	23	6·27	26·85	20
3	Sun.	24	... ..	16·01	19	2	Thur.	25	6·34	21·10	20	31	Mon.	24	7·22	27·82	21
4	Mon.	25	6·01	17·12	20	3	Fri.	26	7·35	22·16	21	—32	Tues.	25	8·16	1·77	22
5	Tues.	26	7·09	18·23	21	4	Sat.	27	8·37	23·20	22				9·07		
6	Wed.	27	8·17	19·33	22	5	Sun.	28	9·35	24·21	23	1	Wed.	26	10·98	2·71	23
7	Thur.	28	9·23	20·42	23	6	Mon.	29	10·31	25·21	24	2	Thur.	27	11·88	3·66	24
						7	Tues.	30	11·26	26·18	25	3	Fri.	28	12·78	4·59	25
												4	Sat.	29	13·68	5·52	26
												5	Sun.	30	14·58	6·45	27

Kōlayukta. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 471 *Rajab.*
Kōlayukta. **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 471 *Sha'bān.*
Siddhārtin. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 471 *Ramazān.*
Kālayukta. **Mina—Panguni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 471 *Shawwāl.*
Siddhārtin. **Vrishabha—Vaigāśi.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 471 *Zi-l-ka'da.*
Siddhārtin. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H.* 471 *Zi-l-hijja.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1079. **Kollam 255,** **Hijra 472.** **Vikrama 1136.**
A—Amāvāsyā. Commences {**N. Malabar—Aug.** / **S. Malabar—July.** Commences **July 4.** **Bengal San. 485.**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	—**A** ·49	7 ·38	28	5	Sun.	1	3 ·28	... ...	1	6	Fri.	1	5 ·93	20 ·14	3
7	Tues.	2	1 ·40	8 ·33	29	6	Mon.	2	4 ·33	15 ·04	2	7	Sat.	2	... ..	21 ·25	4
8	Wed.	3	2 ·33	9 ·30	—30	7	Tues.	3	5 ·38	16 ·12	3	8	Sun.	3	6 ·00	22 ·33	5
9	Thur.	4	3 ·27	10 ·27	1	8	Wed.	4	6 ·46	17 ·23	4	9	Mon.	4	7 ·05	23 ·40	6
10	Fri.	5	4 ·23	11 ·26	2	9	Thur.	5	7 ·56	18 ·33	5	10	Tues.	5	8 ·09	24 ·44	7
11	Sat.	6	5 ·21	12 ·27	3	10	Fri.	6	8 ·64	19 ·44	6	11	Wed.	6	9 ·11	25 ·47	8
12	Sun.	7	6 ·21	13 ·30	4	11	Sat.	7	9 ·71	20 ·54	7	12	Thur.	7	10 ·09	26 ·49	9
13	Mon.	8	7 ·24	14 ·36	5	12	Sun.	8	10 ·78	21 ·63	8	13	Fri.	8	11 ·07	27 ·47	10
14	Tues.	9	8 ·27	15 ·43	6	13	Mon.	9	11 ·84	22 ·71	9	14	Sat.	9	12 ·02	1 ·44	11
15	Wed.	10	9 ·34	16 ·52	7	14	Tues.	10	12 ·87	23 ·78	10				13 ·96		
16	Thur.	11	10 ·41	17 ·62	8	15	Wed.	11	13 ·89	24 ·82	11	15	Sun.	10	14 ·88	2 ·40	12
17	Fri.	12	11 ·50	18 ·72	9	16	Thur.	12	14 ·87	25 ·83	12	16	Mon.	11	P ·80	3 ·34	13
18	Sat.	13	12 ·59	19 ·84	10	17	Fri.	13	P ·85	26 ·83	13	17	Tues.	12	1 ·70	4 ·29	14
19	Sun.	14	13 ·66	20 ·94	11	18	Sat.	14	1 ·81	27 ·81	14	18	Wed.	13	2 ·60	5 ·22	15
20	Mon.	15	14 ·72	.. ...	12	19	Sun.	15	2 ·74	1 ·78	15	19	Thur.	14	3 ·50	6 ·15	16
21	Tues.	16	P ·77	21 ·03	13	20	Mon.	16	3 ·66	2 ·73	16	20	Fri.	15	4 ·41	7 ·08	17
22	Wed.	17	1 ·81	22 ·09	14	21	Tues.	17	4 ·57	3 ·67	17	21	Sat.	16	5 ·32	8 ·01	18
23	Thur.	18	2 ·81	23 ·14	15	22	Wed.	18	5 ·47	4 ·60	18					9 ·97	
24	Fri.	19	3 ·80	24 ·18	16	23	Thur.	19	6 ·37	5 ·53	19	22	Sun.	17	6 ·24	10 ·92	19
25	Sat.	20	4 ·77	25 ·19	17	24	Fri.	20	7 ·27	6 ·47	20	23	Mon.	18	7 ·18	11 ·89	20
26	Sun.	21	5 ·72	26 ·18	18	25	Sat.	21	8 ·18	7 ·40	21	24	Tues.	19	8 ·13	12 ·83	21
27	Mon.	22	6 ·66	27 ·15	19	26	Sun.	22	9 ·09	8 ·34	22	25	Wed.	20	9 ·09	13 ·89	22
28	Tues.	23	7 ·57	1 ·10	20	27	Mon.	23	10 ·01	9 ·29	23	26	Thur.	21	10 ·09	14 ·92	23
29	Wed.	24	8 ·48	2 ·06	21				11 ·93			27	Fri.	22	11 ·09	15 ·97	24
30	Thur.	25	9 ·38	3 ·00	22	28	Tues.	24	12 ·89	10 ·25	24	28	Sat.	23	12 ·13	... ...	25
				4 ·93		29	Wed.	25	13 ·85	11 ·24	25	—29	Sun.	24	13 ·18	16 ·04	26
31	Fri.	26	10 ·28	5 ·86	23	—30	Thur.	26	14 ·84	12 ·24	26	1	Mon.	25	14 ·25	17 ·13	27
—32	Sat.	27	11 ·18	6 ·79	24	1	Fri.	27	—**A** ·84	13 ·25	27	2	Tues.	26	—**A** ·33	18 ·22	28
			12 ·08			2	Sat.	28	1 ·86	14 ·29	28	3	Wed.	27	1 ·42	19 ·33	29
1	Sun.	28	13 ·98	7 ·72	25	3	Sun.	29	2 ·91	15 ·35	29	4	Thur.	28	2 ·51	20 ·45	—30
2	Mon.	29	14 ·91	8 ·67	26	4	Mon.	30	3 ·97	16 ·43	—30	5	Fri.	29	3 ·58	21 ·55	1
3	Tues.	30	—**A** ·83	9 ·63	27							6	Sat.	30	4 ·65	22 ·63	2
4	Wed.	31	1 ·77	10 ·60	28												
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	2 ·74	11 ·58	29	5	Tues.	1	... ...	17 ·53	1	7	Sun.	1	5 ·71	23 ·71	3
6	Fri.	2	3 ·72	12 ·59	—30	6	Wed.	2	4 ·04	18 ·63	2	8	Mon.	2	6 ·75	24 ·76	4
7	Sat.	3	4 ·73	13 ·62	1	7	Thur.	3	5 ·13	19 ·73	3	9	Tues.	3	7 ·75	25 ·80	5
8	Sun.	4	5 ·75	14 ·67	2	8	Fri.	4	6 ·22	20 ·84	4	10	Wed.	4	8 ·74	26 ·81	6
9	Mon.	5	6 ·79	15 ·74	3	9	Sat.	5	7 ·31	21 ·94	5	11	Thur.	5	9 ·71	27 ·80	7
10	Tues.	6	7 ·85	16 ·82	4	10	Sun.	6	8 ·37	.. ...	6	12	Fri.	6	10 ·66	1 ·77	8
11	Wed.	7	8 ·95	17 ·92	5	11	Mon.	7	9 ·43	22 ·03	7	13	Sat.	7	11 ·60	2 ·73	9
12	Thur.	8	... ...	.. ...	6	12	Tues.	8	10 ·45	23 ·09	8	14	Sun.	8	12 ·52	3 ·69	10
13	Fri.	9	9 ·01	18 ·03	7	13	Wed.	9	11 ·48	24 ·13	9	15	Mon.	9	13 ·44	4 ·63	11
14	Sat.	10	10 ·09	19 ·14	8	14	Thur.	10	12 ·47	25 ·15	10	16	Tues.	10	14 ·34	5 ·56	12
15	Sun.	11	11 ·18	20 ·24	9	15	Fri.	11	13 ·45	26 ·15	11	17	Wed.	11	P ·24	6 ·49	13
16	Mon.	12	12 ·23	21 ·33	10	16	Sat.	12	14 ·39	27 ·15	12	18	Thur.	12	1 ·14	7 ·42	14
17	Tues.	13	13 ·28	22 ·40	11	17	Sun.	13	P ·33	1 ·11	13				2 ·05		
18	Wed.	14	14 ·31	23 ·47	12	18	Mon.	14	1 ·25	2 ·07	14	19	Fri.	13	3 ·96	8 ·35	15
19	Thur.	15	P ·33	24 ·50	13	19	Tues.	15	2 ·17	3 ·01	15	20	Sat.	14	4 ·89	9 ·30	16
20	Fri.	16	1 ·32	25 ·51	14					4 ·94		21	Sun.	15	5 ·82	10 ·26	17
21	Sat.	17	2 ·29	26 ·50	15				3 ·08			22	Mon.	16	6 ·77	11 ·22	18
22	Sun.	18	3 ·25	27 ·48	16	20	Wed.	16	4 ·95	5 ·83	16	23	Tues.	17	7 ·75	12 ·21	19
23	Mon.	19	4 ·18	1 ·44	17	21	Thur.	17	5 ·88	6 ·81	17	24	Wed.	18	8 ·73	13 ·21	20
24	Tues.	20	5 ·10	2 ·39	18	22	Fri.	18	6 ·78	7 ·74	18	25	Thur.	19	9 ·74	14 ·24	21
			6 ·01			23	Sat.	19	7 ·70	8 ·68	19	26	Fri.	20	10 ·77	15 ·28	22
25	Wed.	21	7 ·91	3 ·33	19	24	Sun.	20	8 ·62	9 ·63	20	27	Sat.	21	11 ·82	16 ·35	23
26	Thur.	22	8 ·81	4 ·26	20	25	Mon.	21	9 ·54	10 ·59	21	28	Sun.	22	12 ·90	17 ·43	24
27	Fri.	23	9 ·71	5 ·19	21	26	Tues.	22	10 ·49	11 ·57	22	29	Mon.	23	13 ·98	18 ·52	25
28	Sat.	24	10 ·61	6 ·12	22	27	Wed.	23	11 ·46	12 ·56	23	—30	Tues.	24	... ..	19 ·64	26
29	Sun.	25	11 ·51	7 ·07	23	28	Thur.	24	12 ·45	13 ·57	24	1	Wed.	25	14 ·07	20 ·74	27
				8 ·01		29	Fri.	25	13 ·45	14 ·60	25	2	Thur.	26	—**A** ·16	21 ·85	28
30	Mon.	26	12 ·43	9 ·96	24	—30	Sat.	26	14 ·48	15 ·66	26	3	Fri.	27	1 ·24	22 ·94	—29
—31	Tues.	27	13 ·36	10 ·93	25	1	Sun.	27	—**A** ·52	16 ·74	27	4	Sat.	28	2 ·31	.. ...	1
1	Wed.	28	14 ·31	11 ·91	26	2	Mon.	28	1 ·59	17 ·83	28	5	Sun.	29	3 ·35	23 ·01	2
2	Thur.	29	—**A** ·27	12 ·92	27	3	Tues.	29	2 ·68	18 ·93	—29	6	Mon.	30	4 ·39	24 ·08	3
3	Fri.	30	1 ·25	13 ·94	28	4	Wed.	30	3 ·77	.. ...	1	7	Tues.	31	5 ·39	25 ·12	4
4	Sat.	31	2 ·25	14 ·98	—29	5	Thur.	31	4 ·85	19 ·03	2						

Śiddhārtin. **Karkaṭaka—Ādi.** *Śrāvana.* *Sukla.* *Bahula.* *H. 472 Muharram.*

Śiddhārtin. **Siṁha—Āvani.** **Bhādrapada.** *Sukla.* *Bahula.* *H. 472 Śafar.*

Śiddhārtin. **Kanyā—Puraṭṭāśi.** *Sukla.* *Bahula.* *H. 472 Rabi-ul awwal.*

Śiddhārtin. **Tulā—Aippaśi.** **Kārttika.** *Sukla.* *Bahula.* *H. 472 Rabi-ul ākhir.*

Śiddhārtin. **Vṛiśchika—Kārttigai.** **Mārgaśirsha.** *Sukla.* *Bahula.* *H. 472 Jamāda'l awwal.*

Śiddhārtin. **Dhanus—Mārgali.** **Pausha.** *Sukla.* *Bahula.* *H. 472 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24 Satab

A.D. 1080. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·44.** **Śaka 1002.** **Kaliyuga 4181.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·40.** **(S. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Wed.	1	6 ·39	26 ·13	5	9	Sun.	1	7 ·27	5 ·57	6	9	Fri.	1	10 ·69	12 ·85	8
9	Thur.	2	7 ·35	27 ·13	6	10	Mon.	2	8 ·17	6 ·51	7	10	Sat.	2	11 ·64	13 ·83	9
10	Fri.	3	8 ·31	1 ·10	7	11	Tues.	3	9 ·07	7 ·44	8	11	Sun.	3	12 ·60	14 ·83	10
11	Sat.	4	9 ·23	2 ·08	8				10 ·97			12	Mon.	4	13 ·58	15 ·86	11
12	Sun.	5	10 ·15	3 ·02	9	12	Wed.	4	11 ·87	8 ·37	9	13	Tues.	5	14 ·57	16 ·90	12
				4 ·96		13	Thur.	5	12 ·78	9 ·31	10	14	Wed.	6	P ·61	17 ·96	13
13	Mon.	6	11 ·07	5 ·90	10	14	Fri.	6	13 ·70	10 ·25	11	15	Thur.	7	1 ·66	... ...	14
			12 ·97			15	Sat.	7	14 ·63	11 ·22	12	16	Fri.	8	2 ·73	18 ·04	15
14	Tues.	7	13 ·87	6 ·83	11	16	Sun.	8	P ·59	12 ·19	13	17	Sat.	9	3 ·80	19 ·13	16
15	Wed.	8	14 ·77	7 ·76	12	17	Mon.	9	1 ·56	13 ·18	14	18	Sun.	10	4 ·89	20 ·24	17
16	Thur.	9	P ·68	8 ·70	13	18	Tues.	10	2 ·55	14 ·19	15	19	Mon.	11	5 ·97	21 ·35	18
17	Fri.	10	1 ·59	9 ·64	14	19	Wed.	11	3 ·55	15 ·22	16	20	Tues.	12	... ...	22 ·45	19
18	Sat.	11	2 ·51	10 ·59	15	20	Thur.	12	4 ·59	16 ·28	17	21	Wed.	13	6 ·04	23 ·55	20
19	Sun.	12	3 ·45	11 ·55	16	21	Fri.	13	5 ·64	17 ·35	18	22	Thur.	14	7 ·10	24 ·62	21
20	Mon.	13	4 ·41	12 ·53	17	22	Sat.	14	6 ·71	18 ·43	19	23	Fri.	15	8 ·14	25 ·69	22
21	Tues.	14	5 ·38	13 ·54	18	23	Sun.	15	7 ·79	19 ·53	20	24	Sat.	16	9 ·18	26 ·73	23
22	Wed.	15	6 ·36	14 ·56	19	24	Mon.	16	8 ·87	20 ·64	21	25	Sun.	17	10 ·17	27 ·75	24
23	Thur.	16	7 ·37	15 ·59	20	25	Tues.	17	9 ·96	21 ·74	22	26	Mon.	18	11 ·16	1 ·75	25
24	Fri.	17	8 ·42	16 ·65	21	26	Wed.	18	... ...	22 ·85	23	27	Tues.	19	12 ·12	2 ·73	26
25	Sat.	18	9 ·47	17 ·73	22	27	Thur.	19	10 ·04	23 ·94	24	28	Wed.	20	13 ·07	3 ·70	27
26	Sun.	19	10 ·53	18 ·83	23	28	Fri.	20	11 ·10	... ...	25				14 ·99		
27	Mon.	20	11 ·61	19 ·94	24	29	Sat.	21	12 ·14	24 ·01	26	29	Thur.	21	A ·91	4 ·65	28
28	Tues.	21	12 ·71	... ...	25	—30	Sun.	22	13 ·16	25 ·06	27	30	Fri.	22	1 ·82	5 ·59	29
—29	Wed.	22	13 ·79	20 ·04	26	1	Mon.	23	14 ·17	26 ·09	28	31	Sat.	23	2 ·72	6 ·53	—30
1	Thur.	23	14 ·87	21 ·15	27	2	Tues.	24	—A ·15	27 ·11	29	—32	Sun.	24	3 ·62	7 ·46	1
2	Fri.	24	A ·94	22 ·24	28	3	Wed.	25	1 ·12	1 ·10	—30	1	Mon.	25	4 ·52	8 ·39	2
3	Sat.	25	1 ·99	23 ·33	29	4	Thur.	26	2 ·06	2 ·07	1	2	Tues.	26	5 ·42	9 ·33	3
4	Sun.	26	... ...	24 ·39	—30				3 ·00	3 ·03		3	Wed.	27	6 ·32	10 ·27	4
5	Mon.	27	2 ·01	25 ·43	1	5	Fri.	27	4 ·91	4 ·97	2	4	Thur.	28	7 ·23	11 ·22	5
6	Tues.	28	3 ·02	26 ·45	2	6	Sat.	28	5 ·81	5 ·92	3	5	Fri.	29	8 ·16	12 ·18	6
7	Wed.	29	4 ·01	27 ·45	3	7	Sun.	29	6 ·71	6 ·85	4	6	Sat.	30	9 ·11	13 ·15	7
			5 ·97			8	Mon.	30	7 ·61	7 ·78	5	7	Sun.	31	10 ·08	14 ·16	8
8	Thur.	30	6 ·92	1 ·43	4	9	Tues.	31	8 ·51	8 ·71	6						
9	Fri.	31	7 ·85	2 ·41	5												
	Feb.						**April.**						**June.**				
10	Sat.	1	8 ·77	3 ·36	6	10	Wed.	1	9 ·41	9 ·65	7	8	Mon.	1	11 ·05	15 ·17	9
11	Sun.	2	9 ·69	4 ·30	7	11	Thur.	2	10 ·32	10 ·60	8	9	Tues.	2	12 ·06	16 ·21	10
12	Mon.	3	10 ·59	5 ·23	8	12	Fri.	3	11 ·23	11 ·55	9	10	Wed.	3	13 ·09	17 ·26	11
13	Tues.	4	11 ·49	6 ·16	9	13	Sat.	4	12 ·17	12 ·52	10	11	Thur.	4	14 ·15	18 ·34	12
14	Wed.	5	12 ·39	7 ·10	10	14	Sun.	5	13 ·13	13 ·50	11	12	Fri. ○	5	P ·20	19 ·44	13
				8 ·04		15	Mon.	6	14 ·09	14 ·51	12	13	Sat.	6	1 ·27	20 ·54	14
15	Thur.	6	13 ·29	9 ·97	11	16	Tues.	7	P ·08	15 ·53	13	14	Sun.	7	2 ·36	21 ·65	15
16	Fri.	7	14 ·20	10 ·92	12	17	Wed.	8	1 ·08	16 ·59	14	15	Mon.	8	3 ·44	22 ·75	16
17	Sat.	8	P ·12	11 ·88	13	18	Thur.	9	2 ·13	17 ·65	15	16	Tues.	9	4 ·52	23 ·85	17
18	Sun.	9	1 ·05	12 ·87	14	19	Fri.	10	3 ·16	18 ·73	16	17	Wed.	10	5 ·58	24 ·94	18
19	Mon.	10	2 ·02	13 ·86	15	20	Sat.	11	4 ·23	19 ·83	17	18	Thur.	11	6 ·63	... ...	19
			3 ·99			21	Sun.	12	5 ·31	20 ·94	18	19	Fri.	12	7 ·65	25 ·00	20
20	Tues.	11	4 ·97	14 ·87	16	22	Mon.	13	6 ·39	... ...	19	20	Sat.	13	8 ·65	26 ·05	21
21	Wed.	12	5 ·98	15 ·91	17	23	Tues.	14	7 ·48	21 ·05	20	21	Sun.	14	9 ·64	27 ·07	22
22	Thur.	13	... ...	16 ·96	18	24	Wed.	15	8 ·57	22 ·15	21	22	Mon.	15	10 ·60	1 ·08	23
23	Fri.	14	6 ·02	... ...	19	25	Thur.	16	9 ·62	23 ·24	22	23	Tues.	16	11 ·55	2 ·07	24
24	Sat.	15	7 ·07	17 ·04	20	26	Fri.	17	10 ·66	24 ·32	23					3 ·04	
25	Sun.	16	8 ·14	18 ·13	21	27	Sat.	18	11 ·69	25 ·37	24	24	Wed.	17	12 ·47	4 ·99	25
26	Mon.	17	9 ·22	19 ·23	22	28	Sun.	19	12 ·69	26 ·42	25	25	Thur.	18	13 ·39	5 ·93	26
27	Tues.	18	10 ·31	20 ·34	23	29	Mon.	20	13 ·66	27 ·43	26	26	Fri.	19	14 ·29	6 ·87	27
28	Wed.	19	11 ·40	21 ·45	24	30	Tues.	21	14 ·63	1 ·43	27	27	Sat. ●	20	A ·19	7 ·80	28
29	Thur.	20	12 ·47	22 ·55	25	—31	Wed.	22	—A ·57	2 ·40	28				1 ·09		
—30	Fri.	21	13 ·53	23 ·64	26	1	Thur.	23	1 ·51	3 ·36	—29	28	Sun.	21	2 ·99	8 ·74	—29
1	Sat.	22	14 ·58	24 ·70	27	2	Fri.	24	2 ·42	4 ·32	1	29	Mon.	22	3 ·89	9 ·67	1
2	Sun.	23	—A ·62	25 ·75	28	3	Sat.	25	3 ·33	5 ·26	2	30	Tues.	23	4 ·80	10 ·60	2
3	Mon.	24	1 ·62	26 ·77	—29	4	Sun.	26	4 ·23	6 ·19	3	—31	Wed.	24	5 ·72	11 ·55	3
4	Tues.	25	2 ·60	27 ·78	1	5	Mon.	27	5 ·13	7 ·12	4	1	Thur.	25	6 ·64	12 ·51	4
5	Wed.	26	3 ·56	1 ·77	2				6 ·03	8 ·05		2	Fri.	26	7 ·60	13 ·49	5
6	Thur.	27	4 ·51	2 ·74	3	6	Tues.	28	7 ·93	9 ·99	5	3	Sat.	27	8 ·56	14 ·48	6
7	Fri.	28	5 ·44	3 ·69	4	7	Wed.	29	8 ·83	10 ·93	6	4	Sun.	28	9 ·53	15 ·49	7
8	Sat	29	6 ·36	4 ·64	5	8	Thur.	30	9 ·74	11 ·88	7	5	Mon.	29	10 ·55	16 ·52	8
												6	Tues.	30	11 ·57	17 ·57	9

Siddhārtin. **Makara—Tai.** Śukla. **Māgha.** Bahula. **Phālguna.** Śukla. **Phālguna.** Bahula. **Chaitra.** Śukla. **Chaitra.** Bahula. **Vaiśākha.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.**

Siddhārtin. **Kumbha—Māśi.** Śukla. **Māgha.** Bahula. **Phālguna.** Śukla. **Phālguna.** Bahula. **Chaitra.** Śukla. **Chaitra.** Bahula. **Vaiśākha.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.**

Siddhārtin. **Mina—Pāguni.** Bahula. **Chaitra.** Śukla. **Chaitra.** Bahula. **Vaiśākha.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.** Bahula. **Śrāvaṇa.**

Raudra. **Mēsha—Chittirai.** Śukla. **Chaitra.** Bahula. **Vaiśākha.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.** Bahula. **Śrāvaṇa.** Śukla. **Śrāvaṇa.**

Raudra. **Vṛish.—Vaigāśi.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.** Bahula. **Śrāvaṇa.** Śukla. **Śrāvaṇa.** Bahula. **Bhādrapada.**

Raudra. **Vṛishabha—Vaigāśi.** Śukla. **Vaiśākha.** Bahula. **Jyeshtha.** Śukla. **Jyeshtha.** Bahula. **Āshāḍha.** Śukla. **Āshāḍha.** Bahula. **Śrāvaṇa.** Śukla. **Śrāvaṇa.** Bahula. **Bhādrapada.** Śukla. **Bhādrapada.**

Raudra. **Mithuna—Āni.** Śukla. **Jyeshtha.** Bahula. **Jyeshtha.** Śukla. **Āshāḍha.** Bahula. **Āshāḍha.** Śukla. **Śrāvaṇa.** Bahula. **Śrāvaṇa.** Śukla. **Bhādrapada.** Bahula. **Bhādrapada.** Śukla. **Āśvina.**

H. 472 Rajab. H. 472 Sha'bān. H. 472 Ramzān. H. 472 Shawwāl. H. 472 Zi-l-ka'da. H. 472 Zi-l-hijja. H. 473 Muharram.

Naksh;—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1080. **Kollam 256,** { **N. Malabar—Aug.** **Hijra 473.** **Vikrama 1137.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences June 22. **Bengal San. 486.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Wed.	1	12 ·62	18 ·65	10	6	Tues.	1	**Bhād.** 14 ·10	25 ·93	13	7	Sun.	1	1 ·29	4 ·66	15
8	Thur.	2	13 ·67	19 ·74	11	7	Wed.	2	**P** ·14	26 ·99	14	8	Mon.	2	2 ·24	5 ·62	16
9	Fri.	3	14 ·75	20 ·84	12	8	Thur.	3	1 ·18	... ...	15	9	Tues.	3	3 ·17	6 ·56	17
10	Sat.	4	**P** ·83	21 ·95	13	9	Fri.	4	2 ·19	27 ·04	16	10	Wed.	4	4 ·08	7 ·50	18
11	Sun.	5	1 ·90	... ...	14	10	Sat.	5	3 ·17	1 ·05	17				5 ·99		
12	Mon.	6	2 ·98	22 ·05	15	11	Sun.	6	4 ·15	2 ·05	18	11	Thur.	5	6 ·89	8 ·43	19
13	Tues.	7	... ...	23 ·16	16					3 ·03		12	Fri.	6	7 ·79	9 ·37	20
14	Wed.	8	3 ·05	24 ·25	17	12	Mon.	7	5 ·10	4 ·99	19	13	Sat.	7	8 ·69	10 ·30	21
15	Thur.	9	4 ·10	25 ·31	18				6 ·03			14	Sun.	8	9 ·59	11 ·23	22
16	Fri.	10	5 ·13	26 ·36	19	13	Tues.	8	7 ·95	5 ·95	20	15	Mon.	9	10 ·52	12 ·18	23
17	Sat.	11	6 ·14	27 ·39	20	14	Wed.	9	8 ·86	6 ·89	21	16	Tues.	10	11 ·45	13 ·13	24
18	Sun.	12	7 ·12	1 ·40	21	15	Thur.	10	9 ·77	7 ·82	22	17	Wed.	11	12 ·40	14 ·11	25
19	Mon.	13	8 ·08	2 ·40	22	16	Fri.	11	10 ·67	8 ·75	23	18	Thur.	12	13 ·38	15 ·10	26
20	Tues.	14	9 ·04	3 ·37	23	17	Sat.	12	11 ·57	9 ·68	24	19	Fri.	13	14 ·36	16 ·11	27
			10 ·96			18	Sun.	13	12 ·47	10 ·62	25	20	Sat.	14	**A** ·38	17 ·14	28
21	Wed.	15	11 ·88	4 ·32	24	19	Mon.	14	13 ·38	11 ·56	26	21	Sun.	15	1 ·41	18 ·18	29
22	Thur.	16	12 ·79	5 ·27	25	20	Tues.	15	14 ·30	12 ·51	27	22	Mon.	16	2 ·47	19 ·26	30
23	Fri.	17	13 ·69	6 ·20	26	21	Wed.	16	**A** ·24	13 ·47	28	23	Tues.	17	3 ·53	20 ·35	1
24	Sat.	18	14 ·59	7 ·14	27	22	Thur.	17	1 ·18	14 ·45	29	24	Wed.	18	4 ·62	21 ·45	2
25	Sun.	19	**A** ·49	8 ·07	28	23	Fri.	18	2 ·15	15 ·46	30	25	Thur.	19	5 ·71	22 ·55	3
				9 ·00		24	Sat.	19	3 ·13	16 ·47	1	26	Fri.	20	6 ·79	23 ·66	4
26	Mon.	20	1 ·39	10 ·94	29	25	Sun.	20	4 ·15	17 ·51	2	27	Sat.	21	7 ·87	24 ·77	5
27	Tues.	21	2 ·30	11 ·88	30	26	Mon.	21	5 ·17	18 ·57	3	28	Sun.	22	8 ·94	25 ·86	6
28	Wed.	22	3 ·22	12 ·85	1	27	Tues.	22	6 ·21	19 ·64	4	29	Mon.	23	... ...	26 ·93	7
29	Thur.	23	4 ·14	13 ·82	2	28	Wed.	23	7 ·27	20 ·74	5	30	Tues.	24	9 ·00	27 ·98	8
30	Fri.	24	5 ·00	14 ·80	3	29	Thur.	24	8 ·36	21 ·85	6	1	Wed.	25	10 ·03	... ...	9
31	Sat.	25	6 ·06	15 ·81	4	30	Fri.	25	9 ·45	22 ·96	7	2	Thur.	26	11 ·04	1 ·01	10
32	Sun.	26	7 ·04	16 ·83	5	1	Sat.	26	10 ·53	... ...	8				12 ·02		
1	Mon.	27	8 ·05	17 ·89	6	2	Sun.	27	11 ·61	23 ·06	9	3	Fri.	27	13 ·98	2 ·03	11
2	Tues.	28	9 ·06	18 ·96	7	3	Mon.	28	12 ·68	24 ·16	10				14 ·94	3 ·02	
3	Wed.	29	10 ·11	... ...	8	4	Tues.	29	13 ·72	25 ·24	11	4	Sat.	28		4 ·99	12
4	Thur.	30	11 ·17	19 ·04	9	5	Wed.	30	14 ·76	26 ·31	12	5	Sun. ○	29	**P** ·87	5 ·95	13
5	Fri.	31	12 ·25	20 ·14	10							6	Mon.	30	1 ·80	6 ·90	14
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	13 ·34	21 ·24	11	6	Thur.	1	**P** ·77	27 ·35	13	7	Tues.	1	2 ·71	7 ·84	15
7	Sun.	2	14 ·43	22 ·36	12	7	Fri.	2	1 ·76	1 ·37	14	8	Wed.	2	3 ·62	8 ·78	16
8	Mon.	3	**P** ·49	23 ·46	13	8	Sat.	3	2 ·73	2 ·37	15	9	Thur.	3	4 ·52	9 ·71	17
9	Tues.	4	1 ·55	24 ·55	14	9	Sun.	4	3 ·69	3 ·36	16	10	Fri.	4	5 ·42	10 ·64	18
10	Wed.	5	2 ·60	25 ·62	15	10	Mon.	5	4 ·62	4 ·33	17	11	Sat.	5	6 ·33	11 ·57	19
11	Thur.	6	3 ·63	26 ·68	16	11	Tues.	6	5 ·54	5 ·28	18	12	Sun.	6	7 ·24	12 ·51	20
12	Fri.	7	4 ·65	27 ·71	17	12	Wed.	7	6 ·45	6 ·23	19	13	Mon.	7	8 ·16	13 ·48	21
13	Sat.	8	5 ·63	1 ·73	18	13	Thur.	8	7 ·36	7 ·16	20	14	Tues.	8	9 ·10	14 ·44	22
14	Sun.	9	6 ·60	2 ·72	19	14	Fri.	9	8 ·27	8 ·09	21	15	Wed.	9	10 ·05	15 ·43	23
15	Mon.	10	7 ·56	3 ·70	20					9 ·03		16	Thur.	10	11 ·02	16 ·43	24
16	Tues.	11	8 ·49	4 ·66	21	15	Sat.	10	9 ·17	10 ·96	22	17	Fri.	11	12 ·02	17 ·45	25
17	Wed.	12	9 ·40	5 ·60	22				10 ·07			18	Sat.	12	13 ·03	18 ·50	26
18	Thur.	13	10 ·31	6 ·55	23	16	Sun.	11	11 ·97	11 ·90	23	19	Sun.	13	14 ·05	19 ·57	27
19	Fri.	14	11 ·21	7 ·48	24	17	Mon.	12	12 ·89	12 ·84	24	20	Mon. ●	14	**A** ·11	20 ·65	28
20	Sat.	15	12 ·11	8 ·41	25	18	Tues.	13	13 ·83	13 ·80	25	21	Tues.	15	1 ·18	21 ·74	29
			13 ·01			19	Wed.	14	14 ·77	14 ·78	26	22	Wed.	16	2 ·27	22 ·85	1
21	Sun.	16	14 ·91	9 ·34	26	20	Thur.	15	**A** ·75	15 ·78	27	23	Thur.	17	3 ·36	23 ·97	2
22	Mon.	17	**A** ·82	10 ·28	27	21	Fri.	16	1 ·73	16 ·79	28	24	Fri.	18	4 ·45	... ...	3
23	Tues.	18	1 ·74	11 ·23	28	22	Sat.	17	2 ·75	17 ·82	29	25	Sat.	19	5 ·52	24 ·07	4
24	Wed.	19	2 ·67	12 ·18	29	23	Sun.	18	3 ·77	18 ·88	1	26	Sun.	20	6 ·58	25 ·16	5
25	Thur.	20	3 ·61	13 ·15	1	24	Mon.	19	4 ·82	19 ·95	2	27	Mon.	21	7 ·64	26 ·23	6
26	Fri.	21	4 ·58	14 ·13	2	25	Tues.	20	5 ·89	..	3	28	Tues.	22	8 ·67	27 ·29	7
27	Sat.	22	5 ·57	15 ·13	3	26	Wed.	21	6 ·97	20 ·05	4	29	Wed.	23	9 ·68	1 ·33	8
28	Sun.	23	6 ·58	16 ·16	4	27	Thur.	22	... ...	21 ·15	5	1	Thur.	24	10 ·66	2 ·35	9
29	Mon.	24	7 ·59	17 ·20	5	28	Fri.	23	7 ·06	22 ·25	6	2	Fri.	25	11 ·64	3 ·35	10
30	Tues.	25	8 ·64	18 ·26	6	29	Sat.	24	8 ·15	23 ·36	7	3	Sat.	26	12 ·58	4 ·32	11
31	Wed.	26	9 ·70	19 ·34	7	30	Sun.	25	9 ·23	24 ·46	8	4	Sun.	27	13 ·51	5 ·29	12
1	Thur.	27	10 ·77	20 ·44	8	1	Mon.	26	10 ·29	25 ·55	9	5	Mon.	28	14 ·44	6 ·23	13
2	Fri.	28	11 ·85	21 ·54	9	2	Tues.	27	11 ·34	26 ·62	10	6	Tues.	29	**P** ·34	7 ·18	14
3	Sat.	29	12 ·94	22 ·66	10	3	Wed.	28	12 ·39	27 ·67	11	7	Wed.	30	1 ·24	8 ·12	15
4	Sun.	30	... ...	23 ·76	11	4	Thur.	29	13 ·39	1 ·69	12					9 ·05	
5	Mon.	31	13 ·02	24 ·85	12	5	Fri.	30	14 ·38	2 ·70	13	8	Thur.	31	2 ·14	10 ·97	16
						6	Sat.	31	**P** ·34	3 ·69	14						

Raudra. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśīrsha.** *Sukla.* **Pausha.** *Sukla.*

Raudra. **Sinha—Āvani.** *Raudra.* **Kanyā—Purattāsi.** *Raudra.* **Tulā—Aippasi.** *Raudra.* **Vriśchika—Kārttigai.** *Raudra.* **Dhanus—Mārgali.** *Raudra.* **Makara—Tai.**

H. 473 Muharram. 23 *H. 473 Safar.* 13 *H. 473 Rabī-ul awwal.* 1 *H. 473 Rabī-ul awwal.* 20 *H. 473 Rabī-ul ākhir.* 18 *H. 473 Jamāda'l awwal.* 4 *H. 473 Jamāda'l ākhir.* 23 *H. 473 Rajab.* 14

18. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1081. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·70. **Śaka 1003.** **Kaliyuga 4182.**
Lunar Eclipse. ○ (Arya Sid.) March 23·66. (S. Cycle) Durmati.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Fri.	1	3 ·05 / 4 ·96	11 ·91	17	9	Mon.	1	4 ·89	15 ·41	17	8	Sat.	1	5 ·00	21 ·26	19
10	Sat.	2	5 ·87	12 ·86	18	10	Tues.	2	5 ·87	16 ·40	18	9	Sun.	2	6 ·06	22 ·35	20
11	Sun.	3	6 ·80	13 ·81	19	11	Wed.	3	6 ·85	17 ·41	19	10	Mon.	3	7 ·14	23 ·45	21
12	Mon.	4	7 ·74	14 ·77	20	12	Thur	4	7 ·88	18 ·44	20	11	Tues.	4	8 ·22	24 ·57	22
13	Tues.	5	8 ·69	15 ·75	21	13	Fri.	5	8 ·91	19 ·49	21	12	Wed.	5	9 ·31	25 ·67	23
14	Wed.	6	9 ·66	16 ·75	22	14	Sat.	6	9 ·96	20 ·56	22	13	Thur.	6	10 ·38	26 ·77	24
15	Thur.	7	10 ·65	17 ·78	23	15	Sun.	7	.. ..	21 ·65	23	14	Fri.	7	11 ·44	27 ·85	25
16	Fri.	8	11 ·67	18 ·81	24	16	Mon.	8	10 ·03	22 ·75	24	15	Sat.	8	12 ·48	1 ·90	26
17	Sat.	9	12 ·71	19 ·87	25	17	Tues.	9	11 ·11	23 ·86	25	16	Sun.	9	13 ·50	2 ·95	27
18	Sun.	10	13 ·76	20 ·95	26	18	Wed.	10	12 ·20	24 ·98	26	17	Mon.	10	14 ·50	3 ·97	28
19	Mon.	11	14 ·82	.. ...	27	19	Thur.	11	13 ·28	. ...	27	18	Tues.	11	—**A** ·48	4 ·97	29
20	Tues.	12	—**A** ·92	21 ·04	28	20	Fri.	12	14 ·36	25 ·06	28	19	Wed.	12	1 ·45	5 ·93	—30
21	Wed.	13	... ...	22 ·16	29	21	Sat.	13	—**A** ·41	26 ·16	29	20	Thur.	13	2 ·39	6 ·91	1
22	Thur.	14	1 ·01	23 ·26	—30	22	Sun.	14	1 ·46	27 ·23	—30	21	Fri.	14	3 ·31	7 ·86	2
23	Fri.	15	2 ·09	24 ·38	1	23	Mon.	15	2 ·47	1 ·28	1	22	Sat.	15	4 ·23	8 ·81	3
24	Sat.	16	3 ·16	25 ·46	2	24	Tues.	16	3 ·47	2 ·31	2	23	Sun.	16	5 ·13	9 ·75	4
25	Sun.	17	4 ·23	26 ·54	3	25	Wed.	17	4 ·46	3 ·32	3	24	Mon.	17	6 ·03 / 7 ·93	10 ·68	5
26	Mon.	18	5 ·28	27 ·60	4	26	Thur.	18	5 ·42	4 ·32	4	25	Tues.	18	8 ·83	11 ·61	6
27	Tues.	19	6 ·29	1 ·65	5	27	Fri.	19	6 ·36	5 ·29	5	26	Wed.	19	9 ·72	12 ·54	7
28	Wed.	20	7 ·32	2 ·67	6	28	Sat.	20	7 ·29	6 ·25	6	27	Thur.	20	10 ·63	13 ·49	8
29	Thur.	21	8 ·28	3 ·67	7	29	Sun.	21	8 ·21	7 ·19	7	28	Fri.	21	11 ·56	14 ·44	9
—30	Fri.	22	9 ·27	4 ·65	8	30	Mon.	22	9 ·12	8 ·13	8	29	Sat.	22	12 ·49	15 ·40	10
1	Sat.	23	10 ·20	5 ·62	9	—31	Tues.	23	10 ·02 / 11 ·92	9 ·07	9	30	Sun.	23	13 ·43	16 ·37	11
2	Sun.	24	11 ·18	6 ·58	10	1	Wed.	24	12 ·82	10 ·00 / 11 ·93	10	—31	Mon.	24	14 ·40	17 ·37	12
3	Mon.	25	12 ·06 / 13 ·97	7 ·52	11	2	Thur.	25	13 ·73	12 ·86	11	1	Tues.	○25	**P** ·39	18 ·39	13
4	Tues.	26	14 ·87	8 ·45	12	3	Fri.	26	14 ·64	13 ·81	12	2	Wed.	26	1 ·39	19 ·43	14
5	Wed.	27	**P** ·77	9 ·38	13	4	Sat.	27	**P** ·55	14 ·76	13	3	Thur.	27	2 ·43	20 ·48	15
6	Thur.	28	1 ·67	10 ·31	14	5	Sun.	28	1 ·48	15 ·74	14	4	Fri.	28	3 ·47	21 ·56	16
7	Fri.	29	2 ·58	11 ·25	15	6	Mon.	29	2 ·43	16 ·72	15	5	Sat.	29	4 ·53	22 ·65	17
8	Sat.	30	3 ·49	12 ·19	16	7	Tues.	30	3 ·41	17 ·73	16	6	Sun.	30	5 ·61	23 ·76	18
9	Sun.	31	4 ·41	13 ·14	17	8	Wed.	31	4 ·39	18 ·75	17	7	Mon.	31	6 ·69	24 ·87	19
	Feb.						**April.**						**June.**				
10	Mon.	1	5 ·35	14 ·10	18	9	Thur.	1	5 ·41	19 ·80	18	8	Tues.	1	7 ·77	25 ·97	20
11	Tues.	2	6 ·31	15 ·08	19	10	Fri.	2	6 ·44	20 ·87	19	9	Wed.	2	8 ·85	.. ...	21
12	Wed.	3	7 ·28	16 ·08	20	11	Sat.	3	7 ·45	21 ·95	20	10	Thur.	3	9 ·92	26 ·06	22
13	Thur.	4	8 ·27	17 ·09	21	12	Sun.	4	8 ·55	.. ...	21	11	Fri.	4	10 ·96	27 ·15	23
14	Fri.	5	9 ·28	18 ·13	22	13	Mon.	5	9 ·63	22 ·05	22	12	Sat.	5	11 ·97	1 ·22	24
15	Sat.	6	10 ·32	19 ·18	23	14	Tues.	6	10 ·73	23 ·16	23	13	Sun.	6	12 ·98	2 ·26	25
16	Sun.	7	11 ·37	20 ·25	24	15	Wed.	7	11 ·82	24 ·26	24	14	Mon.	7	13 ·96	3 ·29	26
17	Mon.	8	12 ·44	21 ·34	25	16	Thur.	8	12 ·88	25 ·37	25	15	Tues.	8	14 ·92	4 ·29	27
18	Tues.	9	13 ·53	22 ·45	26	17	Fri.	9	13 ·93	26 ·46	26	16	Wed.	9	—**A** ·86	5 ·28	28
19	Wed.	10	14 ·63	23 ·56	27	18	Sat.	10	14 ·99	27 ·54	27	17	Thur.	10	1 ·80	6 ·25	—29
20	Thur.	11	—**A** ·71	24 ·67	28	19	Sun.	11	... ...	1 ·59	28	18	Fri.	11	2 ·71	7 ·21	1
21	Fri.	12	1 ·78	25 ·76	—29	20	Mon.	12	—**A** ·01	2 ·63	—29	19	Sat.	12	3 ·61	8 ·15	2
22	Sat.	13	2 ·84	26 ·85	1	21	Tues.	13	1 ·01	3 ·65	1	20	Sun.	13	4 ·51	9 ·09	3
23	Sun.	14	3 ·87	27 ·92	2	22	Wed.	14	2 ·00 / 3 ·96	4 ·64	2	21	Mon.	14	5 ·40	10 ·02 / 11 ·95	4
24	Mon.	15	4 ·91	1 ·97	3	23	Thur.	15	4 ·89	5 ·62	3	22	Tues.	15	6 ·30	12 ·89	5
25	Tues.	16	5 ·91	2 ·99	4	24	Fri.	16	5 ·81	6 ·58	4	23	Wed.	16	7 ·20	13 ·82	6
26	Wed.	17	6 ·90	... ...	5	25	Sat.	17	6 ·73	7 ·53	5	24	Thur.	17	8 ·11	14 ·77	7
27	Thur.	18	7 ·86	3 ·00 / 4 ·98	6	26	Sun.	18	7 ·64	8 ·48	6	25	Fri.	18	9 ·03 / 10 ·97	15 ·73	8
28	Fri.	19	8 ·79	5 ·96	7	27	Mon.	19	8 ·54	9 ·41	7	26	Sat.	19	11 ·91	16 ·70	9
—29	Sat.	20	9 ·73	6 ·91	8	28	Tues.	20	9 ·44	10 ·34	8	27	Sun.	20	12 ·88	17 ·70	10
1	Sun.	21	10 ·65	7 ·86	9	29	Wed.	21	10 ·33	11 ·27	9	28	Mon.	21	13 ·86	18 ·71	11
2	Mon.	22	11 ·56	8 ·79	10	30	Thur.	22	11 ·24	12 ·20	10	29	Tues.	22	14 ·87	19 ·74	12
3	Tues.	23	12 ·46	9 ·72	11	—31	Fri.	23	12 ·15	13 ·14	11	30	Wed.	23	**P** ·91	20 ·79	13
4	Wed.	24	13 ·36	10 ·66	12	1	Sat.	24	13 ·06	14 ·10	12	31	Thur.	24	1 ·95	21 ·86	14
5	Thur.	25	14 ·26	11 ·59	13	2	Sun.	25	14 ·00 / **P** ·95	15 ·07	13	—32	Fri.	25	... ...	22 ·96	15
6	Fri.	26	**P** ·17	12 ·53	14	3	Mon.	26	1 ·92	16 ·05	14	1	Sat.	26	2 ·00	... ...	16
7	Sat.	27	1 ·08	13 ·47	15	4	Tues.	27	2 ·90	17 ·05	15	2	Sun.	27	3 ·08	23 ·06	17
8	Sun.	28	2 ·00 / 3 ·94	14 ·43	16	5	Wed.	28	3 ·91	18 ·07	16	3	Mon.	28	4 ·16	24 ·17	18
						6	Thur.	29	4 ·94	19 ·12	17	4	Tues.	29	5 ·24	25 ·27	19
						7	Fri.	30	... ...	20 ·18	18	5	Wed.	30	6 ·32	26 ·37	20

Rauḍra. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* *H. 473 Rajab.*

Rauḍra. **Kumbha—Māsi.** *Bahula.* **Māgha.** *Śukla.* *H. 473 Sha'bān.*

Durmati. **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *H. 473 Ramaḍān.*

Raudra. **Mīna—Paṅguni.** *Bahula.* **Phāl.** *Śukla.* *H. 473 Shawwāl.*

Durmati. **Vrishabha—Vaigāsi.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 473 Zi-l-ka'da.*

Durmati. **Mithuna—Āni.** *Bahula.* **Jyeshtha.** *Śukla.* *H. 473 Zi-l-ka'da.*

Durmati. **Kaṛka—Āḍi.** *Śukla.* **Āshāḍha.** *Bahula.* *H. 474 Muharram.*

Nakṣh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1081. **Kollam 257.** { **N. Malabar—Aug.** **Hijra 474.** **Vikrama 1138.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 11.** **Bengal San. 487.**
P—Paurnimā. **(N. Cycle) Raktāksha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Thur. 1	7 ·39	27 ·46	21	6	Wed. 1	10 ·33	7 ·21	24	7	Mon. 1	13 ·89	14 ·45	26
7	Fri. 2	8 ·44	1 ·53	22	7	Thur. 2	11 ·25	8 ·16	25	8	Tues. 2	14 ·81	15 ·40	27
8	Sat. 3	9 ·46	2 ·58	23	8	Fri. 3	12 ·15	9 ·11	26	9	Wed. 3	—**A** ·73	16 ·35	28
9	Sun. 4	10 ·46	3 ·61	24	9	Sat. 4	13 ·05	10 ·04	27	10	Thur. 4	1 ·69	17 ·32	29
10	Mon. 5	11 ·44	4 ·62	25			14 ·95	11 ·97		11	Fri. 5	2 ·66	18 ·33	—30
11	Tues. 6	12 ·40	5 ·61	26	10	Sun. 5	—**A** ·86	12 ·90	28	12	Sat. 6	3 ·65	19 ·33	1
12	Wed. 7	13 ·34	6 ·59	27	11	Mon. 6	1 ·76	13 ·83	29	13	Sun. 7	4 ·66	20 ·36	2
13	Thur. 8	14 ·28	7 ·54	28	12	Tues. 7	2 ·67	14 ·77	—30	14	Mon. 8	5 ·71	21 ·40	3
14	Fri. 9	—**A** ·20	8 ·49	29	13	Wed. 8	3 ·60	15 ·73	1	15	Tues. 9	6 ·76	22 ·47	4
15	Sat. 10	1 ·11	9 ·42	—30	14	Thur. 9	4 ·53	16 ·69	2	16	Wed. 10	7 ·82	23 ·57	5
	Durmati.				15	Fri. 10	5 ·47	17 ·67	3	17	Thur. 11	8 ·90	24 ·67	6
	Karkataka—Ādi.					*Durmati.*				18	Fri. 12	9 ·99	25 ·77	7
16	Sun. 11	2 ·01	10 ·35	1	16	Sat. 11	6 ·44	18 ·67	4	19	Sat. 13	:: ...	26 ·88	8
		3 ·91				**Kanyā—Purattāsi.**					*Durmati.*			
17	Mon. 12	4 ·81	11 ·29	2	17	Sun. 12	7 ·42	19 ·68	5	20	Sun. 14	10 ·08	27 ·98	9
18	Tues. 13	5 ·71	12 ·22	3	18	Mon. 13	8 ·44	20 ·73	6	21	Mon. 15	11 ·15	:: ...	10
19	Wed. 14	6 ·61	13 ·16	4	19	Tues. 14	9 ·47	21 ·79	7	22	Tues. 16	12 ·22	1 ·08	11
20	Thur. 15	7 ·53	14 ·10	5	20	Wed. 15	10 ·52	22 ·87	8	23	Wed. 17	13 ·28	2 ·15	12
21	Fri. 16	8 ·47	15 ·06	6	21	Thur. 16	11 ·58	23 ·96	9	24	Thur. 18	14 ·31	3 ·20	13
22	Sat. 17	9 ·41	16 ·04	7	22	Fri. 17	12 ·66	... ...	10	25	Fri.○ 19	**P** ·32	4 ·23	14
23	Sun. 18	10 ·37	17 ·02	8	23	Sat. 18	13 ·75	24 ·06	11	26	Sat. 20	1 ·30	5 ·24	15
24	Mon. 19	11 ·35	18 ·03	9	24	Sun. 19	14 ·83	25 ·18	12	27	Sun. 21	2 ·27	6 ·23	16
25	Tues. 20	12 ·36	19 ·05	10	25	Mon. 20	**P** ·91	26 ·28	13	28	Mon. 22	3 ·22	7 ·21	17
26	Wed. 21	13 ·39	20 ·10	11	26	Tues. 21	1 ·98	27 ·38	14	29	Tues. 23	4 ·16	8 ·17	18
27	Thur. 22	14 ·43	21 ·17	12	27	Wed. 22	.. ...	1 ·46	15			5 ·08		
28	Fri. 23	**P** ·50	22 ·26	13	28	Thur. 23	2 ·03	2 ·52	16	—30	Wed. 24	6 ·99	9 ·12	19
29	Sat. 24	1 ·57	23 ·36	14	29	Fri. 24	3 ·06	3 ·57	17					*H. 474 Jamāda'l ākhir.*
30	Sun. 25	2 ·66	24 ·46	15	30	Sat. 25	4 ·07	4 ·59	18				10 ·06	
—31	Mon. 26	3 ·74	25 ·57	16	—31	Sun. 26	5 ·06	5 ·59	19	1	Thur. 25	7 ·89	11 ·99	20
	Śrāvaṇa.			*H. 474 Safar.*					*H. 474 Rabī-ul ākhir.*					
1	Tues. 27	4 ·82	26 ·67	17	1	Mon. 27	6 ·02	6 ·58	20	2	Fri. 26	8 ·79	12 ·93	21
2	Wed. 28	5 ·88	27 ·77	18			7 ·98			3	Sat. 27	9 ·69	13 ·86	22
3	Thur. 29	6 ·92	1 ·84	19	2	Tues. 28	8 ·91	7 ·54	21	4	Sun. 28	10 ·60	14 ·79	23
4	Fri. 30	7 ·95	2 ·90	20	3	Wed. 29	9 ·83	8 ·50	22	5	Mon. 29	11 ·52	15 ·73	24
5	Sat. 31	8 ·96	3 ·93	21	4	Thur. 30	10 ·74	9 ·45	23	6	Tues. 30	12 ·44	16 ·69	25
	Aug.					**Oct.**					**Dec.**			
6	Sun. 1	9 ·95	4 ·94	22	5	Fri. 1	11 ·64	10 ·38	24	7	Wed. 1	13 ·38	17 ·66	26
7	Mon. 2	10 ·91	5 ·94	23	6	Sat. 2	12 ·54	11 ·31	25	8	Thur. 2	14 ·33	18 ·65	27
8	Tues. 3	11 ·86	6 ·92	24	7	Sun. 3	13 ·44	12 ·24	26	9	Fri.● 3	—**A** ·31	19 ·63	28
9	Wed. 4	12 ·79	7 ·88	25	8	Mon. 4	14 ·35	13 ·17	27	10	Sat. 4	1 ·30	20 ·67	—29
10	Thur. 5	13 ·70	8 ·82	26	9	Tues. 5	—**A** ·26	14 ·12	28	11	Sun. 5	2 ·31	21 ·71	1
11	Fri. 6	14 ·61	9 ·76	27	10	Wed. 6	1 ·18	15 ·06	—29	12	Mon. 6	3 ·35	22 ·79	2
12	Sat. 7	—**A** ·51	10 ·70	28	11	Thur. 7	2 ·12	16 ·02	1	13	Tues. 7	4 ·40	23 ·87	3
13	Sun. 8	1 ·41	11 ·63	—29				17 ·00		14	Wed. 8	5 ·48	24 ·96	4
14	Mon. 9	2 ·31	12 ·56	1	12	Fri. 8	3 ·06	18 ·99	2	15	Thur. 9	6 ·56	... ...	5
15	Tues. 10	3 ·22	13 ·50	2	13	Sat. 9	4 ·04	... ...	3	16	Fri. 10	7 ·65	25 ·07	6
16	Wed. 11	4 ·13	14 ·44	3	14	Sun. 10	5 ·03	19 ·01	4	17	Sat. 11	8 ·74	26 ·18	7
		5 ·04			15	Mon. 11	6 ·04	20 ·04	5	18	Sun. 12	9 ·81	27 ·28	8
17	Thur. 12	6 ·98	15 ·40	4	16	Tues. 12	7 ·06	21 ·10	6	19	Mon. 13	10 ·88	1 ·38	9
18	Fri. 13	7 ·92	16 ·36	5	17	Wed. 13	8 ·12	22 ·17	7	20	Tues. 14	11 ·93	2 ·45	10
19	Sat. 14	8 ·89	17 ·35	6	18	Thur. 14	9 ·19	23 ·26	8	21	Wed. 15	12 ·96	3 ·51	11
20	Sun. 15	9 ·87	18 ·35	7	19	Fri. 15	10 ·28	24 ·37	9	22	Thur. 16	13 ·96	4 ·55	12
21	Mon. 16	10 ·89	19 ·37	8	20	Sat. 16	11 ·37	25 ·47	10	23	Fri. 17	14 ·96	5 ·56	13
22	Tues. 17	11 ·91	20 ·41	9	21	Sun. 17	12 ·45	26 ·58	11	24	Sat. 18	**P** ·92	6 ·57	14
23	Wed. 18	12 ·96	21 ·48	10	22	Mon. 18	13 ·52	27 ·68	12	25	Sun. 19	1 ·86	7 ·54	15
24	Thur. 19	:: ...	22 ·56	11	23	Tues. 19	14 ·59	1 ·76	13	26	Mon. 20	2 ·80	8 ·51	16
25	Fri. 20	13 ·02	23 ·65	12	24	Wed. 20	**P** ·64	2 ·84	14	27	Tues. 21	3 ·72	9 ·45	17
26	Sat. 21	14 ·09	24 ·78	13	25	Thur. 21	1 ·67	3 ·89	15	28	Wed. 22	4 ·64	10 ·39	18
27	Sun. 22	**P** ·18	25 ·87	14	26	Fri. 22	2 ·68	4 ·91	16	—29	Thur. 23	5 ·53	11 ·34	19
28	Mon. 23	1 ·27	26 ·98	15	27	Sat. 23	3 ·67	5 ·92	17	1	Fri. 24	6 ·43	12 ·26	20
29	Tues. 24	2 ·35	... ...	16	28	Sun. 24	4 ·64	6 ·90	18	2	Sat. 25	7 ·33	13 ·19	21
30	Wed. 25	3 ·42	27 ·07	17	—29	Mon. 25	5 ·59	7 ·87	19	3	Sun. 26	8 ·24	14 ·13	22
—31	Thur. 26	4 ·46	1 ·15	18	1	Tues. 26	6 ·53	8 ·84	20	4	Mon. 27	9 ·16	15 ·07	23
1	Fri. 27	5 ·48	2 ·21	19	2	Wed. 27	7 ·44	9 ·78	21	5	Tues. 28	10 ·07	16 ·03	24
2	Sat. 28	6 ·49	3 ·25	20	3	Thur. 28	8 ·35	10 ·72	22				17 ·99	
3	Sun. 29	7 ·48	4 ·27	21	4	Fri. 29	9 ·26	11 ·65	23	6	Wed. 29	11 ·02	18 ·97	25
4	Mon. 30	8 ·45	5 ·27	22	5	Sat. 30	10 ·16	12 ·58	24			12 ·97		
5	Tues. 31	9 ·40	6 ·25	23	6	Sun. 31	11 ·06	13 ·52	25	7	Thur. 30	13 ·95	19 ·97	26
							12 ·97			8	Fri. 31	14 ·94	20 ·99	27

Durmati. **Śimha—Āvaṇi.** *Bahula.* *Śukla.* **Bhādrapada.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.* **Kārttika.** *Bahula.* *Śukla.* **Mārgaśīrsha.** *Bahula.* *Śukla.* **Pausha.** *Bahula.* *Durmati.* **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1082. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·96.** **Śaka 1004.** **Kaliyuga 4183.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·92.** **(S. Cycle) Dundubhi.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sat. 1	—A ·97	... ...	28	8	Tues. 1	14 ·34	25 ·97	28	8	Sun. 1	1 ·81	3 ·07	—30
10	Sun. 2	... ...	21 ·02	29	9	Wed. 2	—A ·43	... ...	29	9	Mon. 2	2 ·83	4 ·13	1
11	Mon. 3	1 ·00	22 ·09	—30	10	Thur. 3	1 ·52	26 ·08	—30	10	Tues. 3	3 ·82	5 ·16	2
12	Tues. 4	2 ·06	23 ·17	1	11	Fri. 4	2 ·60	27 ·19	1	11	Wed. 4	4 ·81	6 ·18	3
13	Wed. 5	3 ·13	24 ·26	2	12	Sat. 5	3 ·67	1 ·28	2	12	Thur. 5	5 ·77	7 ·19	4
14	Thur. 6	4 ·21	25 ·37	3	13	Sun. 6	4 ·72	2 ·37	3	13	Fri. 6	6 ·70	8 ·17	5
15	Fri. 7	*Sukla.* 5 ·30	26 ·47	4	14	Mon. 7	*Sukla.* 5 ·77	3 ·45	4	14	Sat. 7	*Sukla.* 7 ·62	9 ·13	6
16	Sat. 8	6 ·39	27 ·59	5	15	Tues. 8	6 ·79	4 ·50	5	15	Sun. 8	8 ·54	10 ·08	7
17	Sun. 9	7 ·47	1 ·68	6	16	Wed. 9	7 ·79	5 ·53	6	16	Mon. 9	9 ·45	11 ·02 12 ·97	8
18	Mon. 10	8 ·53	2 ·76	7	17	Thur. 10	8 ·77	6 ·54	7					
19	Tues. 11	9 ·58	3 ·82	8	18	Fri. 11	9 ·73	7 ·53	8	17	Tues. 10	10 ·34	13 ·90	9
20	Wed. 12	10 ·59	4 ·86	9	19	Sat. 12	10 ·67	8 ·51	9	18	Wed. 11	11 ·24	14 ·83	10
21	Thur. 13	11 ·60	5 ·89	10	20	Sun. 13	11 ·59	9 ·47	10	19	Thur. 12	12 ·14	15 ·76	11
22	Fri. 14	12 ·59	6 ·89	11	21	Mon. 14	12 ·51	10 ·41	11	20	Fri. 13	13 ·04 14 ·95	16 ·70	12
23	Sat. 15	13 ·55	7 ·87	12	22	Tues. 15	13 ·42	11 ·35	12					
24	Sun. 16	14 ·49	8 ·84	13	23	Wed. 16	14 ·32	12 ·28	13	21	Sat. ○14	P ·87	17 ·66	13
25	Mon. 17	P ·42	9 ·79	14	24	Thur. 17	P ·22	13 ·21	14	22	Sun. 15	1 ·81	18 ·62	14
26	Tues. 18	1 ·35	10 ·74	15	25	Fri. 18	1 ·12	14 ·15	15	23	Mon. 16	2 ·75	19 ·59	15
27	Wed. 19	2 ·25	11 ·67	16						24	Tues. 17	3 ·73	20 ·59	16
28	Thur. 20	3 ·15	12 ·60	17	26	Sat. 19	2 ·02 3 ·93	15 ·08	16	25	Wed. 18	4 ·71	21 ·60	17
29	Fri. 21	4 ·05 5 ·96	13 ·53	18	27	Sun. 20	4 ·85	16 ·03 17 ·98	17	26	Thur. 19	5 ·73	22 ·64	18
										27	Fri. 20	6 ·76	23 ·70	19
—30	Sat. 22	6 ·87	14 ·46	19	28	Mon. 21	5 ·78	18 ·95	18	28	Sat. 21	7 ·81	24 ·78	20
1	Sun. 23	7 ·78	15 ·41	20	29	Tues. 22	6 ·75	19 ·94	19	29	Sun. 22	8 ·88	25 ·87	21
2	Mon. 24	*Bahula.* 8 ·70	16 ·36	21	—30	Wed. 23	7 ·72	20 ·95	20	30	Mon. 23	*Bahula.* 9 ·95	26 ·97	22
3	Tues. 25	9 ·63	17 ·32	22	1	Thur. 24	*Bahula.* 8 ·71	21 ·97	21	—31	Tues. 24	... ...	... ...	23
4	Wed. 26	10 ·59	18 ·30	23	2	Fri. 25	9 ·73	... ...	22	1	Wed. 25	10 ·04	27 ·08	24
5	Thur. 27	11 ·58	19 ·29	24	3	Sat. 26	10 ·76	22 ·02	23	2	Thur. 26	11 ·12	1 ·19	25
6	Fri. 28	12 ·57	20 ·30	25	4	Sun. 27	11 ·81	23 ·08	24	3	Fri. 27	12 ·19	2 ·29	26
7	Sat. 29	13 ·58	21 ·35	26	5	Mon. 28	12 ·87	24 ·18	25	4	Sat. 28	13 ·25	3 ·37	27
8	Sun. 30	14 ·62	22 ·40	27	6	Tues. 29	13 ·96	25 ·27	26	5	Sun. 29	14 ·30	4 ·44	28
9	Mon. 31	—A ·68	23 ·47	28	7	Wed. 30	... ...	26 ·38	27	6	Mon. 30	—A ·31	5 ·48	29
					8	Thur. 31	14 ·05	27 ·48	28	7	Tues. 31	1 ·30	6 ·51	—30
	Feb.					**April.**					**June.**			
10	Tues. 1	1 ·74	24 ·56	—29	9	Fri. 1	—A ·14	1 ·58	—29	8	Wed. 1	*Sukla.* 2 ·29	7 ·51	1
11	Wed. 2	2 ·84	25 ·67	1	10	Sat. 2	1 ·22	2 ·68	1	9	Thur. 2	3 ·24	8 ·50	2
12	Thur. 3	3 ·93	26 ·78	2	11	Sun. 3	2 ·27	3 ·76	2	10	Fri. 3	4 ·19	9 ·47	3
13	Fri. 4	... ...	27 ·89	3	12	Mon. 4	3 ·30	4 ·81	3	11	Sat. 4	5 ·11	10 ·42	4
14	Sat. 5	4 ·01	1 ·98	4	13	Tues. 5	4 ·31	5 ·85	4					
15	Sun. 6	*Sukla.* 5 ·08	... ...	5	14	Wed. 6	*Sukla.* 5 ·32	6 ·86	5	12	Sun. 5	6 ·03 7 ·92	11 ·37	5
16	Mon. 7	6 ·14	2 ·07	6	15	Thur. 7	6 ·30	7 ·85	6					
17	Tues. 8	7 ·19	3 ·13	7	16	Fri. 8	7 ·27	8 ·84	7	13	Mon. 6	8 ·83	12 ·31	6
18	Wed. 9	8 ·21	4 ·19	8	17	Sat. 9	8 ·20	9 ·80	8	14	Tues. 7	9 ·73	13 ·23	7
19	Thur. 10	9 ·22	5 ·21	9	18	Sun. 10	9 ·12	10 ·75	9	15	Wed. 8	10 ·63	14 ·16	8
20	Fri. 11	10 ·20	6 ·22	10						16	Thur. 9	11 ·53	15 ·10	9
21	Sat. 12	11 ·16	7 ·20	11	19	Mon. 11	10 ·04 11 ·95	11 ·69	10					
22	Sun. 13	12 ·10	8 ·17	12	20	Tues. 12	12 ·85	12 ·62	11	17	Fri. 10	12 ·43	16 ·04 17 ·99	10
23	Mon. 14	13 ·03 14 ·95	9 ·13	13	21	Wed. 13	13 ·74	13 ·56	12	18	Sat. 11	13 ·35	18 ·95	11
					22	Thur. 14	14 ·64	14 ·49	13	19	Sun. 12	14 ·28	19 ·92	12
24	Tues. 15	P ·85	10 ·08	14	23	Fri. 15	P ·54	15 ·42	14	20	Mon. 13	P ·23	20 ·91	13
25	Wed. 16	*Phālguna.* 1 ·75	11 ·01 12 ·94	15	24	Sat. 16	1 ·45	16 ·36	15	21	Tues. 14	1 ·20	21 ·92	14
					25	Sun. 17	2 ·37	17 ·31	16	22	Wed. 15	2 ·18	22 ·96	15
26	Thur. 17	2 ·65	13 ·87	16	26	Mon. 18	3 ·31	18 ·29	17	23	Thur. 16	3 ·20	... ...	16
27	Fri. 18	3 ·55	14 ·80	17	27	Tues. 19	4 ·26	19 ·27	18	24	Fri. 17	4 ·23	23 ·01	17
28	Sat. 19	4 ·46	15 ·75	18	28	Wed. 20	5 ·23	20 ·27	19	25	Sat. 18	5 ·29	24 ·18	18
29	Sun. 20	5 ·37	16 ·69	19	29	Thur. 21	6 ·22	21 ·29	20	26	Sun. 19	6 ·35	25 ·17	19
—30	Mon. 21	6 ·30	17 ·65	20	30	Fri. 22	7 ·23	22 ·33	21	27	Mon. 20	*Bahula.* 7 ·42	26 ·27	20
1	Tues. 22	7 ·23	18 ·62	21	—31	Sat. 23	8 ·27	23 ·40	22	28	Tues. 21	8 ·49	27 ·39	21
2	Wed. 23	8 ·20	19 ·61	22	1	Sun. 24	9 ·32	24 ·48	23	29	Wed. 22	9 ·57	1 ·49	22
3	Thur. 24	9 ·17	20 ·63	23	2	Mon. 25	10 ·39	25 ·57	24	30	Thur. 23	10 ·66	2 ·59	23
4	Fri. 25	*Bahula.* 10 ·16	21 ·66	24	3	Tues. 26	11 ·47	26 ·67	25	31	Fri. 24	11 ·72	3 ·68	24
5	Sat. 26	11 ·18	22 ·71	25	4	Wed. 27	12 ·56	27 ·78	26	—32	Sat. 25	12 ·76	4 ·74	25
6	Sun. 27	12 ·21	23 ·78	26	5	Thur. 28	13 ·64	1 ·89	27	1	Sun. 26	13 ·78	5 ·80	26
7	Mon. 28	13 ·27	24 ·86	27	6	Fri. 29	14 ·70	2 ·99	28	2	Mon. 27	14 ·78	6 ·88	27
					7	Sat. 30	—A ·77	... ...	29	3	Tues. 28	—A ·76	7 ·84	28
										4	Wed. 29	1 ·72	8 ·83	29
										5	Thur. 30	2 ·67	9 ·80	—30

Dharmati. **Makara—Tai.** *H. 474 Sha'bān.*
Dharmati. **Kumbha—Māgi.** *H. 474 Ramazān.*
Dundubhi. **Mēsha—Chittirai.** *H. 474 Zi-l-ka'da.*
Dharmati. **Mīna—Panguni.** *H. 474 Shawwāl.*
Dundubhi. **Vṛishabha—Vaigāsi.** *H. 474 Zi-l-hijja.*
Dundubhi. **Mithuna—Āni.** *H. 475 Muharram.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1082. **Kollam 258,** { **N. Malabar—Aug.** **Hijra 475.** **Vikrama 1139.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 1.** **Bengal San. 488.**
P—Paurnimā. **(N. Cycle) Krodhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Fri. 1	3 ·60	10 ·73	1	6	Thur. 1	7 ·89	18 ·94	4	6	Tues. 1	9 ·98	24 ·63	6
7	Sat. 2	4 ·52	11 ·71	2	7	Fri. 2	8 ·83	19 ·91	5	7	Wed. 2	... ...	25 ·69	7
8	Sun. 3	5 ·42	12 ·64	3	8	Sat. 3	9 ·77	20 ·89	6	8	Thur. 3	10 ·04	26 ·78	8
9	Mon. 4	6 ·32	13 ·57	4	9	Sun. 4	10 ·74	21 ·89	7	9	Fri. 4	11 ·12	27 ·88	9
10	Tues. 5	7 ·22	14 ·50	5	10	Mon. 5	11 ·73	22 ·90	8	10	Sat. 5	12 ·20	1 ·99	10
11	Wed. 6	8 ·12	15 ·43	6	11	Tues. 6	12 ·75	23 ·94	9	11	Sun. 6	13 ·29	... ...	11
12	Thur. 7	9 ·02 / 10 ·92	16 ·38	7	12	Wed. 7	13 ·77	... ...	10	12	Mon. 7	14 ·37	2 ·10	12
13	Fri. 8	11 ·84	17 ·32	8	13	Thur. 8	14 ·82	24 ·01	11	13	Tues. ○ 8	P ·45	3 ·20	13
14	Sat. 9	12 ·76	18 ·28	9	14	Fri. 9	P ·89	25 ·09	12	14	Wed. 9	1 ·53	4 ·29	14
15	Sun. 10	13 ·72	19 ·25	10	15	Sat. 10	1 ·96	26 ·18	13	15	Thur. 10	2 ·58	5 ·36	15
16	Mon. 11	14 ·69	20 ·23	11	16	Sun. 11	... ...	27 ·28	14	16	Fri. 11	3 ·59	6 ·42	16
17	Tues. 12	P ·67	21 ·25	12	17	Mon. 12	2 ·04	1 ·39	15	17	Sat. 12	4 ·60	7 ·45	17
18	Wed. 13	1 ·69	22 ·27	13	18	Tues. 13	3 ·14	2 ·50	16	18	Sun. 13	5 ·59	8 ·46	18
19	Thur. 14	2 ·70	23 ·32	14	19	Wed. 14	4 ·22	3 ·60	17	19	Mon. 14	6 ·55	9 ·45	19
20	Fri. 15	3 ·76	24 ·39	15	20	Thur. 15	5 ·29	4 ·68	18	20	Tues. 15	7 ·50	10 ·42	20
21	Sat. 16	4 ·83	25 ·47	16	21	Fri. 16	6 ·33	5 ·74	19	21	Wed. 16	8 ·43	11 ·39	21
22	Sun. 17	5 ·90	26 ·58	17	22	Sat. 17	7 ·36	6 ·78	20	22	Thur. 17	9 ·35	12 ·34	22
23	Mon. 18	6 ·98	27 ·69	18	23	Sun. 18	8 ·37	7 ·80	21	23	Fri. 18	10 ·26	13 ·27	23
24	Tues. 19	... ...	1 ·79	19	24	Mon. 19	9 ·35	8 ·81	22	24	Sat. 19	11 ·16	14 ·21	24
25	Wed. 20	7 ·07	2 ·89	20	25	Tues. 20	10 ·33	9 ·80	23	25	Sun. 20	12 ·06 / 13 ·96	15 ·14	25
26	Thur. 21	8 ·15	3 ·98	21	26	Wed. 21	11 ·27	10 ·76	24	26	Mon. 21	14 ·87	16 ·07	26
27	Fri. 22	9 ·20	... ...	22	27	Thur. 22	12 ·20	11 ·71	25	27	Tues. 22	—A ·79	17 ·01 / 18 ·95	27
28	Sat. 23	10 ·25	4 ·06	23	28	Fri. 23	13 ·11	12 ·65	26	28	Wed. 23	1 ·72	19 ·90	28
29	Sun. 24	11 ·27	5 ·12	24	29	Sat. 24	14 ·03 / A ·93	13 ·60	27	29	Thur. 24	2 ·66	20 ·87	—29
30	Mon. 25	12 ·28	6 ·15	25	30	Sun. 25	1 ·83	14 ·53	28	1	Fri. 25	3 ·62	21 ·86	1
—31	Tues. 26	13 ·26	7 ·16	26	—31	Mon. 26	2 ·73	15 ·46	—29	2	Sat. 26	4 ·59	22 ·87	2
1	Wed. 27	14 ·23	8 ·15	27	1	Tues. 27	3 ·63	16 ·39	1	3	Sun. 27	5 ·57	23 ·89	3
2	Thur. 28	—A ·18	9 ·14	28	2	Wed. 28	4 ·55	17 ·33	2	4	Mon. 28	6 ·50	24 ·93	4
3	Fri. 29	1 ·10	10 ·10	—29	3	Thur. 29	5 ·47	18 ·28	3	5	Tues. 29	7 ·63	.. ...	5
4	Sat. 30	2 ·01 / 3 ·92	11 ·04 / 12 ·98	1	4	Fri. 30	6 ·41	19 ·24	4	6	Wed. 30	8 ·69	25 ·00	6
5	Sun. 31	4 ·82	13 ·91	2										
	Aug.					**Oct.**					**Dec.**			
6	Mon. 1	5 ·72	14 ·84	3	5	Sat. 1	7 ·35	20 ·22	5	7	Thur. 1	9 ·76	26 ·08	7
7	Tues. 2	6 ·62	15 ·78	4	6	Sun. 2	8 ·33	21 ·21	6	8	Fri. 2	10 ·84	27 ·19	8
8	Wed. 3	7 ·52	16 ·72	5	7	Mon. 3	9 ·32	22 ·22	7	9	Sat. 3	11 ·93	1 ·29	9
9	Thur. 4	8 ·42	17 ·66	6	8	Tues. 4	10 ·32	23 ·26	8	10	Sun. 4	... ...	2 ·40	10
10	Fri. 5	9 ·35	18 ·61	7	9	Wed. 5	11 ·36	24 ·32	9	11	Mon. 5	12 ·03	3 ·50	11
11	Sat. 6	10 ·28	19 ·57	8	10	Thur. 6	12 ·41	25 ·39	10	12	Tues. 6	13 ·11	4 ·59	12
12	Sun. 7	11 ·23	20 ·57	9	11	Fri. 7	13 ·49	26 ·48	11	13	Wed. 7	14 ·17	5 ·68	13
13	Mon. 8	12 ·20	21 ·57	10	12	Sat. 8	14 ·57	27 ·58	12	14	Thur. 8	P ·22	6 ·73	14
14	Tues. 9	13 ·19	22 ·59	11	13	Sun. 9	P ·66	1 ·68	13	15	Fri. 9	1 ·24	7 ·77	15
15	Wed. 10	14 ·20	23 ·63	12	14	Mon. 10	1 ·75	2 ·80	14	16	Sat. 10	2 ·25	8 ·78	16
16	Thur. 11	P ·22	24 ·69	13	15	Tues. 11	2 ·83	3 ·90	15	17	Sun. 11	3 ·23	9 ·78	17
17	Fri. 12	1 ·27	25 ·78	14	16	Wed. 12	3 ·89	4 ·98	16	18	Mon. 12	4 ·20	10 ·76	18
18	Sat. 13	2 ·33	26 ·88	15	17	Thur. 13	4 ·93	... ...	17	19	Tues. 13	5 ·15	11 ·72	19
19	Sun. 14	3 ·41	27 ·98	16	18	Fri. 14	5 ·97	5 ·05	18	20	Wed. 14	6 ·08 / 7 ·99	12 ·67	20
20	Mon. 15	4 ·49	... ...	17	19	Sat. 15	6 ·97	6 ·10	19	21	Thur. 15	8 ·90	13 ·61	21
21	Tues. 16	5 ·58	1 ·09	18	20	Sun. 16	7 ·96	7 ·13	20	22	Fri. 16	9 ·81	14 ·54	22
22	Wed. 17	6 ·66	2 ·19	19	21	Mon. 17	8 ·92	8 ·14	21	23	Sat. 17	10 ·72	15 ·47	23
23	Thur. 18	7 ·73	3 ·29	20	22	Tues. 18	9 ·88	9 ·12	22	24	Sun. 18	11 ·62	16 ·41	24
24	Fri. 19	8 ·77	4 ·37	21	23	Wed. 19	10 ·81	10 ·09	23	25	Mon. 19	12 ·52	17 ·35	25
25	Sat. 20	9 ·79	5 ·43	22	24	Thur. 20	11 ·72	11 ·05	24	26	Tues. 20	13 ·48	18 ·29	26
26	Sun. 21	10 ·81	6 ·47	23	25	Fri. 21	12 ·63	12 ·00 / 13 ·94	25	27	Wed. 21	14 ·37	19 ·24	27
27	Mon. 22	11 ·79	7 ·48	24						28	Thur. 22	—A ·30	20 ·20	28
28	Tues. 23	12 ·76	8 ·48	25	26	Sat. 22	13 ·53	14 ·87	26	29	Fri. 23	1 ·26	21 ·19	29
29	Wed. 24	13 ·70	9 ·47	26	27	Sun. 23	14 ·43	15 ·80	27	—30	Sat. 24	2 ·24	22 ·19	—30
30	Thur. 25	14 ·63	10 ·43	27	28	Mon. 24	—A ·33	16 ·73	28	1	Sun. 25	3 ·23	23 ·21	1
—31	Fri. 26	—A ·54	11 ·38	28	29	Tues. 25	1 ·24	17 ·67	29	2	Mon. 26	4 ·24	24 ·24	2
1	Sat. 27	1 ·45	12 ·32	29	—30	Wed. 26	2 ·16	18 ·62	—30	3	Tues. 27	5 ·27	25 ·30	3
2	Sun. 28	2 ·36	13 ·25	—30	1	Thur. 27	3 ·09	19 ·57	1	4	Wed. 28	6 ·34	26 ·39	4
3	Mon. 29	3 ·26	14 ·19	1	2	Fri. 28	4 ·02 / 5 ·97	20 ·54	2	5	Thur. 29	7 ·42	27 ·49	5
4	Tues. 30	4 ·16	15 ·12	2	3	Sat. 29	6 ·95	21 ·53	3	6	Fri. 30	8 ·52	1 ·59	6
5	Wed. 31	5 ·06 / 6 ·96	16 ·05 / 17 ·99	3	4	Sun. 30	7 ·94	22 ·54	4	7	Sat. 31	9 ·61	2 ·69	7
					5	Mon. 31	8 ·96	23 ·58	5					

Dundubhi. **Karkataka—Ādi.** *Śrāvana.* *Bahula.* *H. 475 Safar.* *Dundubhi.* **Kanyā—Purattāsi.** *Nija Bhādrapada.* *Bahula.* *H. 475 Rabī-ul ākhir.* *Dundubhi.* **Vṛiśchika—Karttigai.** *Kārttika.* *Bahula.* *H. 475 Jamādal ākhir.*

Dundubhi. **Simha—Avani.** *Adhika Bhādrapada.* *Bahula.* *H. 475 Rabi-ul awwal.* *Dundubhi.* **Tulā—Aippasi.** *Āśvina.* *Bahula.* *H. 475 Jamādal awwal.* *Dundubhi.* **Dhanus—Mārgali.** *Mārgaśirsha.* *Bahula.* *H. 475 Rajab.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1083. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·22.** **Śaka 1005.** **Kaliyuga 4184.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·18.** (S. Cycle) **Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sun.	1	10 ·69	3 ·80	8	8	Wed.	1	9 ·08	7 ·71	8	8	Mon.	1	12 ·86	13 ·30	10
9	Mon.	2	11 ·76	4 ·90	9	9	Thur.	2	10 ·10	8 ·75	9	9	Tues.	2	13 ·77	14 ·24	11
10	Tues.	3	12 ·83	5 ·98	10	10	Fri.	3	11 ·09	9 ·76	10	10	Wed.	3	14 ·68	15 ·18	12
11	Wed.	4	13 ·87	... ...	11	11	Sat.	4	12 ·08	10 ·75	11	11	Thur.	4	P ·57	16 ·12	13
12	Thur.	5	14 ·88	6 ·04	12	12	Sun.	5	13 ·04	11 ·72	12	12	Fri.	5	1 ·46	17 ·05	14
13	Fri.	6	P ·89	7 ·08	13				14 ·97							18 ·98	
14	Sat.	7	1 ·87	8 ·10	14	13	Mon.	6	P ·90	12 ·68	13	13	Sat.	6	2 ·35	19 ·92	15
15	Sun.	8	2 ·84	9 ·11	15	14	Tues.	7	1 ·81	13 ·63	14	14	Sun.	7	3 ·25	20 ·86	16
16	Mon.	9	3 ·78	10 ·09	16	15	Wed.	8	2 ·72	14 ·57	15	15	Mon.	8	4 ·19	21 ·83	17
17	Tues.	10	4 ·71	11 ·06	17	16	Thur.	9	3 ·62	15 ·50	16	16	Tues.	9	5 ·14	22 ·81	18
18	Wed.	11	5 ·62	12 ·01	18	17	Fri.	10	4 ·52	16 ·43	17	17	Wed.	10	6 ·10	23 ·81	19
				13 ·95		18	Sat.	11	5 ·42	17 ·36	18	18	Thur.	11	7 ·06	24 ·82	20
19	Thur.	12	6 ·53	14 ·88	19	19	Sun.	12	6 ·33	18 ·30	19	19	Fri.	12	8 ·07	25 ·86	21
20	Fri.	13	7 ·44	15 ·82	20	20	Mon.	13	7 ·24	19 ·25	20	20	Sat.	13	9 ·07	26 ·92	22
21	Sat.	14	8 ·34	16 ·75	21	21	Tues.	14	8 ·16	20 ·20	21	21	Sun.	14	10 ·10	.. ...	23
22	Sun.	15	9 ·24	17 ·68	22	22	Wed.	15	9 ·09	21 ·17	22	22	Mon.	15	11 ·16	27 ·00	24
23	Mon.	16	10 ·14	18 ·62	23	23	Thur.	16	10 ·05	22 ·15	23	23	Tues.	16	12 ·23	1 ·09	25
24	Tues.	17	11 ·06	19 ·57	24	24	Fri.	17	11 ·04	23 ·17	24	24	Wed.	17	13 ·30	2 ·19	26
			12 ·99			25	Sat.	18	12 ·02	24 ·19	25	25	Thur.	18	14 ·37	3 ·30	27
25	Wed.	18	13 ·93	20 ·54	25	26	Sun.	19	13 ·05	25 ·24	26	26	Fri.	19	—A ·45	4 ·40	28
26	Thur.	19	14 ·89	21 ·52	26	27	Mon.	20	14 ·08	26 ·30	27	27	Sat.	20	1 ·51	5 ·51	—29
27	Fri.	20	—A ·86	22 ·51	27	28	Tues.	21	—A ·13	27 ·39	28	28	Sun.	21	2 ·57	6 ·59	1
28	Sat.	21	1 ·86	23 ·52	28	29	Wed.	22	1 ·21	1 ·48	—29	29	Mon.	22	3 ·62	7 ·66	2
—29	Sun.	22	2 ·87	24 ·56	—29	—30	Thur.	23	2 ·29	2 ·60	1	30	Tues.	23	4 ·63	8 ·70	3
1	Mon.	23	3 ·91	25 ·62	1	1	Fri.	24	3 ·88	3 ·70	2	31	Wed.	24	5 ·63	9 ·72	4
2	Tues.	24	4 ·97	26 ·69	2	2	Sat.	25	4 ·46	4 ·81	3	—32	Thur.	25	6 ·61	10 ·73	5
3	Wed.	25	... ...	27 ·78	3	3	Sun.	26	5 ·53	5 ·90	4	1	Fri.	26	7 ·57	11 ·72	6
4	Thur	26	5 ·05	1 ·89	4	4	Mon.	27	6 ·58	6 ·97	5	2	Sat.	27	8 ·50	12 ·69	7
5	Fri.	27	6 ·14	2 ·99	5	5	Tues.	28	7 ·63	... ...	6	3	Sun.	28	9 ·43	13 ·64	8
6	Sat.	28	7 ·23	... ...	6	6	Wed.	29	8 ·64	7 ·03	7	4	Mon.	29	10 ·35	14 ·58	9
7	Sun.	29	8 ·31	3 ·11	7	7	Thur.	30	9 ·63	8 ·07	8	5	Tues.	30	11 ·26	15 ·51	10
8	Mon.	30	9 ·38	4 ·20	8	8	Fri.	31	10 ·61	9 ·08	9	6	Wed.	31	12 ·17	16 ·45	11
9	Tues.	31	10 ·45	5 ·29	9												
		Feb.						**April.**						**June.**			
10	Wed.	1	11 ·49	6 ·35	10	9	Sat.	1	11 ·56	10 ·07	10						
11	Thur.	2	12 ·50	7 ·40	11	10	Sun.	2	12 ·51	11 ·05	11	7	Thur.	1	13 ·06	17 ·38	12
12	Fri.	3	13 ·51	8 ·42	12					12 ·02					14 ·96		
13	Sat.	4	14 ·49	9 ·44	13	11	Mon.	3	13 ·44	13 ·97	12	8	Fri.	2	P ·86	18 ·31	13
14	Sun.	5	P ·46	10 ·42	14	12	Tues.	4	14 ·36	14 ·91	13	9	Sat.	3	1 ·76	19 ·25	14
15	Mon.	6	1 ·39	11 ·39	15	13	Wed.	5	P ·26	15 ·84	14	10	Sun.	4	2 ·69	20 ·20	15
16	Tues.	7	2 ·31	12 ·34	16	14	Thur.	6	1 ·15	16 ·77	15	11	Mon.	5	3 ·62	21 ·17	16
17	Wed.	8	3 ·23	13 ·29	17				2 ·05			12	Tues.	6	4 ·57	22 ·14	17
18	Thur.	9	4 ·14	14 ·23	18	15	Fri.	7	3 ·95	17 ·71	16	13	Wed.	7	5 ·53	23 ·13	18
19	Fri.	10	5 ·05	15 ·16	19	16	Sat.	8	4 ·86	18 ·64	17	14	Thur.	8	6 ·53	24 ·14	19
			6 ·95			17	Sun.	9	5 ·77	19 ·58	18	15	Fri.	9	7 ·53	25 ·17	20
20	Sat.	11	7 ·85	16 ·09	20	18	Mon.	10	6 ·69	20 ·53	19	16	Sat.	10	8 ·57	26 ·23	21
21	Sun.	12	8 ·75	17 ·02	21	19	Tues.	11	7 ·62	21 ·50	20	17	Sun.	11	9 ·61	27 ·30	22
				18 ·96		20	Wed.	12	8 ·58	22 ·49	21	18	Mon.	12	10 ·67	1 ·39	23
22	Mon.	13	9 ·67	19 ·91	22	21	Thur.	13	9 ·56	23 ·49	22	19	Tues.	13	11 ·76	2 ·49	24
23	Tues.	14	10 ·59	20 ·87	23	22	Fri.	14	10 ·54	24 ·51	23	20	Wed.	14	12 ·84	3 ·60	25
24	Wed.	15	11 ·53	21 ·84	24	23	Sat.	15	11 ·57	25 ·55	24	21	Thur.	15	13 ·92	4 ·71	26
25	Thur.	16	12 ·49	22 ·83	25	24	Sun.	16	12 ·60	26 ·61	25	22	Fri.	16	14 ·99	5 ·81	27
26	Fri.	17	13 ·47	23 ·84	26	25	Mon.	17	13 ·66	27 ·69	26	23	Sat.	17	... ...	6 ·90	28
27	Sat.	18	14 ·46	24 ·88	27	26	Tues.	18	14 ·72	1 ·79	27	24	Sun.	18	—A ·06	7 ·97	29
28	Sun.	19	—A ·47	25 ·93	28	27	Wed.	19	—A ·81	2 ·90	28	25	Mon.	19	1 ·09	.. ...	—30
29	Mon.	20	1 ·52	... ...	29	28	Thur.	20	1 ·90	... ...	29	26	Tues.	20	2 ·12	8 ·01	1
—30	Tues.	21	2 ·57	26 ·00	—30	29	Fri.	21	2 ·97	3 ·00	—30	27	Wed.	21	3 ·11	9 ·05	2
1	Wed.	22	3 ·65	27 ·09	1	30	Sat.	22	... ...	4 ·11	1	28	Thur.	22	4 ·08	10 ·06	3
2	Thur.	23	4 ·74	1 ·18	2	—31	Sun.	23	3 ·04	5 ·20	2				5 ·04		
3	Fri.	24	5 ·83	2 ·30	3	1	Mon.	24	4 ·09	6 ·29	3	29	Fri.	23	6 ·98	11 ·05	4
4	Sat.	25	6 ·91	3 ·41	4	2	Tues.	25	5 ·13	7 ·35	4					12 ·02	
5	Sun.	26	7 ·98	4 ·51	5	3	Wed.	26	6 ·15	8 ·38	5	30	Sat.	24	7 ·92	13 ·97	5
6	Mon.	27	... ...	5 ·59	6	4	Thur.	27	7 ·15	9 ·40	6	—31	Sun.	25	8 ·84	14 ·92	6
7	Tues.	28	8 ·04	6 ·66	7	5	Fri.	28	8 ·13	10 ·40	7	1	Mon.	26	9 ·74	15 ·86	7
						6	Sat.	29	9 ·09	11 ·39	8	2	Tues.	27	10 ·64	16 ·79	8
									10 ·03			3	Wed.	28	11 ·54	17 ·72	9
						7	Sun.	30	11 ·95	12 ·35	9	4	Thur.	29	12 ·44	18 ·65	10
												5	Fri.	30	13 ·34	19 ·59	11

Dundubhi. **Makara—Tai.** *Pausha.* *Bahula.* *H. 475 Śha'bā'n.*

Dundubhi. **Kumbha—Māṡi.** *Māgha.* *Bahula.* *H. 475 Ramaẓān.*

Dundubhi. **Mīna—Pāṅguni.** *Phālguna.* *Bahula.* *H. 475 Shawwāl.*

Udhirodgārin. **Mēsha—Chittirai.** *Chaitra.* *Bahula.* *H. 475 Zi-l-ka'da.*

Rudhirodgārin. **Vrishabha—Vaigāṡi.** *Vaiśākha.* *Bahula.* *H. 475 Zi-l-ḥijja.*

Rudhirodgārin. **Mithuna—Āni.** *Jyeshṭha.* *Bahula.* *H. 476 Muḥarram.*

Śukla. *Śukla.* *Śukla.* *Śukla.* *Śukla.* *Śukla.*

Āshāḍha. *H. 476 Ṣafar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleah. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1083. **Kollam 259,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 476.** **Vikrama 1140.**
A—Amāvāsyā. Commences Commences **May 21.** **Bengal San. 489.**
P—Paurnimā. **(N. Cycle) Kshaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	14 ·25	20 ·54	12	5	Fri. 1	Bahula. 2 ·08	27 ·22	15	6	Wed. 1	Bahula. 4 ·75	6 ·42	17
7	Sun. 2	P ·17	21 ·50	13	6	Sat. 2	3 ·14	1 ·30	16	7	Thur. 2	5 ·81	7 ·51	18
8	Mon. 3	Āshādha. 1 ·09	22 ·47	14	7	Sun. 3	4 ·20	2 ·40	17	8	Fri. 3	6 ·86	8 ·58	19
9	Tues. 4	2 ·04	23 ·45	15	8	Mon. 4	5 ·27	3 ·50	18	9	Sat. 4	7 ·89	9 ·63	20
10	Wed. 5	3 ·00	24 ·46	16	9	Tues. 5	6 ·36	4 ·61	19	10	Sun. 5	8 ·89	10 ·67	21
11	Thur. 6	4 ·00	25 ·49	17	10	Wed. 6	7 ·45	5 ·71	20	11	Mon. 6	9 ·87	11 ·68	22
12	Fri. 7	5 ·01	26 ·54	18	11	Thur. 7	8 ·53	6 ·81	21	12	Tues. 7	10 ·83	12 ·67	23
13	Sat. 8	6 ·04	27 ·61	19	12	Fri. 8	9 ·59	7 ·90	22	13	Wed. 8	11 ·78	13 ·64	24
14	Sun. 9	7 ·08	1 ·69	20	13	Sat. 9	10 ·64	8 ·96	23	14	Thur. 9	12 ·71	14 ·60	25
15	Mon. 10	8 ·15	2 ·79	21	14	Sun. 10	11 ·66	... ...	24	15	Fri. 10	13 ·63	15 ·56	26
16	Tues. 11	9 ·23	3 ·91	22	15	Mon. 11	12 ·67	9 ·00	25	16	Sat. 11	14 ·54	16 ·49	27
17	Wed. 12	Bahula. 10 ·32	... ...	23	16	Tues. 12	13 ·65	10 ·02	26	17	Sun. 12	—A ·44	17 ·43	28
18	Thur. 13	11 ·40	4 ·01	24	17	Wed. 13	14 ·61	11 ·02	27	18	Mon. 13	1 ·31	18 ·36	—29
19	Fri. 14	12 ·46	5 ·11	25	18	Thur. 14	—A ·57	12 ·00	28	19	Tues. 14	2 ·24	19 ·28	1
20	Sat. 15	13 ·53	6 ·20	26				13 ·25		20	Wed. 15	3 ·15	20 ·22	2
21	Sun. 16	14 ·57	7 ·27	27	19	Fri. 15	1 ·49	14 ·26	29	21	Thur. 16	4 ·07	21 ·17	3
22	Mon. 17	—A ·61	8 ·33	28	20	Sat. 16	2 ·41	15 ·27	1			Bahula. 5 ·99		
23	Tues. 18	1 ·60	9 ·37	—29	21	Sun. 17	3 ·33	16 ·31	2	22	Fri. 17	6 ·94	22 ·12	4
24	Wed. 19	2 ·58	10 ·38	1	22	Mon. 18	4 ·23	17 ·75	3	23	Sat. 18	7 ·90	23 ·09	5
25	Thur. 20	3 ·53	11 ·37	2	23	Tues. 19	5 ·13	18 ·68	4	24	Sun. 19	8 ·87	24 ·08	6
26	Fri. 21	4 ·48	12 ·35	3	24	Wed. 20	Śukla. 6 ·03	19 ·61	5	25	Mon. 20	9 ·86	25 ·08	7
27	Sat. 22	5 ·42	13 ·31	4			7 ·93			26	Tues. 21	10 ·89	26 ·11	8
28	Sun. 23	6 ·33	14 ·26	5	25	Thur. 21	8 ·83	20 ·55	6	27	Wed. 22	11 ·93	27 ·15	9
29	Mon. 24	7 ·23	15 ·20	6	26	Fri. 22	9 ·76	21 ·49	7	28	Thur. 23	12 ·98	1 ·22	10
30	Tues. 25	8 ·13	16 ·13	7	27	Sat. 23	10 ·70	22 ·46	8	—29	Fri. 24	... ...	2 ·30	11
31	Wed. 26	9 ·03	17 ·06	8	28	Sun. 24	11 ·65	23 ·44	9	1	Sat 25	13 ·05	3 ·40	12
		10 ·94	18 ·99		29	Mon. 25	12 ·63	24 ·43	10	2	Sun. 26	14 ·15	4 ·51	13
—32	Thur. 27	11 ·84	19 ·93	9	—30	Tues. 26	13 ·62	25 ·44	11	3	Mon. 27	P ·24	5 ·62	14
1	Fri. 28	12 ·74	20 ·88	10	1	Wed. 27	14 ·63	26 ·47	12	4	Tues. 28	1 ·32	6 ·72	15
2	Sat. 29	13 ·66	21 ·83	11	2	Thur. 28	P ·66	27 ·53	13	5	Wed. 29	2 ·40	7 ·81	16
3	Sun. 30	14 ·60	22 ·79	12	3	Fri. 29	1 ·72	1 ·61	14	6	Thur. 30	3 ·46	8 ·89	17
4	Mon. 31	P ·54	23 ·78	13	4	Sat. 30	2 ·79	2 ·70	15					
	Aug.					**Oct.**					**Dec.**			
5	Tues. 1	1 ·52	24 ·79	14	5	Sun. 1	3 ·86	3 ·80	16	7	Fri. 1	Bahula. 4 ·50	9 ·95	18
6	Wed. 2	Śrāvaṇa. 2 ·51	25 ·81	15	6	Mon. 2	4 ·96	4 ·90	17	8	Sat. 2	5 ·54	10 ·99	19
7	Thur. 3	3 ·51	26 ·85	16	7	Tues. 3	... ...	... ...	18	9	Sun. 3	6 ·53	... ...	20
8	Fri. 4	4 ·54	27 ·91	17	8	Wed. 4	5 ·06	5 ·01	19	10	Mon. 4	7 ·52	11 ·00	21
9	Sat. 5	5 ·59	1 ·99	18	9	Thur. 5	6 ·13	6 ·12	20	11	Tues. 5	8 ·48	12 ·00	22
10	Sun. 6	6 ·65	... ...	19	10	Fri. 6	Bahula. 7 ·18	7 ·20	21				13 ·97	
11	Mon. 7	7 ·73	2 ·10	20	11	Sat. 7	8 ·23	8 ·27	22	12	Wed. 6	9 ·42	14 ·93	23
12	Tues. 8	8 ·82	3 ·20	21	12	Sun. 8	9 ·26	9 ·32	23	13	Thur. 7	10 ·35	15 ·89	24
13	Wed. 9	9 ·91	4 ·31	22	13	Mon. 9	10 ·27	10 ·34	24	14	Fri. 8	11 ·28	16 ·83	25
14	Thur. 10	10 ·99	5 ·41	23	14	Tues. 10	11 ·25	11 ·36	25	15	Sat. 9	12 ·19	17 ·76	26
15	Fri. 11	... ...	6 ·50	24	15	Wed. 11	12 ·21	12 ·34	26	16	Sun. 10	13 ·09	18 ·69	
16	Sat. 12	11 ·04	7 ·58	25	16	Thur. 12	13 ·16	13 ·31	27			14 ·99		27
17	Sun. 13	12 ·08	8 ·65	26	17	Fri. ● 13	14 ·09	14 ·27	28	17	Mon. 11	—A ·89	19 ·62	28
18	Mon. 14	13 ·12	9 ·69	27			A ·01			18	Tues. 12	1 ·79	20 ·57	29
19	Tues. 15	14 ·11	10 ·70	28	18	Sat. 14	1 ·92	15 ·21	29	19	Wed. 13	2 ·71	21 ·51	—30
20	Wed. 16	—A ·10	11 ·70	29	19	Sun. 15	2 ·82	16 ·16	—30	20	Thur. 14	3 ·64	22 ·46	1
21	Thur. 17	1 ·06	12 ·68	—30	20	Mon. 16	3 ·72	17 ·09	1	21	Fri. 15	4 ·59	23 ·42	2
		2 ·01						18 ·02		22	Sat. 16	5 ·54	24 ·40	3
22	Fri. 18	Śukla. 3 ·94	13 ·65	1	21	Tues 17	4 ·62	19 ·95	2	23	Sun. 17	6 ·53	25 ·41	4
23	Sat. 19	4 ·85	14 ·60	2	22	Wed. 18	5 ·52	20 ·88	3	24	Mon. 18	7 ·52	26 ·43	5
24	Sun. 20	5 ·76	15 ·54	3	23	Thur. 19	6 ·43	21 ·83	4	25	Tues. 19	8 ·53	27 ·46	6
25	Mon. 21	6 ·66	16 ·47	4	24	Fri. 20	Śukla. 7 ·37	22 ·79	5	26	Wed. 20	9 ·57	1 ·52	7
26	Tues. 22	7 ·56	17 ·40	5	25	Sat. 21	8 ·32	23 ·76	6	27	Thur. 21	10 ·63	2 ·60	8
27	Wed. 23	8 ·46	18 ·34	6	26	Sun. 22	9 ·28	24 ·75	7	28	Fri. 22	11 ·71	3 ·71	9
28	Thur. 24	9 ·36	19 ·27	7	27	Mon. 23	10 ·24	25 ·76	8	29	Sat. 23	12 ·80	4 ·81	10
29	Fri. 25	10 ·27	20 ·21	8	28	Tues. 24	11 ·24	26 ·79	9	—30	Sun. 24	13 ·90	5 ·91	11
30	Sat. 26	11 ·19	21 ·16	9	29	Wed. 25	12 ·24	27 ·85	10	1	Mon. 25	14 ·98	... ...	12
—31	Sun. 27	12 ·13	22 ·12	10	—30	Thur. 26	13 ·28	1 ·91	11	2	Tues. 26	... ...	6 ·02	13
1	Mon. 28	13 ·07	23 ·11	11	1	Fri. 27	Kārttika. 14 ·34	... ...	12	3	Wed. 27	P ·06	7 ·11	14
2	Tues. 29	14 ·05	24 ·11	12	2	Sat. 28	P ·41	2 ·00	13	4	Thur. 28	1 ·11	8 ·19	15
3	Wed. 30	P ·03	25 ·12	13	3	Sun. 29	1 ·49	3 ·10	14	5	Fri. 29	2 ·15	9 ·26	16
4	Thur. 31	1 ·05	26 ·16	14	4	Mon. 30	2 ·58	4 ·20	15	6	Sat. 30	3 ·18	10 ·30	17
					5	Tues. 31	3 ·68	5 ·32	16	7	Sun. 31	4 ·18	11 ·32	18

Rudhirodgārin. **Karkataka—Āśl.** *Rudhirodgārin.* **Siṁha—Āśvani.** *Rudhirodgārin.* **Kanyā—Purattāśi.** *Rudhirodgārin.* **Tulā—Aippaśi.** *Rudhirodgārin.* **Vṛśchika—Kārttigai.** *Rudhirodgārin.* **Dhanus—Mārgali.**

H. 476 Śafar. *H. 476 Rabī-ul awwal.* *H. 476 Rabī-ul ākhir.* *H. 476 Jamāda'l awwal.* *H. 476 Jamāda'l ākhir.* *H. 476 Rajab.* *H. 476 Sha'bān.* *H. 476 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1084. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·47.** **Śaka 1006.** **Kaliyuga 4185.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·43.** **(S. Cycle) Raktâkṣha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
	Mon.	1	5 ·17	12 ·32	19		Fri.	1	6 ·02	18 ·72	20		Wed.	1	9 ·44	24 ·05	22
	Tues.	2	6 ·12	13 ·30	20				7 ·92				Thur.	2	10 ·40	25 ·02	23
	Wed.	3	7 ·07	14 ·28	21		Sat.	2	8 ·82	19 ·65	21		Fri.	3	11 ·38	26 ·03	24
			8 ·99				Sun.	3	9 ·72	20 ·58	22		Sat.	4	12 ·37	27 ·04	25
	Thur.	4	9 ·90	15 ·23	22		Mon.	4	10 ·62	21 ·51	23		Sun.	5	13 ·37	1 ·08	26
	Fri.	5	10 ·81	16 ·17	23		Tues.	5	11 ·53	22 ·47	24		Mon.	6	14 ·41	2 ·14	27
	Sat.	6	11 ·72	17 ·10	24		Wed.	6	12 ·46	23 ·42	25		Tues.	7	—A ·47	3 ·21	28
	Sun.	7	12 ·62	18 ·03	25		Thur.	7	13 ·40	24 ·39	26		Wed.	8	1 ·54	4 ·31	29
				19 ·97			Fri.	8	14 ·37	25 ·37	27		Thur.	9	2 ·62	5 ·41	—30
	Mon.	8	13 ·52	20 ·90	26		Sat.	9	—A ·34	26 ·38	28		Fri.	10	3 ·71	6 ·52	1
	Tues.	9	14 ·43	21 ·84	27		Sun.	10	1 ·34	27 ·40	—29		Sat.	11	4 ·79	7 ·62	2
	Wed.	10	—A ·34	22 ·79	28		Mon.	11	2 ·36	1 ·46	1		Sun.	12	5 ·86	8 ·72	3
	Thur.	11	1 ·26	23 ·75	—29		Tues.	12	3 ·39	2 ·52	2		Mon.	13	6 ·91	9 ·81	4
	Fri.	12	2 ·21	24 ·74	1		Wed.	13	4 ·44	3 ·61	3		Tues.	14	7 ·94	10 ·88	5
	Sat.	13	3 ·18	25 ·73	2		Thur.	14	5 ·52	4 ·70	4		Wed.	15	8 ·97	11 ·92	6
	Sun.	14	4 ·16	26 ·74	3		Fri.	15	6 ·61	5 ·81	5		Thur.	16	9 ·96	12 ·94	7
	Mon.	15	5 ·15	27 ·78	4		Sat.	16	7 ·70	6 ·92	6		Fri.	17	10 ·94	13 ·94	8
	Tues.	16	6 ·17	1 ·83	5		Sun.	17	8 ·78	... ...	7		Sat.	18	11 ·89	14 ·93	9
	Wed.	17	7 ·22	2 ·91	6		Mon.	18	9 ·84	7 ·03	8		Sun.	19	12 ·82	15 ·91	10
	Thur.	18	8 ·27	... ...	7		Tues.	19	10 ·90	8 ·12	9		Mon.	20	13 ·75	16 ·86	11
	Fri.	19	9 ·35	3 ·00	8		Wed.	20	11 ·94	9 ·19	10		Tues.	21	14 ·66	17 ·80	12
	Sat.	20	10 ·43	4 ·11	9		Thur.	21	12 ·95	10 ·24	11		Wed.	22	P ·57	18 ·73	13
	Sun.	21	11 ·52	5 ·21	10		Fri.	22	13 ·95	11 ·29	12		Thur.	23	1 ·47	19 ·66	14
	Mon.	22	12 ·61	6 ·32	11		Sat.	23	14 ·93	12 ·30	13		Fri.	24	2 ·37	20 ·60	15
	Tues.	23	13 ·69	7 ·41	12		Sun.	24	P ·88	13 ·29	14		Sat.	25	3 ·27	21 ·53	16
	Wed.	24	14 ·74	8 ·51	13		Mon.	25	1 ·82	14 ·27	15		Sun.	26	4 ·17	22 ·47	17
	Thur.	25	P ·79	9 ·57	14		Tues.	26	2 ·74	15 ·23	16				5 ·07		
	Fri.	26	1 ·80	10 ·62	15		Wed.	27	3 ·65	16 ·19	17		Mon.	27	6 ·99	23 ·42	18
	Sat.	27	2 ·79	11 ·64	16		Thur.	28	4 ·56	17 ·13	18		Tues.	28	7 ·93	24 ·38	19
	Sun.	28	3 ·77	12 ·65	17					18 ·06			Wed.	29	8 ·88	25 ·36	20
	Mon.	29	4 ·73	13 ·64	18		Fri.	29	5 ·46	19 ·99	19		Thur.	30	9 ·86	26 ·35	21
	Tues.	30	5 ·68	14 ·61	19		Sat.	30	6 ·36	20 ·92	20		Fri.	31	10 ·85	27 ·36	22
	Wed.	31	6 ·60	15 ·56	20		Sun.	31	7 ·26	21 ·85	21						
	Feb.						**April.**						**June.**				
	Thur.	1	7 ·52	16 ·51	21		Mon.	1	8 ·16	22 ·80	22		Sat.	1	11 ·86	1 ·39	23
	Fri.	2	8 ·43	17 ·44	22		Tues.	2	9 ·08	23 ·75	23		Sun.	2	12 ·89	2 ·44	24
	Sat.	3	9 ·33	18 ·38	23		Wed.	3	10 ·01	24 ·72	24		Mon.	3	13 ·95	3 ·52	25
	Sun.	4	10 ·23	19 ·31	24				11 ·93				Tues.	4	... ...	4 ·61	26
	Mon.	5	11 ·13	20 ·24	25		Thur.	4	12 ·90	25 ·70	25		Wed.	5	14 ·02	5 ·71	27
	Tues.	6	12 ·04	21 ·18	26		Fri.	5	13 ·87	26 ·70	26		Thur.	6	—A ·09	6 ·82	28
			13 ·95				Sat.	6	14 ·87	27 ·73	27		Fri.	7	1 ·18	7 ·92	29
	Wed.	7	14 ·88	22 ·12	27		Sun.	7	—A ·89	1 ·77	28		Sat.	8	2 ·26	... ...	—30
	Thur.	8	—A ·82	23 ·09	28		Mon.	8	1 ·93	2 ·83	29		Sun.	9	3 ·33	8 ·03	1
	Fri.	9	1 ·79	24 ·06	29		Tues.	9	2 ·97	3 ·91	—30		Mon.	10	4 ·39	9 ·12	2
	Sat.	10	2 ·77	25 ·05	—30		Wed.	10	... ...	... ...	1		Tues.	11	5 ·43	10 ·19	3
	Sun.	11	3 ·76	26 ·06	1		Thur.	11	3 ·05	4 ·00	2		Wed.	12	6 ·44	11 ·23	4
	Mon.	12	4 ·78	27 ·09	2		Fri.	12	4 ·13	5 ·12	3		Thur.	13	7 ·43	12 ·26	5
	Tues.	13	5 ·82	1 ·14	3		Sat.	13	5 ·21	6 ·22	4		Fri.	14	8 ·42	13 ·27	6
	Wed.	14	6 ·88	2 ·22	4		Sun.	14	6 ·30	7 ·33	5		Sat.	15	9 ·36	14 ·27	7
	Thur.	15	7 ·96	3 ·31	5		Mon.	15	7 ·38	8 ·42	6		Sun.	16	10 ·30	15 ·24	8
	Fri.	16	... ...	4 ·40	6		Tues.	16	8 ·43	9 ·50	7		Mon.	17	11 ·23	16 ·19	9
	Sat.	17	8 ·05	5 ·51	7		Wed.	17	9 ·46	10 ·57	8		Tues.	18	12 ·15	17 ·14	10
	Sun.	18	9 ·13	6 ·62	8		Thur.	18	10 ·48	11 ·60	9				13 ·04		
	Mon.	19	10 ·21	7 ·73	9		Fri.	19	11 ·47	12 ·62	10		Wed.	19	14 ·94	18 ·07	11
	Tues.	20	11 ·28	8 ·81	10		Sat.	20	12 ·44	13 ·62	11					19 ·01	
	Wed.	21	12 ·33	9 ·88	11		Sun.	21	13 ·40	14 ·60	12		Thur.	20	P ·84	20 ·94	12
	Thur.	22	13 ·38	10 ·93	12		Mon.	22	14 ·33	15 ·57	13		Fri.	21	1 ·74	21 ·87	13
	Fri.	23	14 ·40	11 ·96	13		Tues.	23	P ·26	16 ·52	14		Sat.	22	2 ·64	22 ·81	14
	Sat.	24	P ·40	12 ·98	14		Wed.	24	1 ·17	17 ·46	15		Sun.	23	3 ·55	23 ·75	15
	Sun.	25	1 ·38	13 ·97	15				2 ·07				Mon.	24	4 ·47	24 ·72	16
	Mon.	26	2 ·33	14 ·94	16		Thur.	25	3 ·97	18 ·40	16		Tues.	25	5 ·40	25 ·69	17
	Tues.	27	3 ·27	15 ·90	17		Fri.	26	4 ·87	19 ·33	17		Wed.	26	6 ·36	26 ·67	18
	Wed.	28	4 ·19	16 ·84	18		Sat.	27	5 ·77	20 ·26	18		Thur.	27	7 ·34	27 ·68	19
	Thur.	29	5 ·11	17 ·79	19		Sun.	28	6 ·67	21 ·20	19		Fri.	28	8 ·32	1 ·70	20
							Mon.	29	7 ·58	22 ·14	20		Sat.	29	9 ·34	2 ·76	21
							Tues.	30	8 ·50	23 ·08	21		Sun.	30	10 ·36	3 ·83	22

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1084. **Kollam 260,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 477.** Commences **May 10.** **Vikrama 1141.** **Bengal San. 490.** **(N. Cycle) Prabhava.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
7	Mon.	1	11 ·41	4 ·91	23	6	Sun.	1	14 ·94	10 ·11	26	7	Fri.	1	—A ·07	17 ·82	28
8	Tues.	2	12 ·48	... ...	24	7	Mon.	2	—A ·97	11 ·18	27	8	Sat.	2	1 ·00 / 2 ·91	18 ·77	—29
9	Wed.	3	13 ·58	5 ·01	25	8	Tues.	3	1 ·97	12 ·22	28	9	Sun.	3	3 ·82	19 ·70	1
10	Thur.	4	14 ·68	6 ·12	26	9	Wed.	4	2 ·95	13 ·24	—29	10	Mon.	4	4 ·78	20 ·65	2
11	Fri.	5	—A ·76	7 ·22	27	10	Thur.	5	3 ·92	14 ·24	1	11	Tues.	5	5 ·63	21 ·57	3
12	Sat.	6	1 ·83	8 ·33	28	11	Fri.	6	4 ·86	15 ·23	2	12	Wed.	6	6 ·53	22 ·50	4
13	Sun.	7	2 ·88	9 ·42	—29	12	Sat.	7	5 ·79	16 ·20	3	13	Thur.	7	7 ·44	23 ·44	5
14	Mon.	8	3 ·69	10 ·49	1	13	Sun.	8	6 ·70	17 ·15	4	14	Fri.	8	8 ·35	24 ·38	6
15	Tues.	9	4 ·94	11 ·55	2	14	Mon.	9	7 ·61	18 ·09	5	15	Sat.	9	9 ·28	25 ·34	7
16	Wed.	10	5 ·92	12 ·58	3	15	Tues.	10	8 ·52	19 ·03 / 20 ·96	6	16	Sun.	10	10 ·21	26 ·31	8
17	Thur.	11	6 ·90	13 ·60	4							17	Mon.	11	11 ·18	27 ·30	9
18	Fri.	12	7 ·87	14 ·59	5	16	Wed.	11	9 ·42	21 ·89	7	18	Tues.	12	12 ·16	1 ·30	10
19	Sat.	13	8 ·81	15 ·57	6	17	Thur.	12	10 ·32	22 ·83	8	19	Wed.	13	13 ·15	2 ·32	11
20	Sun.	14	9 ·72	16 ·53	7	18	Fri.	13	11 ·22	23 ·77	9	20	Thur.	14	14 ·17	3 ·37	12
21	Mon.	15	10 ·63	17 ·47	8	19	Sat.	14	12 ·14	24 ·71	10	21	Fri.	15	P ·22	4 ·44	13
22	Tues.	16	11 ·54	18 ·42	9	20	Sun.	15	13 ·06	25 ·67	11	22	Sat.	16	1 ·28	5 ·52	14
23	Wed.	17	12 ·44	19 ·35	10	21	Mon. ○	16	14 ·00 / P ·95	26 ·65	12	23	Sun.	17	2 ·35	6 ·62	15
24	Thur.	18	13 ·34	20 ·28	11							24	Mon.	18	3 ·44	7 ·72	16
25	Fri.	19	14 ·24	21 ·21	12	22	Tues.	17	1 ·92	27 ·65	13	25	Tues.	19	4 ·53	8 ·84	17
26	Sat.	20	P ·14	22 ·14	13	23	Wed.	18	2 ·92	1 ·66	14	26	Wed.	20	5 ·61	9 ·94	18
27	Sun.	21	1 ·05 / 2 ·97	23 ·10	14	24	Thur.	19	3 ·92	2 ·69	15	27	Thur.	21	6 ·69	... ...	19
						25	Fri.	20	4 ·97	3 ·75	16						
28	Mon.	22	3 ·90	24 ·05	15	26	Sat.	21	... ...	4 ·82	17	28	Fri.	22	7 ·75	10 ·03	20
29	Tues.	23	4 ·86	25 ·01	16	27	Sun.	22	5 ·02	5 ·92	18	29	Sat.	23	8 ·79	11 ·11	21
30	Wed.	24	5 ·83	26 ·00	17	28	Mon.	23	6 ·09	... ...	19	—30	Sun.	24	9 ·82	12 ·16	22
31	Thur.	25	6 ·83	27 ·00	18	29	Tues.	24	7 ·16	6 ·02	20	1	Mon.	25	10 ·82	13 ·20	23
—32	Fri.	26	7 ·83	1 ·02	19	—30	Wed.	25	8 ·25	7 ·13	21	2	Tues.	26	11 ·80	14 ·22	24
1	Sat.	27	8 ·86	2 ·07	20	1	Thur.	26	9 ·34	8 ·23	22	3	Wed.	27	12 ·76	15 ·22	25
2	Sun.	28	9 ·92	3 ·13	21	2	Fri.	27	10 ·42	9 ·33	23	4	Thur.	28	13 ·71	16 ·19	26
3	Mon.	29	10 ·98	4 ·21	22	3	Sat.	28	11 ·49	10 ·42	24	5	Fri.	29	14 ·63	17 ·15	27
4	Tues.	30	... ...	5 ·31	23	4	Sun.	29	12 ·55	11 ·49	25	6	Sat.	30	—A ·55	18 ·10	28
5	Wed.	31	11 ·05	6 ·41	24	5	Mon.	30	13 ·56	12 ·54	26						
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	12 ·14	7 ·53	25	6	Tues.	1	14 ·55	13 ·56	27	7	Sun.	1	1 ·46	19 ·05 / 20 ·98	29
7	Fri.	2	13 ·24	8 ·63	26	7	Wed.	2	—A ·54	14 ·57	28	8	Mon.	2	2 ·36	21 ·91	—30
8	Sat.	3	14 ·31	9 ·72	27	8	Thur.	3	1 ·50	15 ·56	29	9	Tues.	3	3 ·26	22 ·84	1
9	Sun.	4	—A ·36	10 ·80	28	9	Fri.	4	2 ·45	16 ·53	—30	10	Wed.	4	4 ·16	23 ·78	2
10	Mon.	5	1 ·40	11 ·86	29	10	Sat.	5	3 ·38	17 ·50	1						
11	Tues.	6	2 ·43	12 ·91	—30	11	Sun.	6	4 ·29	18 ·43	2	11	Thur.	5	5 ·06 / 6 ·99	24 ·73	3
12	Wed.	7	3 ·43	13 ·92	1	12	Mon.	7	5 ·20	19 ·37	3						
13	Thur.	8	4 ·41	14 ·92	2	13	Tues.	8	6 ·10	20 ·30	4	12	Fri.	6	7 ·92	25 ·68	4
14	Fri.	9	5 ·37	15 ·90	3	14	Wed.	9	7 ·00 / 8 ·90	21 ·24	5	13	Sat.	7	8 ·87	26 ·64	5
15	Sat.	10	6 ·32	16 ·86	4							14	Sun.	8	9 ·83	27 ·62	6
16	Sun.	11	7 ·24	17 ·82	5	15	Thur.	10	9 ·81	22 ·17	6	15	Mon.	9	10 ·80	1 ·62	7
17	Mon.	12	8 ·15	18 ·76	6	16	Fri.	11	10 ·73	23 ·10	7	16	Tues.	10	11 ·79	2 ·65	8
18	Tues.	13	9 ·05 / 10 ·95	19 ·69	7	17	Sat.	12	11 ·65	24 ·05 / 25 ·00	8	17	Wed.	11	12 ·82	3 ·68	9
						18	Sun.	13	12 ·59	26 ·98	9	18	Thur.	12	13 ·86	4 ·74	10
19	Wed.	14	11 ·85	20 ·62	8							19	Fri.	13	14 ·92	5 ·82	11
20	Thur.	15	12 ·76	21 ·55	9	19	Mon.	14	13 ·55	27 ·97	10	20	Sat.	14	... ...	6 ·92	12
21	Fri.	16	13 ·67	22 ·49	10	20	Tues.	15	14 ·53	1 ·98	11	21	Sun.	15	P ·00	... ...	13
22	Sat.	17	14 ·58	23 ·43	11	21	Wed.	16	P ·52	... ...	12	22	Mon.	16	1 ·08	7 ·02	14
23	Sun.	18	P ·50	24 ·38	12	22	Thur.	17	1 ·53	2 ·01	13	23	Tues.	17	2 ·17	8 ·14	15
24	Mon.	19	1 ·43	25 ·34	13	23	Fri.	18	2 ·57	3 ·06	14	24	Wed.	18	3 ·27	9 ·24	16
25	Tues.	20	2 ·39	26 ·32	14	24	Sat.	19	3 ·63	4 ·18	15	25	Thur.	19	4 ·34	10 ·33	17
26	Wed.	21	3 ·36	27 ·32	15	25	Sun.	20	4 ·71	5 ·22	16	26	Fri.	20	5 ·39	11 ·41	18
27	Thur.	22	4 ·36	1 ·34	16	26	Mon.	21	5 ·79	6 ·32	17	27	Sat.	21	6 ·43	12 ·47	19
28	Fri.	23	5 ·57	2 ·38	17	27	Tues.	22	6 ·88	7 ·42	18	28	Sun.	22	7 ·46	13 ·52	20
29	Sat.	24	6 ·39	3 ·44	18	28	Wed.	23	7 ·97	8 ·53	19	—29	Mon.	23	8 ·46	14 ·54	21
30	Sun.	25	7 ·45	4 ·52	19	29	Thur.	24	... ...	9 ·64	20	1	Tues.	24	9 ·44	15 ·54	22
—31	Mon.	26	8 ·51	5 ·61	20	—30	Fri.	25	8 ·04	10 ·73	21	2	Wed.	25	10 ·41	16 ·52	23
1	Tues.	27	9 ·59	6 ·72	21	1	Sat.	26	9 ·10	11 ·80	22	3	Thur.	26	11 ·35	17 ·49	24
2	Wed.	28	10 ·67	7 ·83	22	2	Sun.	27	10 ·14	12 ·85	23	4	Fri.	27	12 ·27	18 ·45	25
3	Thur.	29	11 ·76	8 ·93	23	3	Mon.	28	11 ·14	13 ·88	24	5	Sat.	28	13 ·18	19 ·39	26
4	Fri.	30	12 ·83	... ...	24	4	Tues.	29	12 ·17	14 ·89	25	6	Sun.	29	14 ·09 / A ·99	20 ·32	27
5	Sat.	31	13 ·90	9 ·03	25	5	Wed.	30	13 ·16	15 ·89	26	7	Mon.	30	1 ·89	21 ·25	28
						6	Thur.	31	14 ·12	16 ·86	27	8	Tues.	31	2 ·80	22 ·18	—29

Raktāksha. **Karkataka—Ādi.** *Sukla.* *Bahula.* *H. 477 Rabi-ul awwal.*

Raktāksha. **Kanyā—Puraṭṭāsi.** *Sukla.* *Bahula.* *H. 477 Jamāda'l awwal.*

Raktāksha. **Tulā—Aippaśi.** *Sukla.* *Bahula.* *H. 477 Jamāda'l ākhir.*

Raktāksha. **Vṛiśchika—Kārttigai.** *Sukla.* *Bahula.* *H. 477 Rajab.*

Raktāksha. **Dhanus—Mārgali.** *Sukla.* *Bahula.* *H. 477 Sha'bān.*

Raktāksha. **Makara—Tai.** *Sukla.* *Bahula.* *H. 477 Shawwāl.*

Simha—Āvani. **Śrāvaṇa.** **Bhādrapada.** **Āśvina.** **Kārttika.** **Mārgaśīrsha.** **Pausha.**

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1035. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·73.** **Śaka 1007.** **Kaliyuga 4186.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·69.** **(S. Cycle) Krodhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Wed.	1	3 ·71	23 ·12	1	9	Sat.	1	3 ·66	1 ·59	1	8	Thur.	1	5 ·88	7 ·52	3
10	Thur.	2	4 ·62	24 ·06	2	10	Sun.	2	4 ·65	2 ·60	2	9	Fri.	2	6 ·96	8 ·63	4
11	Fri.	3	5 ·56	25 ·01 / 26 ·97	3	11	Mon.	3	5 ·64	3 ·62	3	10	Sat.	3	... ...	9 ·74	5
12	Sat.	4	6 ·50	27 ·95	4	12	Tues.	4	6 ·66	4 ·67	4	11	Sun.	4	7 ·04	10 ·85	6
13	Sun.	5	*Sukla.* 7 ·47	1 ·95	5	13	Wed.	5	7 ·71	5 ·74	5	12	Mon.	5	8 ·12	11 ·94	7
14	Mon.	6	8 ·41	2 ·96	6	14	Thur.	6	8 ·76	6 ·83	6	13	Tues.	6	9 ·19	... ...	8
15	Tues.	7	9 ·44	. ...	7	15	Fri.	7	9 ·85	7 ·92	7	14	Wed.	7	*Sukla.* 10 ·24	12 ·02	9
16	Wed.	8	10 ·46	3 ·00	8	16	Sat.	8	10 ·93	... ...	8	15	Thur.	8	11 ·28	13 ·09	10
17	Thur.	9	11 ·50	4 ·05	9	17	Sun.	9	... ...	8 ·03	9	16	Fri.	9	12 ·29	14 ·14	11
18	Fri.	10	12 ·55	5 ·13	10	18	Mon.	10	11 ·02	9 ·14	10	17	Sat.	10	13 ·28	15 ·16	12
19	Sat.	11	13 ·62	6 ·22	11	19	Tues.	11	12 ·10	10 ·25	11	18	Sun.	11	14 ·26	16 ·16	13
20	Sun.	12	14 ·71	7 ·33	12	20	Wed.	12	13 ·17	11 ·34	12	19	Mon.	12	**P** ·22	17 ·15	14
21	Mon.	13	**P** ·82	8 ·43	13	21	Thur.	13	14 ·22	12 ·41	13	20	Tues.	13	1 ·14	18 ·11	15
22	Tues.	14	1 ·91	9 ·54	14	22	Fri. ○	14	**P** ·26	13 ·46	14	21	Wed.	14	2 ·06 / 3 ·98	19 ·08	16
23	Wed.	15	2 ·98	10 ·64	15	23	Sat.	15	1 ·26	14 ·50	15						
24	Thur.	16	... ...	11 ·72	16	24	Sun.	16	2 ·25	15 ·52	16	22	Thur.	15	4 ·88	20 ·02 / 21 ·95	17
25	Fri.	17	*Bahula.* 3 ·04	12 ·79	17	25	Mon.	17	3 ·24	16 ·51	17						
26	Sat.	18	4 ·09	13 ·84	18	26	Tues.	18	4 ·18	17 ·49	18	23	Fri.	16	5 ·78	22 ·88	18
27	Sun.	19	5 ·09	14 ·86	19	27	Wed.	19	5 ·12	18 ·45	19	24	Sat.	17	6 ·68	23 ·81	19
28	Mon.	20	6 ·09	15 ·87	20	28	Thur.	20	6 ·05 / 7 ·96	19 ·40	20	25	Sun.	18	*Bahula.* 7 ·58	24 ·75	20
29	Tues.	21	7 ·07	16 ·85	21	29	Fri.	21	8 ·87	20 ·34	21	26	Mon.	19	8 ·48	25 ·69	21
30	Wed.	22	8 ·03 / 9 ·98	17 ·83	22	30	Sat.	22	9 ·77	21 ·28	22	27	Tues.	20	9 ·38	26 ·64	22
31	Thur.	23	10 ·90	18 ·78	23	31	Sun.	23	10 ·67	22 ·21	23	28	Wed.	21	10 ·31	27 ·60	23
1	Fri.	24	11 ·81	19 ·73	24	1	Mon.	24	11 ·57	23 ·14	24	29	Thur.	22	11 ·25	1 ·57	24
2	Sat.	25	12 ·72	20 ·66	25	2	Tues.	25	12 ·47	24 ·07	25	30	Fri.	23	12 ·20	2 ·57	25
3	Sun.	26	13 ·62	21 ·59	26	3	Wed.	26	13 ·37	25 ·01 / 26 ·97	26	31	Sat.	24	13 ·18	3 ·58	26
4	Mon.	27	14 ·52	22 ·53	27	4	Thur.	27	14 ·30	27 ·94	27	1	Sun.	25	14 ·18	4 ·61	27
5	Tues.	28	**A** ·42	23 ·46	28	5	Fri.	28	**A** ·24	1 ·92	28	2	Mon.	26	**A** ·18	5 ·66	28
7	Wed.	29	1 ·33	24 ·40	29	6	Sat.	29	1 ·20	2 ·92	29	3	Tues.	27	1 ·22	6 ·73	29
8	Thur.	30	2 ·25	25 ·34	30	7	Sun.	30	2 ·19	3 ·94	30	4	Wed.	28	*Sukla.* 2 ·28	7 ·82	30
9	Fri.	31	3 ·17	26 ·30	1	8	Mon.	31	3 ·18	4 ·99	1	5	Thur.	29	3 ·34	8 ·93	1
	Feb.						**April.**					6	Fri.	30	4 ·43	... ...	2
10	Sat.	1	4 ·12	27 ·27	2	9	Tues.	1	4 ·21	... ...	2	7	Sat.	31	5 ·51	9 ·04	3
11	Sun.	2	5 ·08	1 ·27	3	10	Wed.	2	5 ·25	5 ·05	3		**June.**				
12	Mon.	3	*Sukla.* 6 ·07	2 ·28	4	11	Thur.	3	6 ·30	6 ·13	4	8	Sun.	1	6 ·59	10 ·14	4
13	Tues.	4	7 ·06	3 ·31	5	12	Fri.	4	7 ·37	7 ·22	5	9	Mon.	2	7 ·66	11 ·24	5
14	Wed.	5	8 ·08	4 ·36	6	13	Sat.	5	8 ·43	8 ·33	6	10	Tues.	3	8 ·72	12 ·33	6
15	Thur.	6	9 ·12	5 ·43	7	14	Sun.	6	9 ·54	9 ·44	7	11	Wed.	4	9 ·76	13 ·41	7
16	Fri.	7	10 ·18	6 ·53	8	15	Mon.	7	10 ·62	10 ·55	8	12	Thur.	5	10 ·76	14 ·45	8
17	Sat.	8	11 ·25	7 ·63	9	16	Tues.	8	11 ·70	11 ·64	9	13	Fri.	6	11 ·76	15 ·48	9
18	Sun.	9	12 ·33	8 ·73	10	17	Wed.	9	12 ·75	12 ·72	10	14	Sat.	7	12 ·74	16 ·49	10
19	Mon.	10	13 ·43	9 ·84	11	18	Thur.	10	13 ·79	13 ·78	11	15	Sun.	8	13 ·70	17 ·48	11
20	Tues.	11	14 ·53	10 ·94	12	19	Fri.	11	14 ·79	14 ·81	12	16	Mon.	9	14 ·64	18 ·46	12
21	Wed.	12	**P** 5·0	... ...	13	20	Sat.	12	**P** ·78	15 ·84	13	17	Tues.	10	**P** ·57	19 ·41	13
22	Thur.	13	1 ·65	11 ·03	14	21	Sun.	13	1 ·77	16 ·84	14	18	Wed.	11	1 ·47	20 ·36	14
23	Fri.	14	2 ·69	12 ·10	15	22	Mon.	14	2 ·71	17 ·82	15	19	Thur.	12	2 ·37	21 ·29	15
24	Sat.	15	3 ·70	13 ·15	16	23	Tues.	15	3 ·64	18 ·78	16	20	Fri.	13	**Adhika Āshādha.** 3 ·27	22 ·22	16
25	Sun.	16	4 ·69	14 ·18	17	24	Wed.	16	4 ·56	19 ·73	17	21	Sat.	14	4 ·17	23 ·16	17
26	Mon.	17	5 ·68	15 ·19	18	25	Thur.	17	5 ·48	20 ·68	18	22	Sun.	15	5 ·07 / 6 ·96	24 ·09	18
27	Tues.	18	6 ·62	16 ·19	19	26	Fri.	18	6 ·38	21 ·62	19						
28	Wed.	19	*Pahula.* 7 ·55	17 ·16	20	27	Sat.	19	*Bahula.* 7 ·28	22 ·54	20	23	Mon.	16	7 ·88	25 ·03 / 26 ·97	19
29	Thur.	20	8 ·48	18 ·12	21	28	Sun.	20	8 ·18	23 ·47	21	24	Tues.	17	8 ·80	27 ·93	20
1	Fri.	21	9 ·41	19 ·06	22	29	Mon.	21	9 ·08 / 10 ·98	24 ·41	22	25	Wed.	18	*Bahula.* 9 ·72	1 ·91	21
2	Sat.	22	10 ·31	20 ·00 / 21 ·93	23	30	Tues.	22	11 ·89	25 ·36	23	26	Thur.	19	10 ·68	2 ·89	22
3	Sun.	23	11 ·21	22 ·87	24	31	Wed.	23	12 ·82	26 ·30	24	27	Fri.	20	11 ·66	3 ·90	23
4	Mon.	24	12 ·11	23 ·80	25	1	Thur.	24	13 ·76	27 ·27	25	28	Sat.	21	12 ·65	4 ·92	24
5	Tues.	25	13 ·01 / 14 ·92	24 ·73	26	2	Fri.	25	14 ·72	1 ·24	26	29	Sun.	22	13 ·66	5 ·97	25
6	Wed.	26	**A** ·84	25 ·68	27	3	Sat.	26	**A** ·70	2 ·24	27	30	Mon.	23	14 ·71	... ...	26
7	Thur.	27	1 ·76	26 ·63	28	4	Sun.	27	*Sukla.* 1 ·69	3 ·26	28	31	Tues.	24	**A** ·76	6 ·04	27
8	Fri.	28	2 ·70	27 ·61	--29	5	Mon.	28	2 ·70	4 ·30	--29	--32	Wed.	25	1 ·82	7 ·13	28
						6	Tues.	29	3 ·75	5 ·36	1	1	Thur.	26	2 ·90	8 ·23	--29
						7	Wed.	30	4 ·81	6 ·43	2	2	Fri.	27	3 ·98	9 ·34	1
												3	Sat.	28	... ...	10 ·44	2
												4	Sun.	29	*Sukla.* 4 ·06	11 ·54	3
												5	Mon.	30	5 ·13	12 ·64	4

Raktāksha. **Makara—Tai.** *Raktāksha.* **Kumbha—Māśi.** *Raktāksha.* **Mīna—Pāṅguni.** *Raktāksha.* **Mīna—Pāṅguni.** *Krodhana.* **Mēsha—Chittirai.** *Krodhana.* **Mithuna—Āni.** *Krodhana.* **Vṛishabha—Vaigāśi.**

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1085. **Kollam 261,** { **N. Malabar—Aug.** **Hijra 478.** **Vikrama 1142.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **April 29.** **Bengal San. 491.**
P—Paurnimā. **(N. Cycle) Vibhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Tues. 1	*Sukla.* 6 ·19	13 ·71	5	6	Mon. 1	{ 9 ·08	20 ·36	8	7	Sat. 1	12 ·63	27 ·60	10
7	Wed. 2	7 ·24	14 ·77	6			{ 10 ·99			8	Sun. 2	13 ·55	1 ·55	11
8	Thur. 3	8 ·25	15 ·80	7	7	Tues. 2	11 ·90	21 ·31	9	9	Mon. 3	14 ·49	2 ·53	12
9	Fri. 4	9 ·24	16 ·81	8	8	Wed. 3	12 ·81	22 ·25	10	10	Tues. 4	P ·46	3 ·52	13
10	Sat. 5	10 ·21	17 ·81	9	9	Thur. 4	13 ·71	23 ·18	11	11	Wed. 5	1 ·44	4 ·52	14
11	Sun. 6	11 ·17	18 ·79	10	10	Fri. 5	14 ·61	24 ·11	12	12	Thur. 6	2 ·44	5 ·54	15
12	Mon. 7	12 ·11	19 ·75	11				25 ·04		13	Fri. 7	3 ·46	6 ·58	16
		{ 13 ·04			11	Sat. ○ 6	P ·51	26 ·99	13	14	Sat. 8	4 ·49	7 ·65	17
13	Tues. 8	14 ·95	20 ·69	12						15	Sun. 9	5 ·55	8 ·74	18
14	Wed. 9	P ·85	21 ·63	13	12	Sun. 7	1 ·42	27 ·98	14	16	Mon. 10	6 ·63	9 ·84	19
15	Thur. 10	1 ·75	22 ·57	14	13	Mon. 8	2 ·35	1 ·89	15	17	Tues. 11	7 ·73	10 ·94	20
16	Fri. 11	2 ·65	23 ·50	15	14	Tues. 9	3 ·29	2 ·87	16	18	Wed. 12	8 ·81	... ...	21
17	Sat. 12	3 ·55	24 ·43	16	15	Wed. 10	4 ·23	3 ·86	17	19	Thur. 13	9 ·89	11 ·05	22
18	Sun. 13	4 ·45	25 ·36	17	16	Thur. 11	5 ·22	4 ·88	18	20	Fri. 14	10 ·97	12 ·15	23
19	Mon. 14	5 ·36	26 ·31	18	17	Fri. 12	6 ·22	5 ·91	19	21	Sat. 15	.. ..	13 ·25	24
20	Tues. 15	6 ·28	27 ·26	19	18	Sat. 13	7 ·23	6 ·97	20	22	Sun. 16	11 ·05	14 ·33	25
21	Wed. 16	7 ·22	1 ·23	20	19	Sun. 14	8 ·27	.. ...	21	23	Mon. 17	12 ·08	15 ·38	26
22	Thur. 17	8 ·17	2 ·22	21	20	Mon. 15	9 ·33	7 ·04	22	24	Tues. 18	13 ·10	16 ·42	27
23	Fri. 18	9 ·15	3 ·22	22	21	Tues. 16	10 ·39	8 ·13	23	25	Wed. 19	14 ·10	17 ·43	28
24	Sat. 19	10 ·14	4 ·24	23	22	Wed. 17	11 ·48	9 ·24	24	26	Thur. 20	—A ·07	18 ·44	29
25	Sun. 20	11 ·15	5 ·28	24	23	Thur. 18	12 ·57	10 ·35	25			{ 1 ·04		
26	Mon. 21	12 ·19	6 ·35	25	24	Fri. 19	13 ·68	11 ·45	26	27	Fri. 21	2 ·98	19 ·41	—30
27	Tues. 22	13 ·24	7 ·44	26	25	Sat. 20	14 ·73	12 ·55	27					
28	Wed. 23	14 ·31	8 ·53	27	26	Sun. 21	—A ·78	13 ·63	28	28	Sat. 22	3 ·91	20 ·37	1
29	Thur. 24	—A ·39	9 ·63	28	27	Mon. 22	1 ·83	14 ·70	29	29	Sun. 23	4 ·83	21 ·32	2
30	Fri. 25	1 ·47	10 ·74	29	28	Tues. 23	2 ·85	15 ·76	—30	—30	Mon. 24	5 ·74	22 ·26	3
—31	Sat. 26	2 ·56	11 ·85	—30	29	Wed. 24	3 ·85	16 ·78	1	1	Tues. 25	6 ·64	23 ·20	4
1	Sun. 27	3 ·63	12 ·95	1	30	Thur. 25	4 ·83	17 ·79	2	2	Wed. 26	7 ·54	24 ·13	5
2	Mon. 28	4 ·68	... ...	2	—31	Fri. 26	5 ·79	18 ·77	3				{ 25 ·06	
3	Tues. 29	5 ·72	13 ·02	3	1	Sat. 27	6 ·74	19 ·74	4	3	Thur. 27	8 ·44	26 ·99	6
4	Wed. 30	6 ·75	14 ·08	4	2	Sun. 28	7 ·66	20 ·71	5	4	Fri. 28	9 ·35	27 ·94	7
5	Thur. 31	7 ·74	15 ·12	5	3	Mon. 29	8 ·58	21 ·65	6	5	Sat. 29	10 ·27	1 ·90	8
					4	Tues. 30	9 ·49	22 ·59	7	6	Sun. 30	11 ·19	2 ·86	9
	Aug.					**Oct.**					**Dec.**			
6	Fri. 1	8 ·72	16 ·14	6	5	Wed. 1	10 ·39	23 ·52	8	7	Mon. 1	12 ·14	3 ·84	10
7	Sat. 2	9 ·68	17 ·14	7	6	Thur. 2	11 ·29	24 ·45	9	8	Tues. 2	13 ·10	4 ·84	11
8	Sun. 3	10 ·62	18 ·12	8	7	Fri. 3	12 ·19	25 ·39	10	9	Wed. 3	14 ·08	5 ·86	12
9	Mon. 4	11 ·54	19 ·08	9	8	Sat. 4	13 ·10	26 ·32	11	10	Thur. 4	P ·09	6 ·90	13
			20 ·03				{ 14 ·01			11	Fri. 5	1 ·11	7 ·96	14
10	Tues. 5	12 ·45	21 ·98	10	9	Sun. 5	P ·94	27 ·27	12	12	Sat. 6	2 ·15	... ...	15
11	Wed. 6	13 ·36	22 ·91	11	10	Mon. 6	1 ·83	1 ·22	13	13	Sun. 7	3 ·21	8 ·04	16
12	Thur. 7	14 ·26	23 ·84	12	11	Tues. 7	2 ·84	2 ·19	14	14	Mon. 8	4 ·30	9 ·14	17
13	Fri. 8	P ·16	24 ·77	13	12	Wed. 8	3 ·82	3 ·19	15	15	Tues. 9	5 ·39	10 ·24	18
		{ 1 ·06			13	Thur. 9	4 ·82	4 ·20	16	16	Wed. 10	6 ·47	11 ·35	19
14	Sat. 9	2 ·57	25 ·70	14	14	Fri. 10	5 ·83	5 ·23	17	17	Thur. 11	7 ·55	12 ·46	20
15	Sun. 10	3 ·88	26 ·64	15	15	Sat. 11	6 ·86	6 ·28	18	18	Fri. 12	8 ·62	13 ·55	21
16	Mon. 11	4 ·79	27 ·60	16	16	Sun. 12	7 ·93	7 ·34	19	19	Sat. 13	9 ·69	14 ·63	22
17	Tues. 12	5 ·73	1 ·56	17	17	Mon. 13	.. ..	8 ·41	20	20	Sun. 14	10 ·72	15 ·69	23
18	Wed. 13	6 ·68	2 ·54	18	18	Tues. 14	8 ·00	9 ·54	21	21	Mon. 15	11 ·75	16 ·73	24
19	Thur. 14	7 ·67	3 ·54	19	19	Wed. 15	9 ·09	10 ·64	22	22	Tues. 16	12 ·74	17 ·76	25
20	Fri. 15	8 ·66	4 ·55	20	20	Thur. 16	10 ·18	11 ·75	23	23	Wed. 17	13 ·72	18 ·76	26
21	Sat. 16	9 ·68	5 ·60	21	21	Fri. 17	11 ·26	12 ·85	24	24	Thur. 18	14 ·69	19 ·74	27
22	Sun. 17	10 ·71	6 ·66	22	22	Sat. 18	12 ·33	13 ·94	25	25	Fri. 19	—A ·62	20 ·71	28
23	Mon. 18	11 ·77	7 ·74	23	23	Sun. 19	13 ·39	... ...	26	26	Sat. 20	1 ·55	21 ·66	—29
24	Tues. 19	12 ·83	8 ·83	24	24	Mon. 20	14 ·44	14 ·02	27	27	Sun. 21	2 ·46	22 ·61	1
25	Wed. 20	13 ·93	9 ·93	25	25	Tues. 21	—A ·46	15 ·07	28	28	Mon. 22	3 ·37	23 ·54	2
26	Thur. 21	... ...	... ...	26	26	Wed. 22	1 ·46	16 ·10	—29	—29	Tues. 23	4 ·28	24 ·47	3
27	Fri. 22	14 ·00	10 ·05	27	27	Thur. 23	2 ·44	17 ·11	1	1	Wed. 24	5 ·18	25 ·40	4
28	Sat. 23	—A ·08	11 ·15	28	28	Fri. 24	3 ·41	18 ·10	2			{ 6 ·08		
29	Sun. 24	1 ·15	12 ·25	—29	—29	Sat. 25	4 ·35	19 ·08	3	2	Thur. 25	7 ·99	26 ·33	5
30	Mon. 25	2 ·21	13 ·33	1				20 ·04		3	Fri. 26	8 ·91	27 ·27	6
—31	Tues. 26	3 ·26	14 ·39	2	1	Sun. 26	5 ·28	21 ·99	4	4	Sat. 27	9 ·83	1 ·23	7
1	Wed. 27	4 ·27	15 ·44	3	2	Mon. 27	6 ·19	22 ·92	5	5	Sun. 28	10 ·79	2 ·19	8
2	Thur. 28	5 ·27	16 ·46	4	3	Tues. 28	7 ·10	23 ·85	6	6	Mon. 29	11 ·74	3 ·16	9
3	Fri. 29	6 ·25	17 ·46	5	4	Wed. 29	{ 8 ·01	24 ·79	7	7	Tues. 30	12 ·73	4 ·16	10
4	Sat. 30	7 ·22	18 ·44	6			{ 9 91			8	Wed. 31	13 ·73	5 ·17	11
5	Sun. 31	8 ·16	19 ·41	7	5	Thur. 30	10 ·81	25 ·72	8					
					6	Fri. 31	11 ·72	26 ·66	9					

Krodhana. **Karkataka—Ādi.** *Bahula.* **Nija Āshādha.** *H. 478 Rabi-ul awwal.*

Krodhana. **Kanyā—Purattāsi.** *Bahula.* **Bhādrapada.** *H. 478 Jamāda'l awwal.*

Krodhana. **Vriśchira—Kārttigai.** *Bahula.* **Kārttika.** *H. 478 Rajab.*

Krodhana. **Simha—Āvani.** *Bahula.* **Śrāvana.** *H. 478 Rab-ut ākhir.*

Krodhana. **Tulā—Aippasi.** *Bahula.* **Āśvina.** *H. 478 Jamāda'l ākhir.*

Krodhana. **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *H. 478 Sha'bān.*

Krodhana. **Makara—Tai.** *Sukla.* **Pausha.** *H. 478 Ramazān.*

13. Hasta. 14. Chit. 15 Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1086. **Mēsha Sankrānti.** (Commencement of the Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·99.** **Śaka 1008.** **Kaliyuga 4187.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·95.** **(S. Cycle) Kshaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
	Thur.	1	14 ·76	6 ·22	12		Sun.	1	13 ·16	10 ·14	12		Fri.	1	P ·60	16 ·31	14
	Fri.	2	P ·80	7 ·27	13		Mon.	2	14 ·25	11 ·25	13		Sat.	2	1 ·61	17 ·35	15
	Sat.	3	1 ·86	8 ·35	14		Tues.○	3	P ·34	12 ·36	14		Sun.	3	2 ·60	18 ·38	16
	Sun.	4	2 ·95	9 ·44	15		Wed.	4	1 ·42	13 ·46	15		Mon.	4	3 ·58	19 ·38	17
	Mon.	5	... ...	10 ·54	16		Thur.	5	2 ·48	14 ·55	16		Tues.	5	4 ·53	20 ·37	18
	Tues.	6	3 ·03	11 ·65	17		Fri.	6	3 ·53	15 ·63	17		Wed.	6	5 ·46	21 ·33	19
	Wed.	7	4 ·12	12 ·76	18		Sat.	7	4 ·57	16 ·68	18		Thur.	7	6 ·38	22 ·29	20
	Thur.	8	5 ·20	13 ·86	19		Sun.	8	5 ·57	17 ·72	19		Fri.	8	7 ·29	23 ·24	21
	Fri.	9	6 ·28	14 ·94	20		Mon.	9	6 ·57	18 ·73	20		Sat.	9	8 ·19	24 ·17	22
	Sat.	10	7 ·34	... ...	21		Tues.	10	7 ·53	19 ·72	21		Sun.	10	9 ·09	25 ·10	23
	Sun.	11	8 ·36	15 ·00	22		Wed.	11	8 ·49	20 ·71	22				10 ·99		
	Mon.	12	9 ·38	16 ·06	23		Thur.	12	9 ·43	21 ·67	23		Mon.	11	11 ·89	26 ·08	24
	Tues.	13	10 ·38	17 ·08	24		Fri.	13	10 ·35	22 ·62	24					27 ·96	
	Wed.	14	11 ·36	18 ·09	25		Sat.	14	11 ·27	23 ·55	25		Tues.	12	12 ·79	1 ·90	25
	Thur.	15	12 ·32	19 ·07	26		Sun.	15	12 ·16	24 ·49	26		Wed.	13	13 ·71	2 ·86	26
	Fri.	16	13 ·25	20 ·04	27		Mon.	16	13 ·06	25 ·43	27		Thur.	14	14 ·63	3 ·82	27
	Sat.	17	14 ·17	21 ·00	28				14 ·96				Fri.	15	A ·56	4 ·79	28
				22 ·94			Tues.	17	A ·86	26 ·36	28		Sat.	16	1 ·53	5 ·78	29
	Sun.	18	A ·09	23 ·88	29		Wed.	18	1 ·76	27 ·29	29		Sun.	17	2 ·51	6 ·79	30
	Mon.	19	1 ·00	24 ·81	30		Thur.	19	2 ·68	1 ·23	30		Mon.	18	3 ·50	7 ·88	1
			2 ·90				Fri.	20	3 ·61	2 ·18	1		Tues.	19	4 ·53	8 ·88	2
	Tues.	20	3 ·80	25 ·74	1		Sat.	21	4 ·55	3 ·16	2		Wed.	20	5 ·57	9 ·96	3
	Wed.	21	4 ·71	26 ·67	2		Sun.	22	5 ·52	4 ·14	3		Thur.	21	6 ·62	... ...	4
	Thur.	22	5 ·62	27 ·62	3		Mon.	23	6 ·50	5 ·14	4		Fri.	22	7 ·69	10 ·04	5
	Fri.	23	6 ·48	1 ·56	4		Tues.	24	7 ·50	6 ·16	5		Sat.	23	8 ·76	11 ·14	6
	Sat.	24	7 ·46	2 ·52	5		Wed.	25	8 ·58	7 ·20	6		Sun.	24	9 ·85	12 ·26	7
	Sun.	25	8 ·41	3 ·49	6		Thur.	26	9 ·56	8 ·26	7		Mon.	25	10 ·93	13 ·37	8
	Mon.	26	9 ·36	4 ·48	7		Fri.	27	10 ·62	9 ·35	8		Tues.	26	... ..	14 ·46	9
	Tues.	27	10 ·35	5 ·50	8		Sat.	28	11 ·70	10 ·44	9		Wed.	27	11 ·00	15 ·55	10
	Wed.	28	11 ·35	6 ·53	9		Sun.	29	12 ·78	11 ·55	10		Thur.	28	12 ·05	16 ·62	11
	Thur.	29	12 ·38	7 ·58	10		Mon.	30	13 ·86	12 ·65	11		Fri.	29	13 ·08	17 ·67	12
	Fri.	30	13 ·42	8 ·65	11		Tues.	31	14 ·96	13 ·76	12		Sat.	30	14 ·09	18 ·70	13
	Sat.	31	14 ·49	9 ·74	12								Sun.	31	P ·08	19 ·71	14
		Feb.						**April.**						**June.**			
	Sun.	1	P ·58	10 ·85	13		Wed.	1	:: ::	14 ·88	13		Mon.	1	1 ·06	20 ·70	15
	Mon.	2	1 ·67	11 ·95	14		Thur.	2	P :: ·02	15 ·94	14				2 ·01		
	Tues.	3	2 ·75	... ...	15		Fri.	3	1 ·08	... ...	15		Tues.	2	3 ·95	21 ·67	16
	Wed.	4	3 ·83	12 ·06	16		Sat.	4	2 ·11	16 ·00	16		Wed.	3	4 ·87	22 ·63	17
	Thur.	5	4 ·90	13 ·16	17		Sun.	5	3 ·10	17 ·03	17		Thur.	4	5 ·78	23 ·58	18
	Fri.	6	5 ·95	14 ·24	18		Mon.	6	4 ·10	18 ·05	18		Fri.	5	6 ·68	24 ·51	19
	Sat.	7	6 ·99	15 ·31	19		Tues.	7	5 ·07	19 ·06	19		Sat.	6	7 ·58	25 ·44	20
	Sun.	8	7 ·99	16 ·37	20				6 ·02				Sun.	7	8 ·48	26 ·37	21
	Mon.	9	8 ·99	17 ·40	21		Wed.	8	7 ·96	20 ·04	20		Mon.	8	9 ·38	27 ·30	22
	Tues.	10	9 ·96	18 ·41	22					21 ·00			Tues.	9	10 ·28	1 ·25	23
	Wed.	11	10 ·91	19 ·40	23		Thur.	9	8 ·88	22 ·95	21		Wed.	10	11 ·19	2 ·19	24
	Thur.	12	11 ·86	20 ·37	24		Fri.	10	9 ·79	23 ·89	22		Thur.	11	12 ·10	3 ·15	25
	Fri.	13	12 ·78	21 ·34	25		Sat.	11	10 ·69	24 ·84	23		Fri.	12	13 ·05	4 ·12	26
	Sat.	14	13 ·70	22 ·28	26		Sun.	12	11 ·59	25 ·76	24				14 ·00		
	Sun.	15	14 ·60	23 ·22	27		Mon.	13	12 ·49	26 ·69	25		Sat.	13	A ·98	5 ·10	27
	Mon.	16	A ·50	24 ·15	28		Tues.	14	13 ·39	27 ·63	26		Sun.	14	1 ·97	6 ·12	28
	Tues.	17	1 ·40	25 ·08	29		Wed.	15	14 ·29	1 ·57	27		Mon.	15	... ..	7 ·15	29
				26 ·02			Thur.	16	A ·21	2 ·52	28		Tues.	16	2 ·00	8 ·19	1
	Wed.	18	2 ·30	27 ·95	1		Fri.	17	1 ·13	3 ·49	29		Wed.	17	3 ·04	9 ·26	2
	Thur.	19	3 ·21	1 ·90	2		Sat.	18	2 ·08	4 ·46	1		Thur.	18	4 ·10	10 ·34	3
	Fri.	20	4 ·12	2 ·85	3		Sun.	19	3 ·04	5 ·46	2		Fri.	19	5 ·16	11 ·45	4
	Sat.	21	5 ·05	3 ·82	4		Mon.	20	4 ·01	6 ·47	3		Sat.	20	6 ·23	12 ·56	5
			6 ·99				Tues.	21	5 ·01	7 ·51	4		Sun.	21	7 ·31	13 ·66	6
	Sun.	22	7 ·97	4 ·81	5		Wed.	22	6 ·04	8 ·58	5		Mon.	22	8 ·39	14 ·76	7
	Mon.	23	8 ·95	5 ·82	6		Thur.	23	7 ·08	9 ·65	6		Tues.	23	9 ·48	15 ·85	8
	Tues.	24	9 ·94	6 ·84	7		Fri.	24	8 ·13	10 ·74	7		Wed.	24	10 ·53	16 ·93	9
	Wed.	25	10 ·97	7 ·89	8		Sat.	25	9 ·21	11 ·85	8		Thur.	25	11 ·57	17 ·99	10
	Thur.	26	... ...	8 ·95	9		Sun.	26	10 ·29	12 ·95	9		Fri.	26	12 ·57	... ...	11
	Fri.	27	11 ·01	... ...	10		Mon.	27	11 ·37	... ...	10		Sat.	27	13 ·56	18 ·02	12
	Sat.	28	12 ·08	9 ·05	11		Tues.	28	12 ·46	13 ·07	11		Sun.	28	14 ·54	19 ·03	13
							Wed.	29	13 ·52	14 ·16	12		Mon.	29	P ·48	20 ·02	14
							Thur.	30	14 ·58	15 ·24	13		Tues.	30	1 ·43	21 ·00	15
																22 ·96	

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1086. **Kollam 262,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 479.** Commences **April 18.** **Vikrama 1143.** **Bengal San. 492.**
A—Amāvāsyā. **P—Paurnimā.** **(N. Cycle) Śukla.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Kshaya. **Karkataka—Ādi.** 6	Wed. 1	**Āsh.** 2 ·36	23 ·91	16
7	Thur. 2	3 ·28	24 ·85	17
8	Fri. 3	4 ·17	25 ·78	18
9	Sat. 4	5 ·06 / 6 ·96	26 ·71	19
10	Sun. 5	7 ·86	27 ·65	20
11	Mon. 6	8 ·77	1 ·58	21
12	Tues. 7	9 ·68	2 ·53	22
13	Wed. 8	10 ·60	3 ·48	23
14	Thur. 9	11 ·53	4 ·44	24
15	Fri. 10	12 ·49	5 ·44	25
16	Sat. 11	13 ·47	6 ·44	26
17	Sun. 12	14 ·46	7 ·46	27
18	Mon. 13	—**A** ·48	8 ·50	28
19	Tues. 14	1 ·51	9 ·56	29
20	Wed. 15	2 ·57	10 ·66	—30
21	Thur. 16	3 ·64	11 ·75	1
22	Fri. 17	4 ·73	12 ·86	2
23	Sat. 18	5 ·82	13 ·96	3
24	Sun. 19	6 ·90	... ...	4
25	Mon. 20	7 ·96	14 ·06	5
26	Tues. 21	... ...	15 ·16	6
27	Wed. 22	8 ·01	16 ·24	7
28	Thur. 23	9 ·05	17 ·30	8
29	Fri. 24	10 ·06	18 ·34	9
30	Sat. 25	11 ·06	19 ·35	10
—31	Sun. 26	12 ·03	20 ·35	11
1	Mon. 27	13 ·00 / 14 ·94	21 ·34	12
2	Tues. 28	**P** ·86	22 ·30	13
3	Wed. 29	1 ·77	23 ·25	14
4	Thur. 30	2 ·67	24 ·19	15
5	Fri. 31	3 ·57	25 ·12	16
	Aug.			
Kshaya. **Simha—Āvani.** 6	Sat. 1	4 ·47	26 ·06 / 27 ·99	17
7	Sun. 2	5 ·37	1 ·92	18
8	Mon. 3	6 ·27	2 ·86	19
9	Tues. 4	7 ·18	3 ·81	20
10	Wed. 5	8 ·11	4 ·78	21
11	Thur. 6	9 ·05	5 ·76	22
12	Fri. 7	10 ·00 / 11 ·98	6 ·76	23
13	Sat. 8	12 ·98	7 ·77	24
14	Sun. 9	13 ·99	8 ·81	25
15	Mon. 10	... ...	9 ·88	26
16	Tues. 11	14 ·02	10 ·96	27
17	Wed. ●12	—**A** ·08	... ...	28
18	Thur. 13	1 ·14	11 ·05	—29
19	Fri. 14	2 ·23	12 ·15	1
20	Sat. 15	3 ·32	13 ·25	2
21	Sun. 16	4 ·40	14 ·36	3
22	Mon. 17	5 ·48	15 ·47	4
23	Tues. 18	6 ·54	16 ·55	5
24	Wed. 19	7 ·57	17 ·61	6
25	Thur. 20	8 ·59	18 ·65	7
26	Fri. 21	9 ·59	19 ·67	8
27	Sat. 22	10 ·56	20 ·68	9
28	Sun. 23	11 ·53	21 ·66	10
29	Mon. 24	12 ·46	22 ·63	11
30	Tues. 25	13 ·39	23 ·58	12
—31	Wed. 26	14 ·31	24 ·52	13
1	Thur. ○27	**P** ·21	25 ·47	14
2	Fri. 28	1 ·11	26 ·40	15
3	Sat. 29	2 ·01 / 3 ·90	27 ·33	16
4	Sun. 30	4 ·81	1 ·26	17
5	Mon. 31	5 ·73	2 ·20	18

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Kshaya. **Kanyā—Purattāśi.** 6	Tues. 1	**Bhād.** 6 ·65	3 ·15	19
7	Wed. 2	7 ·59	4 ·11	20
8	Thur. 3	8 ·54	5 ·09	21
9	Fri. 4	9 ·52	6 ·08	22
10	Sat. 5	10 ·52	7 ·09	23
11	Sun. 6	11 ·53	8 ·12	24
12	Mon. 7	12 ·57	9 ·19	25
13	Tues. 8	13 ·62	10 ·26	26
14	Wed. 9	14 ·70	11 ·35	27
15	Thur. 10	—**A** ·78	12 ·45	28
16	Fri. 11	1 ·86	13 ·56	29
17	Sat. 12	2 ·96	14 ·67	—30
18	Sun. 13	... ...	15 ·77	1
19	Mon. 14	3 ·04	16 ·85	2
20	Tues. 15	4 ·10	17 ·92	3
21	Wed. 16	5 ·13	18 ·97	4
22	Thur. 17	6 ·16	... ...	5
23	Fri. 18	7 ·15	19 ·00 / 20 ·01	6
24	Sat. 19	8 ·12	21 ·99	7
25	Sun. 20	9 ·09	22 ·96	8
26	Mon. 21	10 ·03 / 11 ·96	23 ·92	9
27	Tues. 22	12 ·87	24 ·87	10
28	Wed. 23	13 ·78	25 ·81	11
29	Thur. 24	14 ·58	26 ·74	12
30	Fri. 25	**P** ·58	27 ·66	13
—31	Sat. 26	1 ·48	1 ·60	14
1	Sun. 27	2 ·38	2 ·54	15
2	Mon. 28	3 ·30	3 ·49	16
3	Tues. 29	4 ·23	4 ·44	17
4	Wed. 30	5 ·18	5 ·41	18
	Oct.			
Kshaya. **Tulā—Aippaśi.** 5	Thur. 1	6 ·13	6 ·40	19
6	Fri. 2	7 ·12	7 ·41	20
7	Sat. 3	8 ·11	8 ·45	21
8	Sun. 4	9 ·12	9 ·50	22
9	Mon. 5	10 ·17	10 ·56	23
10	Tues. 6	11 ·23	11 ·65	24
11	Wed. 7	12 ·30	12 ·75	25
12	Thur. 8	13 ·38	13 ·87	26
13	Fri. 9	14 ·48	14 ·97	27
14	Sat. 10	—**A** ·56	... ...	28
15	Sun. 11	1 ·63	15 ·07	—29
16	Mon. 12	2 ·69	16 ·16	1
17	Tues. 13	3 ·72	17 ·23	2
18	Wed. 14	4 ·74	18 ·29	3
19	Thur. 15	5 ·75	19 ·32	4
20	Fri. 16	6 ·73	20 ·33	5
21	Sat. 17	7 ·68	21 ·32	6
22	Sun. 18	8 ·64	22 ·29	7
23	Mon. 19	9 ·57	23 ·26	8
24	Tues. 20	10 ·47	24 ·21	9
25	Wed. 21	11 ·37	25 ·14	10
26	Thur. 22	12 ·27	26 ·07	11
27	Fri. 23	13 ·17	27 ·00 / 1 ·93	12
28	Sat. 24	**Kārttika.** 14 ·08	2 ·88	13
29	Sun. 25	**P** ·00 / 1 ·92	3 ·82	14
—30	Mon. 26	2 ·84	4 ·77	15
1	Tues. 27	3 ·79	5 ·74	16
2	Wed. 28	4 ·74	6 ·72	17
3	Thur. 29	5 ·73	7 ·74	18
4	Fri. 30	6 ·72	8 ·76	19
5	Sat. 31	7 ·75	9 ·81	20

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Kshaya. **Vriśchika—Kārttigai.** 6	Sun. 1	**Mūla.** 8 ·79	10 ·87	21
7	Mon. 2	9 ·84	11 ·95	22
8	Tues. 3	10 ·93	... ...	23
9	Wed. 4	... ...	12 ·06	24
10	Thur. 5	11 ·02	13 ·16	25
11	Fri. 6	12 ·11	14 ·27	26
12	Sat. 7	13 ·19	15 ·37	27
13	Sun. 8	14 ·27	16 ·46	28
14	Mon. 9	—**A** ·33	17 ·55	29
15	Tues. 10	1 ·37	18 ·60	—30
16	Wed. 11	2 ·38	19 ·64	1
17	Thur. 12	3 ·38	20 ·65	2
18	Fri. 13	4 ·36	21 ·65	3
19	Sat. 14	5 ·31	22 ·63	4
20	Sun. 15	6 ·26	23 ·59	5
21	Mon. 16	7 ·18	24 ·54	6
22	Tues. 17	8 ·10	25 ·48	7
23	Wed. 18	9 ·01 / 10 ·91	26 ·41	8
24	Thur. 19	11 ·81	27 ·34	9
25	Fri. 20	12 ·71	1 ·28	10
26	Sat. 21	13 ·62	2 ·21	11
27	Sun. 22	14 ·54	3 ·15	12
28	Mon. 23	**P** ·48	4 ·11	13
—29	Tues. 24	1 ·43	5 ·07	14
1	Wed. 25	2 ·38	6 ·06	15
2	Thur. 26	3 ·37	7 ·06	16
3	Fri. 27	4 ·36	8 ·08	17
4	Sat. 28	5 ·40	9 ·12	18
5	Sun. 29	6 ·44	10 ·18	19
6	Mon. 30	7 ·51	11 ·26	20
	Dec.			
Kshaya. **Dhanus—Mārgali.** 7	Tues. 1	**Mūla.** 8 ·60	12 ·36	21
8	Wed. 2	9 ·68	13 ·46	22
9	Thur. 3	10 ·76	14 ·57	23
10	Fri. 4	11 ·84	15 ·67	24
11	Sat. 5	12 ·92	16 ·77	25
12	Sun. 6	13 ·97	17 ·85	26
13	Mon. 7	... ...	18 ·91	27
14	Tues. 8	14 ·01	19 ·95	28
15	Wed. 9	—**A** ·03	20 ·97	—29
16	Thur. 10	1 ·03	21 ·97	1
17	Fri. 11	2 ·00 / 3 ·96	22 ·96	2
18	Sat. 12	4 ·90	23 ·93	3
19	Sun. 13	5 ·83	24 ·88	4
20	Mon. 14	6 ·75	25 ·82	5
21	Tues. 15	7 ·66	26 ·75	6
22	Wed. 16	8 ·56	27 ·69	7
23	Thur. 17	9 ·46	1 ·62	8
24	Fri. 18	10 ·36	2 ·55	9
25	Sat. 19	11 ·27	3 ·49	10
26	Sun. 20	12 ·18	4 ·44	11
27	Mon. 21	13 ·12	5 ·41	12
28	Tues. 22	14 ·07	6 ·38	13
29	Wed. 23	**P** ·03	7 ·38	14
—30	Thur. 24	1 ·01	8 ·39	15
Kshaya. **Makara—Tai.** 1	Fri. 25	2 ·02	9 ·43	16
2	Sat. 26	3 ·04	10 ·49	17
3	Sun. 27	4 ·08	11 ·57	18
4	Mon. 28	5 ·16	12 ·66	19
5	Tues. 29	6 ·24	13 ·78	20
6	Wed. 30	7 ·32	14 ·86	21
7	Thur. 31	8 ·41	15 ·98	22

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1087. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·25.** **Śaka 1009.** **Kaliyuga 4188.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·21.** **(S. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Fri. 1	9 ·51	... ...	23	8	Mon. 1	9 ·88	20 ·94	23	8	Sat. 1	11 ·81	26 ·45	24
9	Sat. 2	10 ·57	16 ·08	24	9	Tues. 2	10 ·87	21 ·95	24	9	Sun. 2	12 ·51	27 ·39	25
10	Sun. 3	11 ·62	17 ·16	25	10	Wed. 3	11 ·84	22 ·94	25	10	Mon. 3	13 ·41	1 ·32	26
11	Mon. 4	12 ·65	18 ·22	26	11	Thur. 4	12 ·79	23 ·92	26	11	Tues. 4	14 ·31	2 ·25	27
12	Tues. 5	13 ·67	19 ·27	27	12	Fri. 5	13 ·72	24 ·89	27	12	Wed. 5	—A ·21	3 ·18	28
13	Wed. 6	14 ·67	20 ·29	28	13	Sat. 6	14 ·65	25 ·84	28	13	Thur. 6	1 ·11	4 ·12	29
14	Thur. 7	—A ·64	21 ·31	29	14	Sun. 7	—A ·57	26 ·77	29	14	Fri. 7	2 ·02	5 ·08	—30
15	Fri. 8	1 ·60	22 ·29	—30	15	Mon. 8	1 ·48	27 ·71	—30			3 ·95		
16	Sat. 9	2 ·53	23 ·26	1	16	Tues. 9	2 ·38	1 ·64	1	15	Sat. 8	4 ·89	6 ·04	1
17	Sun. 10	3 ·46	24 ·21	2	17	Wed. 10	3 ·28	2 ·57	2	16	Sun. 9	5 ·85	7 ·01	2
18	Mon. 11	4 ·38	25 ·15	3	18	Thur. 11	4 ·18	3 ·51	3	17	Mon. 10	6 ·83	8 ·00	3
19	Tues. 12	5 ·29	26 ·10	4	19	Fri. 12	5 ·08	4 ·45	4	18	Tues. 11	7 ·82	9 ·01	4
20	Wed. 13	6 ·19	27 ·03 / 1 ·96	5			6 ·99			19	Wed. 12	8 ·84	10 ·04	5
					20	Sat. 13	7 ·92	5 ·40	5	20	Thur. 13	9 ·88	11 ·10	6
21	Thur. 14	7 ·09 / 8 ·99	2 ·89	6	21	Sun. 14	8 ·86	6 ·37	6	21	Fri. 14	10 ·95	12 ·18	7
					22	Mon. 15	9 ·82	7 ·35	7	22	Sat. 15	... ...	13 ·26	8
22	Fri. 15	9 ·89	3 ·83	7	23	Tues. 16	10 ·81	8 ·36	8	23	Sun. 16	11 ·03	14 ·36	9
23	Sat. 16	10 ·81	4 ·78	8	24	Wed. 17	11 ·80	9 ·38	9	24	Mon. 17	12 ·11	15 ·47	10
24	Sun. 17	11 ·75	5 ·74	9	25	Thur. 18	12 ·84	10 ·42	10	25	Tues. 18	13 ·19	16 ·59	11
25	Mon. 18	12 ·70	6 ·71	10	26	Fri. 19	13 ·88	11 ·48	11	26	Wed. 19	14 ·27	17 ·68	12
26	Tues. 19	13 ·66	7 ·70	11	27	Sat. 20	14 ·94	12 ·56	12	27	Thur. 20	P ·32	18 ·77	13
27	Wed. 20	14 ·64	8 ·71	12	28	Sun. 21	P ...	13 ·66	13	28	Fri. 21	1 ·37	19 ·84	14
28	Thur. 21	P ·65	9 ·75	13	29	Mon. 22	·02	14 ·77	14	29	Sat. 22	2 ·42	20 ·88	15
—29	Fri. 22	1 ·68	10 ·80	14	—30	Tues. 23	1 ·11	15 ·87	15	30	Sun. 23	3 ·43	21 ·92	16
1	Sat. 23	2 ·73	11 ·87	15	1	Wed. 24	2 ·20	16 ·98	16	31	Mon. 24	4 ·41	22 ·93	17
2	Sun. 24	3 ·79	12 ·96	16	2	Thur. 25	3 ·28	... ...	17	—32	Tues. 25	5 ·38	23 ·91	18
3	Mon. 25	4 ·86	... ...	17	3	Fri. 26	4 ·34	17 ·07	18	1	Wed. 26	6 ·34	24 ·89	19
4	Tues. 26	5 ·95	13 ·06	18	4	Sat. 27	5 ·38	18 ·16	19	2	Thur. 27	7 ·26	25 ·84	20
5	Wed. 27	... ...	14 ·16	19	5	Sun. 28	6 ·41	19 ·22	20	3	Fri. 28	8 ·18	26 ·80	21
6	Thur. 28	6 ·05	15 ·28	20	6	Mon. 29	7 ·42	20 ·25	21			9 ·09		
7	Fri. 29	7 ·13	16 ·38	21	7	Tues. 30	8 ·41	21 ·27	22	4	Sat. 29	10 ·99	27 ·73	22
8	Sat. 30	8 ·19	17 ·46	22	8	Wed. 31	9 ·39	22 ·27	23	5	Sun. 30	11 ·89	1 ·66	23
9	Sun. 31	9 ·25	18 ·53	23						6	Mon. 31	12 ·79	2 ·59	24
	Feb.					**April.**					**June.**			
10	Mon. 1	10 ·28	19 ·58	24	9	Thur. 1	10 ·33	23 ·26	24	7	Tues. 1	13 ·69	3 ·52	25
11	Tues. 2	11 ·29	20 ·62	25	10	Fri. 2	11 ·27	24 ·22	25	8	Wed. 2	14 ·59	4 ·46	26
12	Wed. 3	12 ·29	21 ·63	26	11	Sat. 3	12 ·19	25 ·17	26	9	Thur. 3	—A ·50	5 ·41	27
13	Thur. 4	13 ·26	22 ·62	27	12	Sun. 4	13 ·10	26 ·11	27	10	Fri. 4	1 ·42	6 ·37	28
14	Fri. 5	14 ·21	23 ·59	28	13	Mon. 5	14 ·00 / A ·90	27 ·04 / 1 ·97	28	11	Sat. 5	2 ·36	7 ·34	—29
15	Sat. ● 6	—A ·14	24 ·55	—29						12	Sun. 6	3 ·33	8 ·32	1
16	Sun. 7	1 ·07 / 2 ·98	25 ·50	1	14	Tues. 6	1 ·80	2 ·91	29	13	Mon. 7	4 ·31	9 ·33	2
					15	Wed. 7	2 ·70	3 ·85	—30	14	Tues. 8	5 ·31	10 ·37	3
17	Mon. 8	3 ·89	26 ·44	2	16	Thur. 8	3 ·60	4 ·78	1	15	Wed. 9	6 ·32	11 ·41	4
18	Tues. 9	4 ·79	27 ·37	3	17	Fri. 9	4 ·51	5 ·73	2	16	Thur. 10	7 ·37	12 ·48	5
19	Wed. 10	5 ·69	1 ·30	4	18	Sat. 10	5 ·45	6 ·71	3	17	Fri. 11	8 ·42	13 ·56	6
20	Thur. 11	6 ·60	2 ·23	5	19	Sun. 11	6 ·40	7 ·68	4	18	Sat. 12	9 ·49	14 ·66	7
21	Fri. 12	7 ·51	3 ·17	6	20	Mon. 12	7 ·35	8 ·68	5	19	Sun. 13	10 ·57	15 ·78	8
22	Sat. 13	8 ·42	4 ·12	7	21	Tues. 13	8 ·33	9 ·69	6	20	Mon. 14	11 ·65	16 ·88	9
23	Sun. 14	9 ·35	5 ·07	8	22	Wed. 14	9 ·32	10 ·73	7	21	Tues. 15	12 ·74	17 ·98	10
24	Mon. 15	10 ·30	6 ·04	9	23	Thur. 15	10 ·36	11 ·79	8	22	Wed. 16	13 ·81	... ...	11
25	Tues. 16	11 ·26	7 ·02	10	24	Fri. 16	11 ·40	12 ·87	9	23	Thur. 17	14 ·86	18 ·07	12
26	Wed. 17	12 ·24	8 ·03	11	25	Sat. 17	12 ·47	13 ·96	10	24	Fri. 18	P ·89	19 ·14	13
27	Thur. 18	13 ·24	9 ·06	12	26	Sun. 18	13 ·54	... ...	11	25	Sat. 19	1 ·89	20 ·21	14
28	Fri. 19	14 ·27	10 ·11	13	27	Mon. 19	14 ·61	14 ·07	12	26	Sun. 20	2 ·89	21 ·24	15
29	Sat. 20	P ·32	11 ·17	14	28	Tues. 20	P ·70	15 ·17	13	27	Mon. 21	3 ·85	22 ·25	16
—30	Sun. 21	1 ·38	12 ·26	15	29	Wed. 21	1 ·78	16 ·28	14	28	Tues. 22	4 ·81	23 ·24	17
1	Mon. 22	2 ·46	13 ·36	16	30	Thur. 22	2 ·85	17 ·38	15	29	Wed. 23	5 ·74	24 ·22	18
2	Tues. 23	3 ·56	14 ·47	17	—31	Fri. 23	3 ·89	18 ·46	16	30	Thur. 24	6 ·67	25 ·17	19
3	Wed. 24	4 ·65	15 ·58	18	1	Sat. 24	4 ·92	19 ·53	17	—31	Fri. 25	7 ·58	26 ·13	20
4	Thur. 25	5 ·73	16 ·68	19	2	Sun. 25	5 ·93	20 ·57	18	1	Sat. 26	8 ·48	27 ·07	21
5	Fri. 26	6 ·79	17 ·77	20	3	Mon. 26	6 ·93	21 ·59	19				1 ·00	
6	Sat. 27	7 ·84	18 ·84	21	4	Tues. 27	7 ·89	22 ·60	20	2	Sun. 27	9 ·38	2 ·93	22
7	Sun. 28	8 ·87	19 ·90	22	5	Wed. 28	8 ·84	23 ·59	21	3	Mon. 28	10 ·28	3 ·86	23
					6	Thur. 29	9 ·77	24 ·55	22	4	Tues. 29	11 ·18	4 ·80	24
					7	Fri. 30	10 ·69	25 ·51	23	5	Wed. 30	12 ·08 / 13 ·99	5 ·74	25

Kshaya. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *H. 479 Shawwāl.*

Kshaya. **Kumbha—Māgi.** *Sukla.* **Phālguna.** *Bahula.* *H. 479 Zi-l-ka'da.*

Prabhava. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 480 Muharram.*

Kshaya. **Mīna—Pāṅguni.** *Bahula.* *Sukla.* **Chaitra.** *Bahula.* *H. 479 Zi-l-hijja.*

Prabhava. **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 480 Safar.*

Prabhava. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H. 480 Rabi-ul awwal.*

Prabhava. **Kark.—Ādi.**

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1087. **Kollam 263,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 480.** Commences **April 8.** **Vikrama 1144.** **Bengal San. 493.** **(N. Cycle) Pramoda.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Thur. 1	14 ·92	6 ·70	26	5	Wed. 1	2 ·94	13 ·48	29	6	Mon 1	3 ·56	19 ·68	1
7	Fri. 2	—**A** ·85	7 ·66	27	6	Thur. 2	... ...	14 ·57	—30	7	Tues. 2	4 ·62	20 ·76	2
8	Sat. 3	1 ·81	8 ·65	28	7	Fri. 3	3 ·01	15 ·67	1	8	Wed. 3	5 ·66	21 ·82	3
9	Sun. 4	2 ·79	9 ·66	29	8	Sat. 4	4 ·09	16 ·78	2	9	Thur. 4	6 ·67	22 ·86	4
10	Mon. 5	3 ·78	10 ·68	—30	9	Sun. 5	5 ·18	17 ·88	3	10	Fri. 5	7 ·67	23 ·87	5
11	Tues. 6	4 ·80	11 ·72	1	10	Mon. 6	6 ·27	18 ·99	4	11	Sat. 6	8 ·64	24 ·87	6
12	Wed. 7	5 ·84	12 ·79	2	11	Tues. 7	7 ·35	... ...	5	12	Sun. 7	9 ·59	25 ·84	7
13	Thur. 8	6 ·90	13 ·87	3	12	Wed. 8	8 ·40	19 ·07	6	13	Mon. 8	10 ·52	26 ·81	8
14	Fri. 9	7 ·97	14 ·97	4	13	Thur. 9	9 ·44	20 ·14	7	14	Tues. 9	11 ·45	27 ·76	9
15	Sat. 10	... ...	... ...	5	14	Fri. 10	10 ·46	21 ·19	8	15	Wed. 10	12 ·37	1 ·70	10
16	Sun. 11	8 ·05	15 ·08	6	15	Sat. 11	11 ·44	22 ·21	9	16	Thur. 11	13 ·27	2 ·63	11
17	Mon. 12	9 ·13	16 ·18	7	16	Sun. 12	12 ·42	23 ·23	10	17	Fri. 12	14 ·17	3 ·56	12
18	Tues. 13	10 ·22	17 ·28	8	17	Mon. 13	13 ·39	24 ·21	11	18	Sat. 13	P ·07	4 ·49	13
19	Wed. 14	11 ·29	18 ·38	9	18	Tues. 14	14 ·33	25 ·18	12			1 ·98		
20	Thur. 15	12 ·34	19 ·46	10	19	Wed. 15	P ·25	26 ·14	13	19	Sun. 14	2 ·89	5 ·43	14
21	Fri. 16	13 ·38	20 ·52	11	20	Thur. 16	1 ·17	27 ·08	14	20	Mon. 15	3 ·81	6 ·37	15
22	Sat. 17	14 ·40	21 ·56	12	21	Fri. 17	2 ·07	1 ·02	15	21	Tues. 16	4 ·75	7 ·32	16
23	Sun. 18	P ·38	22 ·57	13			3 ·97	2 ·95		22	Wed. 17	5 ·69	8 ·29	17
24	Mon. 19	1 ·35	23 ·57	14	22	Sat. 18	4 ·87	3 ·88	16	23	Thur. 18	6 ·67	9 ·27	18
25	Tues. 20	2 ·30	24 ·55	15	23	Sun. 19	5 ·77	4 ·81	17	24	Fri. 19	7 ·65	10 ·28	19
26	Wed. 21	3 ·24	25 ·52	16	24	Mon. 20	6 ·68	5 ·75	18	25	Sat. 20	8 ·67	11 ·30	20
27	Thur. 22	4 ·17	26 ·47	17	25	Tues. 21	7 ·59	6 ·71	19	26	Sun. 21	9 ·69	12 ·34	21
		5 ·08			26	Wed. 22	8 ·52	7 ·66	20	27	Mon. 22	10 ·74	13 ·40	22
28	Fri. 23	6 ·98	27 ·41	18	27	Thur. 23	9 ·46	8 ·68	21	28	Tues. 23	11 ·80	14 ·47	23
29	Sat. 24	7 ·88	1 ·34	19	28	Fri. 24	10 ·42	9 ·62	22	29	Wed. 24	12 ·87	15 ·58	24
30	Sun. 25	8 ·78	2 ·27	20	29	Sat. 25	11 ·41	10 ·63	23	—30	Thur. 25	13 ·94	16 ·68	25
31	Mon. 26	9 ·68	3 ·21	21	—30	Sun. 26	12 ·40	11 ·66	24	1	Fri. 26	... ...	17 ·79	26
—32	Tues. 27	10 ·58	4 ·14	22	1	Mon. 27	13 ·43	12 ·72	25	2	Sat. 27	14 ·02	18 ·89	27
1	Wed. 28	11 ·49	5 ·08	23	2	Tues. 28	14 ·46	13 ·79	26	3	Sun. 28	—**A** ·11	19 ·98	28
			6 ·03		3	Wed. 29	—**A** ·53	14 ·87	27	4	Mon. 29	1 ·19	... ...	—29
2	Thur. 29	12 ·41	7 ·99	24	4	Thur. 30	1 ·61	15 ·97	28	5	Tues. 30	2 ·27	20 ·07	1
3	Fri. 30	13 ·35	8 ·98	25										
4	Sat. 31	14 ·31	9 ·98	26										
	Aug.					**Oct.**					**Dec.**			
5	Sun. ● 1	—**A** ·30	10 ·99	27	5	Fri. 1	2 ·70	... ...	—29	6	Wed. 1	3 ·30	21 ·18	2
6	Mon. 2	1 ·30	... ...	28	6	Sat. 2	3 ·78	16 ·08	1	7	Thur. 2	4 ·33	22 ·17	3
7	Tues. 3	2 ·31	11 ·03	—29	7	Sun. 3	4 ·86	17 ·19	2	8	Fri. 3	5 ·31	23 ·19	4
8	Wed. 4	3 ·36	12 ·09	1	8	Mon. 4	5 ·94	18 ·29	3	9	Sat. 4	6 ·28	24 ·19	5
9	Thur. 5	4 ·42	13 ·18	2	9	Tues. 5	6 ·99	19 ·38	4	10	Sun. 5	7 ·25	25 ·18	6
10	Fri. 6	5 ·50	14 ·27	3	10	Wed. 6	... ...	20 ·45	5	11	Mon. 6	8 ·18	26 ·15	7
11	Sat. 7	6 ·58	15 ·37	4	11	Thur. 7	7 ·03	21 ·50	6	12	Tues. 7	9 ·14	27 ·10	8
12	Sun. 8	7 ·67	16 ·48	5	12	Fri. 8	8 ·05	22 ·54	7	13	Wed. 8	10 ·02	1 ·04	9
13	Mon. 9	8 ·74	17 ·58	6	13	Sat. 9	9 ·04	23 ·55	8			11 ·93	2 ·97	
14	Tues. 10	9 ·81	18 ·68	7	14	Sun. 10	10 ·02	24 ·54	9	14	Thur. 9	12 ·83	3 ·90	10
15	Wed. 11	10 ·85	19 ·77	8			11 ·99			15	Fri. 10	13 ·73	4 ·84	11
16	Thur. 12	11 ·88	20 ·83	9	15	Mon. 11	12 ·92	25 ·51	10	16	Sat. 11	14 ·64	5 ·77	12
17	Fri. 13	12 ·91	21 ·87	10	16	Tues. 12	13 ·84	26 ·47	11	17	Sun. 12	P ·55	6 ·71	13
18	Sat. 14	13 ·89	22 ·89	11	17	Wed. 13	14 ·76	27 ·43	12	18	Mon. 13	1 ·47	7 ·66	14
19	Sun. 15	14 ·87	23 ·89	12	18	Thur. 14	P ·65	1 ·38	13	19	Tues. 14	2 ·40	8 ·62	15
20	Mon. 16	P ·83	24 ·88	13	19	Fri. 15	1 ·55	2 ·29	14	20	Wed. 15	3 ·35	9 ·60	16
21	Tues. 17	1 ·77	25 ·85	14	20	Sat. 16	2 ·45	3 ·22	15	21	Thur. 16	4 ·31	10 ·60	17
22	Wed. 18	2 ·69	26 ·80	15	21	Sun. 17	3 ·35	4 ·15	16	22	Fri. 17	5 ·31	11 ·61	18
23	Thur. 19	3 ·60	27 ·74	16	22	Mon. 18	4 ·26	5 ·10	17	23	Sat. 18	6 ·31	12 ·65	19
24	Fri. 20	4 ·51	1 ·68	17				6 ·04		24	Sun. 19	7 ·33	13 ·70	20
25	Sat. 21	5 ·41	2 ·62	18	23	Tues. 19	5 ·17	7 ·99	18	25	Mon. 20	8 ·38	14 ·79	21
26	Sun. 22	6 ·31	3 ·55	19	24	Wed. 20	6 ·11	8 ·96	19	26	Tues. 21	9 ·43	15 ·88	22
27	Mon. 23	7 ·20	4 ·48	20	25	Thur. 21	7 ·05	9 ·94	20	27	Wed. 22	10 ·52	16 ·98	23
28	Tues. 24	8 ·11	5 ·41	21	26	Fri. 22	8 ·02	10 ·95	21	28	Thur. 23	11 ·62	... ...	24
		9 ·02			27	Sat. 23	9 ·00	11 ·98	22	29	Fri. 24	12 ·72	17 ·09	25
29	Wed. 25	10 ·94	6 ·36	22	28	Sun. 24	10 ·01	... ..	23	1	Sat. 25	13 ·79	18 ·19	26
30	Thur. 26	11 ·89	7 ·33	23	29	Mon. 25	11 ·04	12 ·03	24	2	Sun. 26	14 ·86	19 ·30	27
—31	Fri. 27	12 ·84	8 ·31	24	—30	Tues. 26	12 ·08	13 ·09	25	3	Mon. 27	—**A** ·91	20 ·38	28
1	Sat. 28	13 ·83	9 ·30	25	1	Wed. 27	13 ·14	14 ·17	26	4	Tues. 28	1 ·95	21 ·44	29
2	Sun. 29	14 ·82	10 ·31	26	2	Thur. 28	14 ·22	15 ·27	27	5	Wed. 29	2 ·97	22 ·49	—30
3	Mon. 30	—**A** ·84	11 ·34	27	3	Fri. 29	—**A** ·31	16 ·38	28	6	Thur. 30	3 ·95	23 ·51	1
4	Tues. 31	1 ·88	12 ·41	28	4	Sat. 30	1 ·40	17 ·49	29	7	Fri. 31	4 ·92	24 ·52	2
					5	Sun. 31	2 ·49	18 ·59	—30					

Prabhava. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* *H.* 480 *Rabi-ul ākhir.*

Prabhava. **Śiṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 480 *Jamāda'l awwal.*

Prabhava. **Kanyā—Puraṭṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 480 *Jamāda'l ākhir.*

Prabhava. **Tulā—Aippasi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 480 *Rajab.*

Prabhava. **Vṛśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 480 *Sha'bān.*

Prabhava. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H.* 480 *Ramazān.*

Prabhava. **Makara—Tai.** *Śukla.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1088. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·51.** **Śaka 1010.** **Kaliyuga 4189.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·47.** **(S. Cycle) Vibhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sat.	1	5 ·87	25 ·51	3	9	Wed.	1	6 ·66	4 ·86	4	9	Mon.	1	8 ·22	10 ·23	6
9	Sun.	2	6 ·81	26 ·48	4	10	Thur.	2	7 ·55	5 ·78	5	10	Tues.	2	9 ·17	11 ·22	7
10	Mon.	3	7 ·74	27 ·43	5	11	Fri.	3	8 ·46	6 ·73	6	11	Wed.	3	10 ·15	12 ·23	8
11	Tues.	4	8 ·65	1 ·37	6	12	Sat.	4	9 ·37	7 ·67	7	12	Thur.	4	11 ·16	13 ·26	9
12	Wed.	5	9 ·56	2 ·31	7	13	Sun.	5	10 ·29	8 ·62	8	13	Fri.	5	12 ·17	14 ·31	10
13	Thur.	6	10 ·46	3 ·25	8	14	Mon.	6	11 ·22	9 ·59	9	14	Sat.	6	13 ·23	15 ·40	11
14	Fri.	7	11 ·36	4 ·18	9	15	Tues.	7	12 ·17	10 ·57	10	15	Sun.	7	14 ·29	16 ·48	12
15	Sat.	8	12 ·26	5 ·11	10	16	Wed.	8	13 ·14	11 ·57	11	16	Mon.	8	P ·37	17 ·58	13
16	Sun	9	13 ·17	6 ·05 / 7 ·99	11	17	Thur.	9	14 ·12	12 ·60	12	17	Tues.	9	1 ·45	18 ·69	14
17	Mon. ○	10	14 ·10	8 ·96	12	18	Fri.	10	P ·18	13 ·64	13	18	Wed.	10	2 ·53	19 ·80	15
18	Tues.	11	P ·03 / 1 ·98	9 ·93	13	19	Sat.	11	1 ·16	14 ·70	14	19	Thur.	11	3 ·61	20 ·90	16
19	Wed.	12	2 ·95	10 ·92	14	20	Sun.	12	2 ·20	15 ·78	15	20	Fri.	12	4 ·67	21 ·99	17
20	Thur.	13	3 ·94	11 ·93	15	21	Mon.	13	3 ·26	16 ·87	16	21	Sat.	13	5 ·71	... ...	18
21	Fri.	14	4 ·94	12 ·93	16	22	Tues.	14	4 ·34	17 ·99	17	22	Sun.	14	6 ·74	22 ·06	19
22	Sat.	15	5 ·98	... ...	17	23	Wed.	15	5 ·43	... ...	18	23	Mon.	15	7 ·76	23 ·10	20
23	Sun.	16	... ...	13 ·02	18	24	Thur.	16	6 ·51	18 ·10	19	24	Tues.	16	8 ·74	24 ·13	21
24	Mon.	17	6 ·02	14 ·09	19	25	Fri.	17	7 ·58	19 ·20	20	25	Wed.	17	9 ·71	25 ·15	22
25	Tues.	18	7 ·08	15 ·18	20	26	Sat.	18	8 ·65	20 ·29	21	26	Thur.	18	10 ·66	26 ·13	23
26	Wed.	19	8 ·17	16 ·28	21	27	Sun.	19	9 ·70	21 ·37	22	27	Fri.	19	11 ·59	27 ·10	24
27	Thur.	20	9 ·26	17 ·38	22	28	Mon.	20	10 ·74	22 ·44	23	28	Sat.	20	12 ·52	1 ·06	25
28	Fri.	21	10 ·34	18 ·49	23	29	Tues.	21	11 ·74	23 ·47	24					2 ·00	
29	Sat.	22	11 ·42	19 ·60	24	30	Wed.	22	12 ·73	24 ·49	25	29	Sun.	21	13 ·42	3 ·94	26
1	Sun.	23	12 ·50	20 ·68	25	1	Thur.	23	13 ·69	25 ·49	26	30	Mon.	22	14 ·32	4 ·88	27
2	Mon.	24	13 ·55	21 ·75	26	2	Fri.	24	14 ·65	26 ·47	27	31	Tues.	23	A ·22	5 ·81	28
3	Tues.	25	14 ·58	22 ·80	27	3	Sat.	25	A ·58	27 ·44	28	32	Wed.	24	1 ·12	6 ·74	29
4	Wed.	26	A ·59	23 ·83	28	4	Sun.	26	1 ·50	1 ·39	29						
5	Thur.	27	1 ·57	24 ·85	29	5	Mon.	27	2 ·40	2 ·33	1	1	Thur.	25	2 ·02 / 3 ·92	7 ·68	1
6	Fri.	28	2 ·55	25 ·84	1	6	Tues.	28	3 ·30	3 ·26	2	2	Fri.	26	4 ·83	8 ·62	2
7	Sat.	29	3 ·50	26 ·81	2	7	Wed.	29	4 ·20	4 ·19	3	3	Sat.	27	5 ·75	9 ·59	3
8	Sun.	30	4 ·44	27 ·77	3	8	Thur.	30	5 ·10	5 ·13	4	4	Sun.	28	6 ·70	10 ·56	4
9	Mon.	31	5 ·36	1 ·71	4	9	Fri.	31	6 ·00 / 7 ·91	6 ·07	5	5	Mon.	29	7 ·65	11 ·54	5
		Feb.						**April.**				6	Tues.	30	8 ·64	12 ·55	6
10	Tues.	1	6 ·28	2 ·66	5							7	Wed.	31	9 ·64	13 ·58	7
11	Wed.	2	7 ·18	3 ·59	6	10	Sat.	1	8 ·83	7 ·01 / 8 ·95	6			**June.**			
12	Thur.	3	8 ·08 / 9 ·98	4 ·52	7	11	Sun.	2	9 ·76	9 ·92	7	8	Thur.	1	10 ·66	14 ·63	8
13	Fri.	4	10 ·88	5 ·45	8	12	Mon.	3	10 ·70	10 ·89	8	9	Fri.	2	11 ·70	15 ·70	9
14	Sat.	5	11 ·79	6 ·38	9	13	Tues.	4	11 ·67	11 ·90	9	10	Sat.	3	12 ·75	16 ·79	10
15	Sun.	6	12 ·71	7 ·33	10	14	Wed.	5	12 ·65	12 ·91	10	11	Sun.	4	13 ·84	17 ·88	11
16	Mon.	7	13 ·64	8 ·29	11	15	Thur.	6	13 ·66	13 ·95	11	12	Mon.	5	14 ·93	18 ·99	12
17	Tues.	8	14 ·59	9 ·26	12	16	Fri.	7	14 ·69	... ...	12	13	Tues.	6	... ...	... ...	13
18	Wed.	9	P ·56	10 ·24	13	17	Sat.	8	P ·75	14 ·01	13	14	Wed.	7	P ·01	19 ·10	14
19	Thur.	10	1 ·55	11 ·25	14	18	Sun.	9	1 ·79	15 ·08	14	15	Thur.	8	1 ·08	20 ·21	15
20	Fri.	11	2 ·55	12 ·28	15	19	Mon.	10	2 ·86	16 ·18	15	16	Fri.	9	2 ·14	21 ·29	16
21	Sat.	12	3 ·59	13 ·33	16	20	Tues.	11	3 ·94	17 ·29	16	17	Sat.	10	3 ·19	22 ·37	17
22	Sun.	13	4 ·63	14 ·40	17	21	Wed.	12	... ...	18 ·39	17	18	Sun.	11	4 ·22	23 ·42	18
23	Mon.	14	5 ·70	15 ·48	18	22	Thur.	13	4 ·03	19 ·50	18	19	Mon.	12	5 ·23	24 ·45	19
24	Tues.	15	6 ·78	16 ·58	19	23	Fri.	14	5 ·12	20 ·59	19	20	Tues.	13	6 ·23	25 ·47	20
25	Wed.	16	7 ·87	17 ·68	20	24	Sat.	15	6 ·18	21 ·68	20	21	Wed.	14	7 ·19	26 ·46	21
26	Thur.	17	8 ·96	18 ·80	21	25	Sun.	16	7 ·23	22 ·75	21	22	Thur.	15	8 ·13	27 ·44	22
27	Fri.	18	... ...	19 ·90	22	26	Mon.	17	8 ·25	23 ·79	22	23	Fri.	16	9 ·07 / 10 ·99	1 ·39	23
28	Sat.	19	9 ·03	20 ·99	23	27	Tues.	18	9 ·27	24 ·81	23	24	Sat.	17	11 ·90	2 ·34	24
29	Sun.	20	10 ·09	...	24	28	Wed.	19	10 ·25	25 ·81	24	25	Sun.	18	12 ·81	3 ·29	25
30	Mon.	21	11 ·14	21 ·06	25	29	Thur.	20	11 ·21	26 ·81	25	26	Mon.	19	13 ·71	4 ·22	26
1	Tues.	22	12 ·18	22 ·12	26	30	Fri.	21	12 ·17	27 ·77	26	27	Tues.	20	14 ·61	5 ·15	27
2	Wed.	23	13 ·19	23 ·16	27	31	Sat.	22	13 ·11	1 ·73	27	28	Wed.	21	A ·51	6 ·08	28
3	Thur.	24	14 ·18	24 ·17	28							29	Thur.	22	1 ·41	7 ·01 / 8 ·96	29
4	Fri.	25	A ·14	25 ·16	29	1	Sun.	23	14 ·02 / A ·92	2 ·67	28	30	Fri.	23	2 ·31	9 ·91	30
5	Sat.	26	1 ·09	26 ·14	30	2	Mon.	24	1 ·82	3 ·60	29	31	Sat.	24	3 ·24	10 ·88	1
6	Sun.	27	2 ·03 / 3 ·95	27 ·10	1	3	Tues.	25	2 ·72	4 ·53	30	1	Sun.	25	4 ·18	11 ·87	2
						4	Wed.	26	3 ·62	5 ·47	1	2	Mon.	26	5 ·13	12 ·87	3
7	Mon.	28	4 ·86	1 ·06 / 2 ·99	2	5	Thur.	27	4 ·52	6 ·40	2	3	Tues.	27	6 ·12	13 ·90	4
8	Tues.	29	5 ·76	3 ·93	3	6	Fri.	28	5 ·42	7 ·34	3	4	Wed.	28	7 ·11	14 ·94	5
						7	Sat.	29	6 ·34	8 ·29	4	5	Thur.	29	8 ·14	... ...	6
						8	Sun.	30	7 ·27	9 ·24	5	6	Fri.	30	9 ·17	15 ·01	7

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1088. **Kollam 264,** { **N. Malabar—Aug.** **Hijra 481.** **Vikrama 1145.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **March 27.** **Bengal San. 494.**
P—Paurnimā. **(N. Cycle) Prajāpati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Sat. 1	10 ·24	16 ·09	8	6	Fri. 1	13 ·74	23 ·36	11					
8	Sun. 2	11 ·30	17 ·18	9	7	Sat. 2	14 ·76	24 ·41	12	7	Wed. 1	P ·75	2 ·02	13
9	Mon. 3	12 ·38	18 ·30	10	8	Sun. 3	P ·75	25 ·43	13				3 ·97	
10	Tues. 4	13 ·47	19 ·40	11	9	Mon. 4	1 ·72	26 ·44	14	8	Thur. 2	1 ·66	4 ·92	14
11	Wed. 5	14 ·54	20 ·51	12	10	Tues. 5	2 ·68	27 ·43	15	9	Fri. 3	2 ·57	5 ·85	15
12	Thur. ○6	P ·61	21 ·60	13	11	Wed. 6	3 ·62	1 ·40	16	10	Sat. 4	3 ·47	6 ·78	16
13	Fri. 7	1 ·66	22 ·67	14	12	Thur. 7	4 ·54	2 ·36	17	11	Sun. 5	4 ·37	7 ·71	17
14	Sat. 8	2 ·71	23 ·73	15	13	Fri. 8	5 ·45	3 ·30	18	12	Mon. 6	5 ·27	8 ·64	18
15	Sun. 9	3 ·71	24 ·78	16	14	Sat. 9	6 ·35	4 ·23	19	13	Tues. 7	6 ·18	9 ·59	19
16	Mon. 10	4 ·70	25 ·79	17	15	Sun. 10	7 ·25	5 ·17	20	14	Wed. 8	7 ·10	10 ·54	20
17	Tues. 11	5 ·67	26 ·79	18	16	Mon. 11	8 ·15	6 ·10	21	15	Thur. 9	8 ·03	11 ·51	21
18	Wed. 12	6 ·63	27 ·77	19								9 ·98		
19	Thur. 13	7 ·57	1 ·73	20	17	Tues. 12	9 ·05	7 ·03	22	16	Fri. 10	10 ·95	12 ·49	22
20	Fri. 14	8 ·48	2 ·69	21	18	Wed. 13	10 ·95	8 ·97	23	17	Sat. 11	11 ·94	13 ·49	23
21	Sat. 15	9 ·39	3 ·63	22	19	Thur. 14	11 ·87	9 ·92	24	18	Sun. 12	12 ·94	14 ·52	24
22	Sun. 16	10 ·29	4 ·56	23	20	Fri. 15	12 ·80	10 ·87	25	19	Mon. 13	13 ·97	15 ·56	25
23	Mon. 17	11 ·19	5 ·49	24	21	Sat. 16	13 ·75	11 ·85	25	20	Tues. 14	... ...	16 ·62	26
		12 ·09			22	Sun. 17	14 ·72	12 ·84	26	21	Wed. 15	14 ·01	17 ·69	27
24	Tues. 18	13 ·99	6 ·42	25	23	Mon. 18	A ·70	13 ·85	27	22	Thur. 16	A ·08	18 ·79	28
25	Wed. 19	14 ·89	7 ·36	26	24	Tues. 19	1 ·71	14 ·88	28	23	Fri. 17	1 ·16	19 ·90	—29
26	Thur. 20	A ·80	8 ·30	27	25	Wed. 20	2 ·72	15 ·93	—29	24	Sat. 18	2 ·25	... ...	1
27	Fri. 21	1 ·73	9 ·25	28	26	Thur. 21	3 ·77	... ...	1	25	Sun. 19	3 ·35	20 ·01	2
28	Sat. 22	2 ·67	10 ·21	—29	27	Fri. 22	4 ·82	16 ·01	2	26	Mon. 20	4 ·43	21 ·11	3
29	Sun. 23	3 ·63	11 ·19	1	28	Sat. 23	5 ·90	17 ·09	3	27	Tues. 21	5 ·51	22 ·21	4
30	Mon. 24	4 ·61	12 ·20	2	29	Sun. 24	6 ·98	18 ·19	4	28	Wed. 22	6 ·55	23 ·28	5
31	Tues. 25	5 ·61	13 ·22	3	—30	Mon. 25	... ...	19 ·30	5	29	Thur. 23	7 ·59	24 ·34	6
—32	Wed. 26	6 ·63	14 ·25	4	1	Tues. 26	7 ·07	20 ·40	6	—30	Fri. 24	8 ·60	25 ·39	7
1	Thur. 27	7 ·67	15 ·31	5	2	Wed. 27	8 ·17	21 ·51	7	1	Sat. 25	9 ·59	26 ·41	8
2	Fri. 28	8 ·73	16 ·39	6	3	Thur. 28	9 ·23	22 ·60	8	2	Sun. 26	10 ·57	27 ·41	9
3	Sat. 29	9 ·80	17 ·48	7	4	Fri. 29	10 ·28	23 ·67	9	3	Mon. 27	11 ·51	1 ·39	10
4	Sun. 30	10 ·88	18 ·59	8	5	Sat. 30	11 ·32	24 ·72	10	4	Tues. 28	12 ·45	2 ·36	11
5	Mon. 31	11 ·96	19 ·70	9			12 ·35	25 ·75	11	5	Wed. 29	13 ·38	3 ·32	12
										6	Thur. 30	14 ·30	4 ·26	13
	Aug.					**Oct.**					**Dec.**			
6	Tues. 1	... ...	20 ·80	10	6	Sun. 1	13 ·33	26 ·77	12					
7	Wed. 2	12 ·06	21 ·90	11	7	Mon. 2	14 ·31	27 ·76	13	7	Fri. 1	P ·20	5 ·19	14
8	Thur. 3	13 ·12	22 ·98	12	8	Tues. 3	P ·26	1 ·78	14	8	Sat. 2	1 ·10	6 ·12	15
9	Fri. 4	14 ·16	... ...	13	9	Wed. 4	1 ·21	2 ·69	15			2 ·00	7 ·05	
10	Sat. 5	P ·20	23 ·05	14	10	Thur. 5	2 ·14	3 ·64	16	9	Sun. 3	3 ·90	8 ·99	16
11	Sun. 6	1 ·22	24 ·09	15			3 ·04			10	Mon. 4	4 ·81	9 ·93	17
12	Mon. 7	2 ·21	25 ·11	16	11	Fri. 6	4 ·94	4 ·57	17	11	Tues. 5	5 ·73	10 ·88	18
13	Tues. 8	3 ·18	26 ·11	17	12	Sat. 7	5 ·84	5 ·51	18	12	Wed. 6	6 ·67	11 ·84	19
14	Wed. 9	4 ·14	27 ·09	18	13	Sun. 8	6 ·74	6 ·44	19	13	Thur. 7	7 ·62	12 ·81	20
		5 ·08			14	Mon. 9	7 ·64	7 ·37	20	14	Fri. 8	8 ·60	13 ·82	21
15	Thur. 10	6 ·99	1 ·07	19	15	Tues. 10	8 ·55	8 ·31	21	15	Sat. 9	9 ·58	14 ·88	22
			2 ·02		16	Wed. 11	9 ·47	9 ·25	22	16	Sun. 10	10 ·58	15 ·87	23
16	Fri. 11	7 ·90	3 ·96	20	17	Thur. 12	10 ·41	10 ·21	23	17	Mon. 11	11 ·62	16 ·92	24
17	Sat. 12	8 ·80	4 ·90	21	18	Fri. 13	11 ·35	11 ·18	24	18	Tues. 12	12 ·66	... ...	25
18	Sun. 13	9 ·70	5 ·83	22	19	Sat. 14	12 ·32	12 ·16	25	19	Wed. 13	13 ·73	17 ·00	26
19	Mon. 14	10 ·60	6 ·76	23	20	Sun. 15	13 ·31	13 ·17	26	20	Thur. 14	14 ·82	18 ·10	27
20	Tues. 15	11 ·50	7 ·70	24	21	Mon. 16	14 ·31	14 ·19	27	21	Fri. 15	A ·91	19 ·20	28
21	Wed. 16	12 ·40	8 ·63	25	22	Tues. 17	A ·32	15 ·25	28	22	Sat. 16	1 ·99	20 ·31	29
22	Thur. 17	13 ·32	9 ·58	26	23	Wed. 18	1 ·87	16 ·31	29	23	Sun. 17	... ...	21 ·41	—30
23	Fri. 18	14 ·26	10 ·54	27	24	Thur. 19	2 ·44	17 ·39	—30	24	Mon. 18	2 ·07	22 ·51	1
24	Sat. 19	A ·20	11 ·52	28	25	Fri. 20	3 ·52	18 ·49	1	25	Tues. 19	3 ·15	23 ·59	2
25	Sun. 20	1 ·16	12 ·52	29	26	Sat. 21	4 ·60	19 ·59	2	26	Wed. 20	4 ·19	24 ·66	3
26	Mon. 21	2 ·14	13 ·53	—30	27	Sun. 22	5 ·70	20 ·71	3	27	Thur. 21	5 ·23	25 ·71	4
27	Tues. 22	3 ·15	14 ·56	1	28	Mon. 23	6 ·78	21 ·81	4	28	Fri. 22	6 ·25	26 ·73	5
28	Wed. 23	4 ·17	15 ·62	2	29	Tues. 24	7 ·86	22 ·90	5	29	Sat. 23	7 ·24	27 ·74	6
29	Thur. 24	5 ·22	16 ·69	3	—30	Wed. 25	8 ·90	23 ·98	6	1	Sun. 24	8 ·21	1 ·72	7
30	Fri. 25	6 ·28	17 ·79	4	1	Thur. 26	9 ·94	... ...	7	2	Mon. 25	9 ·17	2 ·70	8
—31	Sat. 26	7 ·35	18 ·89	5	2	Fri. 27	10 ·97	24 ·03	8	3	Tues. 26	10 ·10	3 ·65	9
1	Sun. 27	8 ·44	... ...	6	3	Sat. 28	11 ·95	25 ·08	9	4	Wed. 27	11 ·02	4 ·59	10
2	Mon. 28	9 ·51	19 ·00	7	4	Sun. 29	12 ·93	26 ·09	10			12 ·93		
3	Tues. 29	10 ·58	20 ·10	8	5	Mon. 30	13 ·88	27 ·09	11	5	Thur. 28	13 ·84	5 ·53	11
4	Wed. 30	11 ·65	21 ·20	9	6	Tues. 31	14 ·82	1 ·06	12	6	Fri. 29	14 ·74	6 ·46	12
5	Thur. 31	12 ·71	22 ·29	10						7	Sat. ○30	P ·64	7 ·40	13
										8	Sun. 31	1 ·55	8 ·33	14

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1089. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·77.** **Śaka 1011.** **Kaliyuga 4190.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·73.** **(S. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Mon.	1	2 ·46	9 ·26	15	9	Thur.	1	2 ·44	14 ·79	15	8	Tues.	1	4 ·70	20 ·81	17
10	Tues.	2	3 ·37	10 ·21	16	10	Fri.	2	3 ·43	15 ·81	16	9	Wed.	2	5 ·78	21 ·91	18
11	Wed.	3	4 ·32	11 ·17	17	11	Sat.	3	4 ·43	16 ·86	17	10	Thur.	3	6 ·86	... ...	19
12	Thur.	4	5 ·27	12 ·15	18	12	Sun.	4	5 ·46	17 ·92	18	11	Fri.	4	7 ·94	22 ·02	20
13	Fri.	5	6 ·24	13 ·14	19	13	Mon.	5	6 ·51	... ...	19	12	Sat.	5	... ...	23 ·12	21
14	Sat.	6	7 ·22	14 ·15	20	14	Tues.	6	7 ·58	18 ·00	20	13	Sun.	6	8 ·00	24 ·20	22
15	Sun.	7	8 ·23	15 ·18	21	15	Wed.	7	8 ·67	19 ·10	21	14	Mon.	7	9 ·04	25 ·28	23
16	Mon.	8	9 ·27	16 ·23	22	16	Thur.	8	9 ·76	20 ·20	22	15	Tues.	8	10 ·07	26 ·32	24
17	Tues.	9	10 ·31	17 ·30	23	17	Fri.	9	10 ·84	21 ·32	23	16	Wed.	9	11 ·08	27 ·35	25
18	Wed.	10	11 ·38	18 ·40	24	18	Sat.	10	11 ·91	22 ·42	24	17	Thur.	10	12 ·06	1 ·36	26
19	Thur.	11	12 ·46	19 ·50	25	19	Sun.	11	12 ·97	23 ·51	25				13 ·03	2 ·34	
20	Fri.	12	13 ·56	20 ·60	26	20	Mon.	12	... ...	24 ·59	26	18	Fri.	11	14 ·97		27
21	Sat.	13	14 ·64	21 ·71	27	21	Tues.	13	13 ·02	25 ·65	27	19	Sat.	12	A ·90	3 ·32	28
22	Sun.	14	A ·72	22 ·81	28	22	Wed.	14	14 ·05	26 ·70	28	20	Sun.	13	1 ·82	4 28	29
23	Mon.	15	1 ·79	23 ·90	29	23	Thur.	15	A ·05	27 ·71	29	21	Mon.	14	2 ·78	5 ·22	1
24	Tues.	16	2 ·84	24 ·97	1	24	Fri.	16	1 ·03	1 ·71	1	22	Tues.	15	3 ·63	6 ·16	2
25	Wed.	17	3 ·86	... ...	2				2 ·00			23	Wed.	16	4 ·53	7 ·09	3
26	Thur.	18	4 ·88	25 ·02	3	25	Sat.	17	3 ·94	2 ·69	2					8 ·03	
27	Fri.	19	5 ·87	26 ·05	4	26	Sun.	18	4 ·88	3 ·65	3	24	Thur.	17	5 ·43	9 ·96	4
28	Sat.	20	6 ·84	27 ·06	5	27	Mon.	19	5 ·80	4 ·60	4	25	Fri.	18	6 ·33	10 ·90	5
29	Sun.	21	7 ·78	1 ·06	6	28	Tues.	20	6 ·71	5 ·55	5	26	Sat.	19	7 ·23	11 ·84	6
				2 ·03		29	Wed.	21	7 ·61	6 ·48	6	27	Sun.	20	8 ·14	12 ·80	7
30	Mon.	22	8 ·72	3 ·98	7	30	Thur.	22	8 ·51	7 ·41	7	28	Mon.	21	9 ·08	13 ·78	8
1	Tues.	23	9 ·65	4 ·93	8	31	Fri.	23	9 ·41	8 ·34	8				10 ·02	14 ·76	
2	Wed.	24	10 ·56	5 ·87	9	1	Sat.	24	10 ·31	9 ·27	9	29	Tues.	22	11 ·99		9
3	Thur.	25	11 ·46	6 ·81	10	2	Sun.	25	11 ·22	10 ·22	10	30	Wed.	23	12 ·96	15 ·77	10
4	Fri.	26	12 ·36	7 ·74	11	3	Mon.	26	12 ·14	11 ·17	11	31	Thur.	24	13 ·97	16 ·80	11
5	Sat.	27	13 ·26	8 ·67	12	4	Tues.	27	13 ·06	12 ·13	12	1	Fri.	25	14 ·99	17 ·84	12
6	Sun.	28	14 ·17	9 ·60	13				14 ·02			2	Sat.	26	... ...	18 ·92	13
7	Mon.	29	P ·08	10 ·54	14	5	Wed.	28	P ·98	13 ·11	13	3	Sun.	27	P ·03	... ...	14
			1 ·00			6	Thur.	29	1 ·97	14 ·11	14	4	Mon.	28	1 ·10	19 ·01	15
8	Tues.	30	2 ·93	11 ·51	15	7	Fri.	30	2 ·97	15 ·13	15	5	Tues.	29	2 ·17	20 ·10	16
9	Wed.	31	3 ·88	12 ·48	16	8	Sat.	31	... ...	16 ·17	16	6	Wed.	30	3 ·26	21 ·21	17
												7	Thur.	31	4 ·35	22 ·32	18
	Feb.						**April.**						**June.**				
10	Thur.	1	4 ·85	13 ·46	17	9	Sun.	1	3 ·01	17 ·23	17	8	Fri.	1	5 ·42	23 ·42	19
11	Fri.	2	5 ·84	14 ·47	18	10	Mon.	2	4 ·06	18 ·30	18	9	Sat.	2	6 ·47	24 ·51	20
12	Sat.	3	6 ·85	15 ·49	19	11	Tues.	3	5 ·12	19 ·40	19	10	Sun.	3	7 ·52	25 ·59	21
13	Sun.	4	7 ·88	16 ·54	20	12	Wed.	4	6 ·19	20 ·51	20	11	Mon.	4	8 ·55	26 ·64	22
14	Mon.	5	8 ·93	17 ·62	21	13	Thur.	5	7 ·28	21 ·61	21	12	Tues.	5	9 ·55	27 ·67	23
15	Tues.	6	9 ·99	18 ·70	22	14	Fri.	6	8 ·36	22 ·72	22	13	Wed.	6	10 .54	1 ·68	24
16	Wed.	7	... ...	19 ·80	23	15	Sat.	7	9 ·44	23 ·81	23	14	Thur.	7	11 ·51	2 ·68	25
17	Thur.	8	10 ·07	20 ·90	24	16	Sun.	8	10 ·51	24 .89	24	15	Fri.	8	12 ·46	3 ·66	26
18	Fri.	9	11 ·17	... ...	25	17	Mon.	9	11 ·56	25 ·97	25	16	Sat.	9	13 ·40	4 ·61	27
19	Sat.	10	12 ·25	21 ·01	26	18	Tues.	10	12 ·57	... ...	26	17	Sun.	10	14 ·31	5 ·56	28
20	Sun.	11	13 ·33	22 ·12	27	19	Wed.	11	13 ·58	26 ·01	27	18	Mon.●	11	A ·21	6 ·50	29
21	Mon.	12	14 ·40	23 ·21	28	20	Thur.	12	14 ·56	27 ·03	28	19	Tues.	12	1 ·11	7 ·44	30
22	Tues.	13	A ·45	24 ·28	29	21	Fri.	13	A ·54	1 ·03	29				2 ·01		
23	Wed.	14	1 ·48	25 ·34	30					2 ·02		20	Wed.	13	3 ·91	8 ·37	1
24	Thur.	15	2 ·49	26 ·37	1	22	Sat.	14	1 ·47	3 ·98	30	21	Thur.	14	4 ·81	9 ·30	2
25	Fri.	16	3 ·47	27 ·39	2	23	Sun.	15	2 ·40	4 ·95	1	22	Fri.	15	5 ·72	10 ·23	3
26	Sat.	17	4 ·43	1 ·38	3	24	Mon.	16	3 ·32	5 ·89	2	23	Sat.	16	6 ·63	11 ·17	4
27	Sun.	18	5 ·38	2 ·36	4	25	Tues.	17	4 ·23	6 ·82	3	24	Sun.	17	7 ·56	12 ·14	5
28	Mon.	19	6 ·31	3 ·32	5	26	Wed.	18	5 ·14	7 ·75	4	25	Mon.	18	8 ·49	13 ·10	6
29	Tues.	20	7 ·24	4 ·27	6				6 ·04			26	Tues	19	9 ·46	14 ·09	7
1	Wed.	21	8 ·15	5 ·21	7	27	Thur.	19	7 ·94	8 ·68	5	27	Wed.	20	10 ·44	15 ·09	8
2	Thur.	22	9 ·05	6 ·14	8	28	Fri.	20	8 ·84	9 ·62	6	28	Thur.	21	11 ·44	16 ·11	9
			10 ·95			29	Sat.	21	9 ·74	10 ·56	7	29	Fri.	22	12 ·46	17 ·15	10
3	Fri.	23	11 ·85	7 ·07	9	30	Sun.	22	10 ·65	11 ·51	8	30	Sat.	23	13 ·51	18 ·23	11
			12 ·75	8 ·00		31	Mon.	23	11 ·59	12 ·46	9	31	Sun.	24	14 ·57	19 ·31	12
4	Sat.	24		9 ·94	10	1	Tues.	24	12 ·53	13 ·44	10	32	Mon.○	25	P ·68	20 ·40	13
5	Sun.	25	13 ·66	10 ·88	11	2	Wed.	25	13 ·49	14 ·44	11	1	Tues.	26	1 ·72	21 ·51	14
6	Mon.	26	14 ·59	11 ·84	12	3	Thur.	26	14 ·48	15 ·45	12	2	Wed.	27	2 ·80	22 ·61	15
7	Tues.	27	P ·52	12 ·81	13	4	Fri.	27	P ·48	16 ·48	13	3	Thur.	28	3 ·88	23 ·73	16
8	Wed.	28	1 ·48	13 ·79	14	5	Sat.	28	1 ·50	17 ·53	14	4	Fri.	29	4 ·95	24 ·82	17
						6	Sun.	29	2 ·56	18 ·61	15	5	Sat.	30	... ...	25 ·86	18
						7	Mon.	30	3 ·63	19 ·71	16						

Vibhava. **Mīna—Pāṅguni.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vibhava. **Kumbha—Māsi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vibhava. **Makara—Tai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vibhava. **Mīna—Pāṅguni.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Phālguna. **Chaitra.** **Vaiśākha.** **Jyeshṭha.** **Āshādha.**

H. 481 *Zi-l-ḥijja.* *H.* 481 *Muharram.* *H.* 482 *Ṣafar.* *H.* 482 *Rabi-ul awwal.* *H.* 482 *Rabi-ul akhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1089. **Kollam 265,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 482.** Commences **March 16.** **Vikrama 1146.** **Bengal San. 495.** **(N. Cycle) Aṅgiras.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	5 ·01	26 ·95	19	6	Sat.	1	9 ·75	6 ·52	22	6	Thur.	1	11 ·39	13 ·76	24
7	Mon.	2	6 ·03	27 ·99	20	7	Sun.	2	10 ·65	7 ·45	23	7	Fri.	2	12 ·31	14 ·73	25
8	Tues.	3	7 ·04	... ...	21	8	Mon.	3	11 ·55	8 ·38	24	8	Sat.	3	13 ·26	15 ·71	26
9	Wed.	4	8 ·02	1 ·01	22	9	Tues.	4	12 ·45	9 ·31	25	9	Sun.	4	14 ·24	16 ·71	27
			9 ·99	2 ·01		10	Wed.	5	13 ·35	10 ·25	26	10	Mon.	5	—A ·22	17 ·73	28
10	Thur.	5	10 ·94	3 ·98	23	11	Thur.	6	14 ·25	11 ·19	27	11	Tues.	6	1 ·23	18 ·77	—29
11	Fri.	6	11 ·87	4 ·95	24	12	Fri.	7	—A ·18	12 ·13	28	12	Wed.	7	2 ·24	19 ·84	1
12	Sat.	7	12 ·80	5 ·90	25	13	Sat.	8	1 ·12	13 ·09	—29	13	Thur.	8	3 ·29	20 ·92	2
13	Sun.	8	13 ·70	6 ·84	26	14	Sun.	9	2 ·06	14 ·06	1	14	Fri.	9	4 ·35	... ...	3
14	Mon.	9	14 ·60	7 ·78	27	15	Mon.	10	3 ·01	15 ·06	2	15	Sat.	10	5 ·43	21 ·01	4
15	Tues.	10	—A ·50	8 ·71	28	16	Tues.	11	4 ·00	16 ·07	3	16	Sun.	11	6 ·53	22 ·11	5
16	Wed.	11	1 ·40	9 ·64	—29				5 ·99			17	Mon.	12	7 ·63	23 ·22	6
17	Thur.	12	2 ·30	10 ·57	1	17	Wed.	12	... ...	17 ·10	4	18	Tues.	13	8 ·71	24 ·33	7
18	Fri.	13	3 ·20	11 ·52	2	18	Thur.	13	6 ·03	18 ·15	5	19	Wed.	14	9 ·78	25 ·43	8
19	Sat.	14	4 ·12	12 ·47	3	19	Fri.	14	7 ·08	19 ·22	6	20	Thur.	15	10 ·85	26 ·50	9
20	Sun.	15	5 ·05	13 ·43	4	20	Sat.	15	8 ·13	20 ·31	7	21	Fri.	16	11 ·87	27 ·56	10
			6 ·99			21	Sun.	16	9 ·20	21 ·41	8	22	Sat.	17	12 ·88	1 ·60	11
21	Mon.	16	7 ·95	14 ·41	5	22	Mon.	17	10 ·30	22 ·52	9	23	Sun.	18	13 ·88	2 ·63	12
22	Tues.	17	8 ·92	15 ·41	6	23	Tues.	18	11 ·38	23 ·62	10	24	Mon.	19	14 ·83	3 ·63	13
23	Wed.	18	9 ·93	16 ·43	7	24	Wed.	19	12 ·46	24 ·72	11	25	Tues.	20	P ·78	4 ·61	14
24	Thur.	19	10 ·94	17 ·47	8	25	Thur.	20	13 ·54	25 ·81	12	26	Wed.	21	1 ·72	5 ·57	15
25	Fri.	20	... ...	18 ·53	9	26	Fri.	21	14 ·59	26 ·89	13	27	Thur.	22	2 ·64	6 ·53	16
26	Sat.	21	11 ·00	19 ·61	10	27	Sat.	22	P ·62	27 ·94	14	28	Fri.	23	3 ·55	7 ·48	17
27	Sun.	22	12 ·06	20 ·70	11	28	Sun.	23	1 ·64	1 ·97	15	—29	Sat.	24	4 ·46	8 ·41	18
28	Mon.	23	13 ·13	21 ·81	12	29	Mon.	24	2 ·63	2 ·98	16	1	Sun.	25	5 ·36	9 ·34	19
29	Tues.	24	14 ·21	22 ·92	13	30	Tues.	25	3 ·60	3 ·97	17	2	Mon.	26	6 ·26	10 ·27	20
30	Wed.	25	P ·30	... ...	14	—31	Wed.	26	4 ·56	4 ·95	18	3	Tues.	27	7 ·17	11 ·20	21
—31	Thur.	26	1 ·38	23 ·03	15	1	Thur.	27	5 ·50	5 ·91	19	4	Wed.	28	8 ·09	12 ·15	22
1	Fri.	27	2 ·44	24 ·12	16	2	Fri.	28	6 ·42	6 ·85	20				9 ·01		
2	Sat.	28	3 ·50	25 ·20	17	3	Sat.	29	7 ·33	7 ·79	21	5	Thur.	29	10 ·95	13 ·10	23
3	Sun.	29	4 ·53	26 ·26	18	4	Sun.	30	8 ·23	8 ·72	22	6	Fri.	30	11 ·91	14 ·06	24
4	Mon.	30	5 ·54	27 ·31	19												
5	Tues.	31	6 ·52	1 ·33	20												
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	7 ·50	2 ·33	21	5	Mon.	1	9 ·13	9 ·66	23	7	Sat.	1	12 ·86	15 ·03	25
7	Thur.	2	8 ·45	3 ·31	22	6	Tues.	2	10 ·03	10 ·59	24	8	Sun.	2	13 ·86	16 ·03	26
8	Fri.	3	9 ·38	4 ·28	23				11 ·94			9	Mon.	3	14 ·87	17 ·04	27
9	Sat.	4	10 ·30	5 ·23	24	7	Wed.	3	12 ·85	11 ·53	25	10	Tues.	4	—A ·91	18 ·09	28
10	Sun.	5	11 ·21	6 ·18	25	8	Thur.	4	13 ·77	12 ·47	26	11	Wed.	5	1 ·96	19 ·14	29
11	Mon.	6	12 ·11	7 ·12	26	9	Fri.	5	14 ·70	13 ·42	27	12	Thur.	6	... ...	20 ·22	—30
			13 ·01	8 ·04		10	Sat.	6	—A ·64	14 ·40	28	13	Fri.	7	2 ·02	21 ·31	1
12	Tues.	7	14 ·91	9 ·97	27	11	Sun.	7	1 ·61	15 ·38	29	14	Sat.	8	3 ·10	22 ·41	2
13	Wed.	8	—A ·81	10 ·91	28	12	Mon.	8	2 ·59	16 ·39	—30	15	Sun.	9	4 ·19	23 ·53	3
14	Thur.	9	1 ·72	11 ·85	29	13	Tues.	9	3 ·60	17 ·41	1	16	Mon.	10	5 ·28	24 ·63	4
15	Fri.	10	2 ·64	12 ·80	—30	14	Wed.	10	4 ·63	18 ·46	2	17	Tues.	11	6 ·36	25 ·73	5
16	Sat.	11	3 ·56	13 ·77	1	15	Thur.	11	5 ·67	19 ·53	3	18	Wed.	12	7 ·43	26 ·81	6
17	Sun.	12	4 ·51	14 ·74	2	16	Fri.	12	6 ·74	20 ·61	4	19	Thur.	13	8 ·49	27 ·87	7
18	Mon.	13	5 ·46	15 ·73	3	17	Sat.	13	7 ·81	21 ·71	5	20	Fri.	14	9 ·51	1 ·93	8
19	Tues.	14	6 ·45	16 ·75	4	18	Sun.	14	8 ·91	22 ·82	6	21	Sat.	15	10 ·54	2 ·95	9
20	Wed.	15	7 ·45	17 ·79	5	19	Mon.	15	... ...	23 ·92	7	22	Sun.	16	11 ·52	3 ·96	10
21	Thur.	16	8 ·47	18 ·84	6	20	Tues.	16	9 ·00	... ...	8	23	Mon.	17	12 ·49	4 ·94	11
22	Fri.	17	9 ·52	19 ·91	7	21	Wed.	17	10 ·08	24 ·02	9	24	Tues.	18	13 ·45	5 ·91	12
23	Sat.	18	10 ·57	... ...	8	22	Thur.	18	11 ·14	25 ·12	10	25	Wed.	19	14 ·38	6 ·87	13
24	Sun.	19	11 ·65	20 ·00	9	23	Fri.	19	12 ·19	26 ·20	11	26	Thur	20	P ·30	7 ·81	14
25	Mon.	20	12 ·73	21 ·11	10	24	Sat.	20	13 ·24	27 ·25	12	27	Fri.	21	1 ·21	8 ·75	15
26	Tues.	21	13 ·82	22 ·22	11	25	Sun.	21	14 ·25	1 ·29	13	28	Sat.	22	2 ·11	9 ·68	16
27	Wed.	22	14 ·90	23 ·32	12	26	Mon.	22	P ·24	2 ·30	14				3 ·01		
28	Thur.	23	P ·97	24 ·42	13	27	Tues.	23	1 ·21	3 ·31	15	—29	Sun.	23	4 ·92	10 ·61	17
29	Fri.	24	... ...	25 ·51	14	28	Wed.	24	2 ·17	4 ·28	16						
30	Sat.	25	1 ·02	26 ·58	15	29	Thur.	25	3 ·11	5 ·24	17	1	Mon.	24	5 ·83	11 ·54	18
—31	Sun.	26	2 ·06	27 ·63	16				4 ·03			2	Tues.	25	6 ·74	12 ·48	19
1	Mon.	27	3 ·07	1 ·65	17	—30	Fri.	26	5 ·94	6 ·19	18	3	Wed.	26	7 ·66	13 ·43	20
2	Tues.	28	4 ·05	2 ·66	18	1	Sat.	27	6 ·85	7 ·13	19	4	Thur.	27	8 ·59	14 ·39	21
			5 ·03			2	Sun.	28	7 ·75	8 ·07	20	5	Fri.	28	9 ·54	15 ·36	22
3	Wed.	29	6 ·98	3 ·63	19	3	Mon.	29	8 ·65	9 ·00	21	6	Sat.	29	10 ·51	16 ·35	23
4	Thur.	30	7 ·92	4 ·61	20					10 ·93		7	Sun.	30	11 ·50	17 ·37	24
5	Fri.	31	8 ·84	5 ·58	21	4	Tues.	30	9 ·56	11 ·86	22	8	Mon.	31	12 ·50	18 ·40	25
						5	Wed.	31	10 ·47	12 ·80	23						

Śukla. Karkataka—Ādi. Bahula. Śrāvaṇa. Śukla. Siṁha—Āvaṇi. Bahula. Bhādrapada. Śukla. Kanyā—Puraṭṭāsi. Bahula. Āśvina. Śukla. Tulā—Aippāsi. Bahula. Kārttika. Śukla. Vṛśchika—Kārttigai. Bahula. Mārgaśirsha. Śukla. Dhanus—Mārgaḷi. Bahula. Pausha. Śukla. Makara—Tai. Bahula.

H. 482 Rabī-ul ākhir. H. 482 Jamāda'l awwal. H. 482 Jamāda'l ākhir. H. 482 Rajab. H. 482 Sha'bān. H. 482 Ramaẓān. H. 482 Shawwāl.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1090. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·03.** **Śaka 1012.** **Kaliyuga 4191.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·99.** **(S. Cycle) Pramoda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatr. ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Tues.	1	13 ·53	19 ·45	26	8	Fri.	1	... ...	23 ·42	26	8	Wed.	1	14 ·40	2 ·54	27
10	Wed.	2	14 ·60	20 ·52	27	9	Sat.	2	13 ·07	24 ·53	27	9	Thur.	2	—A ·41	3 ·57	28
11	Thur.	3	—A ·67	21 ·61	28	10	Sun.	3	14 ·15	25 ·63	28	10	Fri.	3	1 ·38	4 ·58	—29
12	Fri.	4	1 ·77	22 ·72	—29	11	Mon.	4	—A ·22	26 ·73	29	11	Sat.	4	2 ·34	5 ·56	1
13	Sat.	5	2 ·85	23 ·82	1	12	Tues.	5	1 ·29	27 ·81	—30	12	Sun.	5	3 ·30	6 ·53	2
14	Sun.	6	3 ·93	24 ·93	2	13	Wed.	6	2 ·33	1 ·87	1	13	Mon.	6	4 ·22	7 ·50	3
15	Mon.	7	... ...	... ..	3	14	Thur.	7	3 ·37	2 ·91	2	14	Tues.	7	5 ·13	8 ·44	4
16	Tues.	8	4 ·01	25 ·03	4	15	Fri.	8	4 ·36	3 ·92	3	15	Wed.	8	6 ·04	9 ·38	5
17	Wed.	9	5 ·09	26 ·12	5	16	Sat.	9	5 ·35	4 ·93	4				7 ·94		
18	Thur.	10	6 ·14	27 ·19	6	17	Sun.	10	6 ·31	5 ·91	5	16	Thur.	9	8 ·84	10 ·31	6
19	Fri.	11	7 ·16	1 ·24	7	18	Mon.	11	7 ·26	6 ·87	6	17	Fri.	10	9 ·74	11 ·24	7
20	Sat.	12	8 ·17	2 ·27	8	19	Tues.	12	8 ·19	7 ·82	7	18	Sat.	11	10 ·64	12 ·18	8
21	Sun.	13	9 ·16	3 ·28	9	20	Wed.	13	9 ·10	8 ·76	8	19	Sun.	12	11 ·54	13 ·11	9
22	Mon.	14	10 ·13	4 ·27	10	21	Thur.	14	10 ·01	9 ·70	9	20	Mon.	13	12 ·46	14 ·06	10
23	Tues.	15	11 ·07	5 ·24	11				11 ·91							15 ·01	
24	Wed.	16	12 ·00	6 ·20	12	22	Fri.	15	12 ·81	10 ·63	10	21	Tues.	14	13 ·39	16 ·98	11
			13 ·91			23	Sat.	16	13 ·71	11 ·56	11	22	Wed.	15	14 ·35	17 ·97	12
25	Thur.	17	14 ·82	7 ·15	13	24	Sun.	17	14 ·61	12 ·49	12	23	Thur.	16	☽ ·30	18 ·99	13
26	Fri.	18	☽ ·73	8 ·09	14	25	Mon.	18	☽ ·52	13 ·43	13	24	Fri.	17	1 ·30	... ...	14
27	Sat.	19	1 ·64	9 ·02	15	26	Tues.	19	1 ·43	14 ·39	14	25	Sat.	18	2 ·31	19 ·02	15
				10 ·95		27	Wed.	20	2 ·37	15 ·35	15	26	Sun.	19	3 ·33	20 ·06	16
28	Sun.	20	2 ·55	11 ·89	16	28	Thur.	21	3 ·33	16 ·33	16	27	Mon.	20	4 ·38	21 ·13	17
29	Mon.	21	3 ·45	12 ·82	17	29	Fri.	22	4 ·30	17 ·33	17	28	Tues.	21	5 ·45	22 ·22	18
—30	Tues.	22	4 ·37	13 ·76	18	—30	Sat.	23	5 ·28	18 ·34	18	29	Wed.	22	6 ·52	23 ·32	19
1	Wed.	23	5 ·29	14 ·72	19	1	Sun.	24	6 ·29	19 ·39	19	30	Thur.	23	7 ·59	24 ·43	20
2	Thur.	24	6 ·21	15 ·69	20	2	Mon.	25	7 ·33	20 ·45	20	—31	Fri.	24	8 ·67	25 ·54	21
3	Fri.	25	7 ·17	16 ·68	21	3	Tues.	26	8 ·37	21 ·52	21	1	Sat.	25	9 ·76	26 ·64	22
4	Sat.	26	8 ·14	17 ·69	22	4	Wed.	27	9 ·43	22 ·62	22	2	Sun.	26	10 ·82	27 ·72	23
5	Sun.	27	9 ·14	18 ·71	23	5	Thur.	28	10 ·52	23 ·72	23	3	Mon.	27	11 ·87	1 ·81	24
6	Mon.	28	10 ·14	19 ·76	24	6	Fri.	29	11 ·62	24 ·82	24	4	Tues.	28	12 ·90	2 ·86	25
7	Tues.	29	11 ·18	20 ·83	25	7	Sat.	30	12 ·70	25 ·94	25	5	Wed.	29	13 ·90	3 ·89	26
8	Wed.	30	12 ·22	21 ·92	26	8	Sun.	31	13 ·77	... ...	26	6	Thur.	30	14 ·88	4 ·90	27
9	Thur.	31	13 ·29	... ...	27							7	Fri.	31	—A ·85	5 ·89	28
		Feb.						**April.**						**June.**			
10	Fri.	1	14 ·37	22 ·02	28	9	Mon.	1	14 ·83	26 ·03	27	8	Sat.	1	1 ·79	6 ·87	29
11	Sat.	2	—A ·45	23 ·12	29	10	Tues.	2	—A ·88	27 ·12	28	9	Sun.	2	2 ·73	7 ·83	—30
12	Sun.	3	1 ·54	24 ·23	—30	11	Wed.	3	1 ·90	1 ·18	29	10	Mon.	3	3 ·64	8 ·78	1
13	Mon.	4	2 ·62	25 ·33	1	12	Thur.	4	2 ·90	2 ·22	—30	11	Tues.	4	4 ·54	9 ·72	2
14	Tues.	5	3 ·70	26 ·43	2	13	Fri.	5	3 ·89	3 ·25	1	12	Wed.	5	5 ·44	10 ·65	3
15	Wed.	6	4 ·75	27 ·50	3	14	Sat.	6	4 ·84	4 ·25	2	13	Thur.	6	6 ·33	11 ·58	4
16	Thur.	7	5 ·78	1 ·56	4	15	Sun.	7	5 ·79	5 ·24	3	14	Fri.	7	7 ·23	12 ·52	5
17	Fri.	8	6 ·78	2 ·59	5	16	Mon.	8	6 ·72	6 ·20	4	15	Sat.	8	8 ·13	13 ·45	6
18	Sat.	9	7 ·76	3 ·60	6	17	Tues.	9	7 ·64	7 ·16	5				9 ·03		
19	Sun.	10	8 ·74	4 ·59	7	18	Wed.	10	8 ·54	8 ·11	6	16	Sun.	9	10 ·94	14 ·39	7
20	Mon.	11	9 ·68	5 ·58	8	19	Thur.	11	9 ·44	9 ·04	7	17	Mon.	10	11 ·87	15 ·35	8
21	Tues.	12	10 ·61	6 ·54	9					10 ·97		18	Tues.	11	12 ·82	16 ·31	9
22	Wed.	13	11 ·53	7 ·48	10	20	Fri.	12	10 ·34	11 ·90	8	19	Wed.	12	13 ·78	17 ·31	10
23	Thur.	14	12 ·44	8 ·42	11	21	Sat.	13	11 ·24	12 ·83	9	20	Thur.	13	14 ·77	18 ·31	11
24	Fri.	15	13 ·35	9 ·35	12	22	Sun.	14	12 ·14	13 ·78	10	21	Fri.	14	☽ ·76	19 ·33	12
25	Sat.	16	14 ·25	10 ·29	13	23	Mon.	15	13 ·04	14 ·73	11	22	Sat.	15	1 ·80	20 ·37	13
26	Sun.	17	☽ ·15	11 ·22	14				14 ·96			23	Sun.	16	2 ·84	21 ·44	14
27	Mon.	18	1 ·05	12 ·16	15	24	Tues.	16	☽ ·89	15 ·68	12	24	Mon.	17	3 ·91	22 ·53	15
			2 ·96			25	Wed.	17	1 ·85	16 ·66	13	25	Tues.	18	4 ·98	23 ·62	16
28	Tues.	19	3 ·88	13 ·10	16	26	Thur.	18	2 ·82	17 ·65	14	26	Wed.	19	... ...	24 ·73	17
29	Wed.	20	4 ·81	14 ·05	17	27	Fri.	19	3 ·79	18 ·66	15	27	Thur.	20	5 ·06	25 ·83	18
—30	Thur.	21	5 ·77	15 ·03	18	28	Sat.	20	4 ·80	19 ·70	16	28	Fri.	21	6 ·15	26 ·94	19
1	Fri.	22	6 ·75	16 ·01	19	29	Sun.	21	5 ·84	20 ·76	17	29	Sat.	22	7 ·23	... ...	20
2	Sat.	23	7 ·73	17 ·01	20	30	Mon.	22	6 ·89	21 ·83	18	30	Sun.	23	8 ·29	27 ·04	21
3	Sun.	24	8 ·70	18 ·03	21	—31	Tues.	23	7 ·94	22 ·92	19	31	Mon.	24	9 ·33	1 ·11	22
4	Mon.	25	9 ·77	19 ·07	22	1	Wed.	24	... ...	... ...	20	—32	Tues.	25	10 ·37	2 ·17	23
5	Tues.	26	10 ·82	20 ·14	23	2	Thur.	25	8 ·04	23 ·02	21	1	Wed.	26	11 ·36	3 ·21	24
6	Wed.	27	11 ·90	21 ·22	24	3	Fri.	26	9 ·12	24 ·13	22	2	Thur.	27	12 ·34	4 ·22	25
7	Thur.	28	12 ·98	22 ·32	25	4	Sat.	27	10 ·19	25 ·24	23	3	Fri.	28	13 ·31	5 ·23	26
						5	Sun.	28	11 ·26	26 ·34	24	4	Sat.	29	14 ·25	6 ·20	27
						6	Mon.	29	12 ·33	27 ·42	25	5	Sun.	30	—A ·19	7 ·17	28
						7	Tues.	30	13 ·38	1 ·49	26						

Śukla. **Makara—Tai.** *Śukla.* **Kumbha—Māsi.** *Śukla.* **Mīna—Pāṅguni.** *Śukla.* **Mēsha—Chittirai.** *Pramoda.* **Vṛishabha—Vaigāśi.** *Pramoda.* **Mithuna—Āni.** *Pramoda.*

Śukla. **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshtha.** *Śukla.* **Āshādha.** *Bahula.*

H. 482 *Ẓi-l-ka'da.* *H.* 482 *Ẓi-l-hijja.* *H.* 483 *Muḥarram.* *H.* 483 *Ṣafar.* *H.* 483 *Rabī-ul awwal.* *H.* 483 *Rabī-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1090. **Kollam 266,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 483.** Commences **March 6.** **Vikrama 1147.** **Bengal San. 496.** **(N. Cycle) Śrīmukha.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Pramoda.				
Karkaṭaka—Ādi.				
6	Mon. 1	1 ·11	8 ·11	—29
7	Tues. 2	2 ·01 / 3 ·91	9 ·05 / 10 ·99	1
8	Wed. 3	4 ·81	11 ·93	2
9	Thur. 4	5 ·71	12 ·86	3
10	Fri. 5	6 ·60	13 ·79	4
11	Sat. 6	7 ·51	14 ·73	5
12	Sun. 7	8 ·43	15 ·68	6
13	Mon. 8	9 ·36	16 ·65	7
14	Tues. 9	10 ·30	17 ·63	8
15	Wed. 10	11 ·26	18 ·63	9
16	Thur. 11	12 ·25	19 ·65	10
17	Fri. 12	13 ·25	20 ·68	11
18	Sat. 13	14 ·27	21 ·75	12
19	Sun. 14	P ·31	22 ·83	13
20	Mon. 15	1 ·38	23 ·92	14
21	Tues. 16	2 ·46	... ...	15
22	Wed. 17	3 ·55	24 ·03	16
23	Thur. 18	4 ·63	25 ·13	17
24	Fri. 19	5 ·70	26 ·25	18
25	Sat. 20	6 ·77	27 ·34	19
26	Sun. 21	7 ·81	1 ·42	20
27	Mon. 22	8 ·85	2 ·48	21
28	Tues. 23	9 ·86	3 ·52	22
29	Wed. 24	10 ·85	4 ·54	23
30	Thur. 25	11 ·81	5 ·55	24
—31	Fri. 26	12 ·76	6 ·53	25
1	Sat. 27	13 ·69	7 ·50	26
2	Sun. 28	14 ·60	8 ·45	27
3	Mon. 29	A ·51	9 ·39	28
4	Tues. 30	1 ·42	10 ·33	29
5	Wed. 31	2 ·32	11 ·26	—30
	Aug.			
Pramoda.				
Siṁha—Āvaṇi.				
6	Thur. 1	3 ·22	12 ·19	1
7	Fri. 2	4 ·12	13 ·13	2
8	Sat. 3	5 ·02 / 6 ·93	14 ·06	3
9	Sun. 4	7 ·87	15 ·02 / 16 ·98	4
10	Mon. 5	8 ·82	17 ·96	5
11	Tues. 6	9 ·78	18 ·95	6
12	Wed. 7	10 ·77	19 ·96	7
13	Thur. 8	11 ·78	... ...	8
14	Fri. 9	12 ·79	20 ·01	9
15	Sat. 10	13 ·83	21 ·06	10
16	Sun. 11	14 ·89	22 ·13	11
17	Mon. 12	P ·96	23 ·22	12
18	Tues. 13	... ...	24 ·32	13
19	Wed. 14	1 ·04	25 ·43	14
20	Thur. 15	2 ·13	26 ·55	15
21	Fri. 16	3 ·22	27 ·64	16
22	Sat. 17	4 ·29	1 ·73	17
23	Sun. 18	5 ·33	2 ·79	18
24	Mon. 19	6 ·37	3 ·84	19
25	Tues. 20	7 ·38	4 ·87	20
26	Wed. 21	8 ·37	5 ·88	21
27	Thur. 22	9 ·34	6 ·86	22
28	Fri. 23	10 ·30	7 ·83	23
29	Sat. 24	11 ·22	8 ·78	24
30	Sun. 25	12 ·14	9 ·74	25
—31	Mon. 26	13 ·05 / 14 ·95	10 ·67	26
1	Tues. 27	A ·85	11 ·60	27
2	Wed. 28	1 ·75	12 ·53	28
3	Thur. 29	2 ·65	13 ·46	—29
4	Fri. 30	3 ·56	14 ·41	1
5	Sat. 31	4 ·48	15 ·35	2

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Pramoda.				
Kanyā—Purattāśi.				
6	Sun. 1	5 ·41	16 ·31	3
7	Mon. 2	6 ·36	17 ·28	4
8	Tues. 3	7 ·32	18 ·27	5
9	Wed. 4	8 ·30	19 ·29	6
10	Thur. 5	9 ·32	20 ·32	7
11	Fri. 6	10 ·34	21 ·37	8
12	Sat. 7	11 ·39	22 ·44	9
13	Sun. 8	12 ·44	23 ·52	10
14	Mon. 9	13 ·51	24 ·62	11
15	Tues. 10	14 ·60	25 ·74	12
16	Wed. 11	P ·69	26 ·84	13
17	Thur. 12	1 ·78	27 ·94	14
18	Fri. 13	2 ·85	... ...	15
19	Sat. 14	3 ·90	1 ·03	16
20	Sun. 15	4 ·93	2 ·10	17
21	Mon. 16	5 ·95	3 ·16	18
22	Tues. 17	6 ·93	4 ·19	19
23	Wed. 18	7 ·90	5 ·20	20
24	Thur. 19	8 ·85	6 ·19	21
25	Fri. 20	9 ·78	7 ·16	22
26	Sat. 21	10 ·70	8 ·13	23
27	Sun. 22	11 ·61	9 ·07	24
28	Mon. 23	12 ·52	10 ·01 / 11 ·94	25
29	Tues. 24	13 ·42	12 ·87	26
30	Wed. 25	14 ·32	13 ·81	27
—31	Thur. 26	A ·23	14 ·75	28
1	Fri. 27	1 ·14	15 ·69	29
2	Sat. 28	2 ·06 / 3 ·99	16 ·64	—30
3	Sun. 29	4 ·94	17 ·61	1
4	Mon. 30	5 ·90	18 ·59	2
	Oct.			
Pramoda.				
Tulā—Aippaśi.				
5	Tues. 1	6 ·88	19 ·61	3
6	Wed. 2	7 ·90	20 ·63	4
7	Thur. 3	8 ·92	21 ·68	5
8	Fri. 4	9 ·98	22 ·74	6
9	Sat. 5	... ...	23 ·82	7
10	Sun. 6	10 ·04	24 ·93	8
11	Mon. 7	11 ·10	... ...	9
12	Tues. 8	12 ·19	25 ·04	10
13	Wed. 9	13 ·29	26 ·14	11
14	Thur. 10	14 ·37	27 ·24	12
15	Fri. 11	P ·44	1 ·33	13
16	Sat. 12	1 ·49	2 ·42	14
17	Sun. 13	2 ·53	3 ·47	15
18	Mon. 14	3 ·54	4 ·51	16
19	Tues. 15	4 ·53	5 ·52	17
20	Wed. 16	5 ·50	6 ·52	18
21	Thur. 17	6 ·46	7 ·50	19
22	Fri. 18	7 ·39	8 ·46	20
23	Sat. 19	8 ·31	9 ·41	21
24	Sun. 20	9 ·22	10 ·35	22
25	Mon. 21	10 ·13	11 ·28	23
26	Tues. 22	11 ·03 / 12 ·93	12 ·22	24
27	Wed. 23	13 ·83	13 ·15	25
28	Thur. 24	14 ·75	14 ·08	26
29	Fri. 25	A ·67	15 ·02 / 16 ·97	27
—30	Sat. 26	1 ·59	17 ·94	28
1	Sun. 27	2 ·55	18 ·93	—29
2	Mon. 28	3 ·52	19 ·93	1
3	Tues. 29	4 ·51	20 ·95	2
4	Wed. 30	5 ·52	21 ·99	3
5	Thur. 31	6 ·55	... ...	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Pramoda.				
Vṛśchika—Kārttigai.				
6	Fri. 1	7 ·60	22 ·05	5
7	Sat. 2	8 ·66	23 ·14	6
8	Sun. 3	9 ·74	24 ·23	7
9	Mon. 4	10 ·83	25 ·33	8
10	Tues. 5	11 ·93	26 ·44	9
11	Wed. 6	... ...	27 ·54	10
12	Thur. 7	12 ·00	1 ·65	11
13	Fri. 8	13 ·07	2 ·72	12
14	Sat. 9	14 ·13	3 ·78	13
15	Sun. 10	P ·16	4 ·82	14
16	Mon. 11	1 ·17	5 ·84	15
17	Tues. 12	2 ·16	6 ·85	16
18	Wed. 13	3 ·13	7 ·83	17
19	Thur. 14	4 ·08	8 ·79	18
20	Fri. 15	5 ·01 / 6 ·92	9 ·75	19
21	Sat. 16	7 ·83	10 ·69	20
22	Sun. 17	8 ·74	11 ·62	21
23	Mon. 18	9 ·65	12 ·56	22
24	Tues. 19	10 ·55	13 ·49	23
25	Wed. 20	11 ·45	14 ·42	24
26	Thur. 21	12 ·37	15 ·36	25
27	Fri. 22	13 ·30	16 ·31	26
28	Sat. 23	14 ·24	17 ·28	27
—29	Sun. 24	A ·18	18 ·25	28
1	Mon. 25	1 ·16	19 ·25	29
2	Tues. 26	2 ·15	20 ·26	—30
3	Wed. 27	3 ·16	21 ·30	1
4	Thur. 28	4 ·20	22 ·36	2
5	Fri. 29	5 ·25	23 ·44	3
6	Sat. 30	6 ·32	24 ·53	4
	Dec.			
Pramoda.				
Dhanus—Mārgali.				
7	Sun. 1	7 ·40	25 ·63	5
8	Mon. 2	8 ·49	26 ·74	6
9	Tues. 3	9 ·58	27 ·85	7
10	Wed. 4	10 ·66	1 ·95	8
11	Thur. 5	11 ·73	... ...	9
12	Fri. 6	12 ·77	2 ·03	10
13	Sat. 7	13 ·81	3 ·09	11
14	Sun. 8	14 ·82	4 ·14	12
15	Mon. 9	P ·81	5 ·17	13
16	Tues. 10	1 ·77	6 ·18	14
17	Wed. 11	2 ·72	7 ·16	15
18	Thur. 12	3 ·66	8 ·13	16
19	Fri. 13	4 ·58	9 ·08	17
20	Sat. 14	5 ·49	10 ·02 / 11 ·97	18
21	Sun. 15	6 ·40	12 ·90	19
22	Mon. 16	7 ·31	13 ·83	20
23	Tues. 17	8 ·21	14 ·76	21
24	Wed. 18	9 ·11	15 ·69	22
25	Thur. 19	10 ·02 / 11 ·94	16 ·65	23
26	Fri. 20	12 ·88	17 ·61	24
27	Sat. 21	13 ·83	18 ·58	25
28	Sun. 22	14 ·81	19 ·57	26
29	Mon. 23	A ·79	20 ·58	27
—30	Tues. 24	1 ·81	21 ·62	28
1	Wed. 25	2 ·84	22 ·67	—29
2	Thur. 26	3 ·90	23 ·74	1
3	Fri. 27	4 ·97	24 ·83	2
4	Sat. 28	... ...	25 ·93	3
5	Sun. 29	5 ·05	... ...	4
6	Mon. 30	6 ·14	26 ·05	5
7	Tues. 31	7 ·23	27 ·15	6

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1091. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·29.** **Śaka 1013.** **Kaliyuga 4192.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·25.** **(S. Cycle) Prajāpati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	8 ·32	1 ·25	7	8	Sat. 1	8 ·67	5 ·13	7	8	Thur. 1	10 ·35	12 ·60	9
9	Thur. 2	9 ·38	2 ·34	8	9	Sun. 2	9 ·65	6 ·14	8	9	Fri. 2	11 ·25	13 ·53	10
10	Fri. 3	10 ·41	3 ·40	9	10	Mon. 3	10 ·61	7 ·14	9	10	Sat. 3	12 ·15	14 ·46	11
11	Sat. 4	11 ·44	4 ·45	10	11	Tues. 4	11 ·55	8 ·13	10	11	Sun. 4	13 ·05	15 ·39	12
12	Sun. 5	12 ·46	5 ·49	11	12	Wed. 5	12 ·49	9 ·09	11			14 ·95		
13	Mon. 6	13 ·45	6 ·50	12				10 ·04		12	Mon.○ 5	ℙ ·85	16 ·32	13
14	Tues. 7	14 ·41	7 ·49	13	13	Thur. 6	13 ·40	11 ·98	12	13	Tues. 6	1 ·78	17 ·28	14
15	Wed. 8	ℙ ·36	8 ·46	14			Phālguna.			14	Wed. 7	2 ·72	18 ·23	15
16	Thur. 9	1 ·28	9 ·41	15	14	Fri. 7	14 ·31	12 ·91	13	15	Thur. 8	3 ·66	19 ·20	16
17	Fri. 10	2 ·20	10 ·37	16	15	Sat. 8	ℙ ·21	13 ·85	14	16	Fri. 9	4 ·63	20 ·19	17
18	Sat. 11	3 ·11	11 ·30	17	16	Sun. 9	1 ·11	14 ·78	15	17	Sat. 10	5 ·61	21 ·20	18
19	Sun. 12	4 ·02	12 ·23	18	17	Mon. 10	2 ·01	15 ·71	16	18	Sun. 11	6 ·62	22 ·24	19
		5 ·93					3 ·91			19	Mon. 12	7 ·64	23 ·28	20
20	Mon. 13	6 ·83	13 ·16	19	18	Tues. 11	4 ·82	16 ·65	17	20	Tues. 13	8 ·69	24 ·35	21
21	Tues. 14	7 ·73	14 ·09	20	19	Wed. 12	5 ·75	17 ·60	18	21	Wed. 14	9 ·77	25 ·44	22
			15 ·04		20	Thur. 13	6 ·68	18 ·56	19	22	Thur. 15	10 ·85	26 ·54	23
22	Wed. 15	8 ·63	16 ·98	21	21	Fri. 14	7 ·63	19 ·55	20	23	Fri. 16	11 ·93	27 ·65	24
23	Thur. 16	9 ·57	17 ·94	22	22	Sat. 15	8 ·60	20 ·55	21	24	Sat. 17	... ...	1 ·76	25
24	Fri. 17	10 ·51	18 ·91	23	23	Sun. 16	9 ·59	21 ·56	22	25	Sun. 18	12 ·00	2 ·86	26
25	Sat. 18	11 ·46	19 ·89	24	24	Mon. 17	10 ·60	22 ·60	23	26	Mon. 19	13 ·07	3 ·95	27
26	Sun. 19	12 ·44	20 ·91	25	25	Tues. 18	11 ·63	23 ·66	24	27	Tues. 20	14 ·13	... ...	28
27	Mon. 20	13 ·42	21 ·93	26	26	Wed. 19	12 ·69	24 ·74	25	28	Wed.● 21	A ·18	4 ·02	29
28	Tues. 21	14 ·45	22 ·98	27	27	Thur. 20	13 ·76	25 ·84	26	29	Thur. 22	1 ·21	5 ·08	30
29	Wed. 22	A ·48	... ...	28	28	Fri. 21	14 ·84	26 ·94	27	30	Fri. 23	2 ·21	6 ·11	1
1	Thur. 23	1 ·54	23 ·05	29	29	Sat. 22	A ·93	... ...	28	31	Sat. 24	3 ·19	7 ·12	2
2	Fri. 24	2 ·60	24 ·13	30	30	Sun. 23	... ...	27 ·05	29	32	Sun. 25	4 ·15	8 ·11	3
3	Sat. 25	3 ·68	25 ·24	1	1	Mon. 24	1 ·02	1 ·15	30	1	Mon. 26	5 ·10	9 ·08	4
4	Sun. 26	4 ·77	26 ·34	2	2	Tues. 25	2 ·11	2 ·26	1			6 ·02		
5	Mon. 27	5 ·86	27 ·45	3	3	Wed. 26	3 ·15	3 ·34	2	2	Tues. 27	7 ·93	10 ·04	5
6	Tues. 28	6 ·94	1 ·55	4	4	Thur. 27	4 ·19	4 ·40	3				11 ·00	
7	Wed. 29	... ...	2 ·64	5	5	Fri. 28	5 ·20	5 ·44	4	3	Wed. 28	8 ·84	12 ·94	6
8	Thur. 30	7 ·00	3 ·71	6	6	Sat. 29	6 ·21	6 ·46	5	4	Thur. 29	9 ·74	13 ·87	7
9	Fri. 31	8 ·06	4 ·78	7	7	Sun. 30	7 ·19	7 ·47	6	5	Fri. 30	10 ·64	14 ·80	8
					8	Mon. 31	8 ·16	8 ·46	7	6	Sat. 31	11 ·54	15 ·73	9
	Feb.					**April.**					**June.**			
10	Sat. 1	9 ·07	5 ·81	8	9	Tues. 1	9 ·10	9 ·42	8	7	Sun. 1	12 ·44	16 ·67	10
11	Sun. 2	10 ·07	6 ·82	9			10 ·03			8	Mon. 2	13 ·34	17 ·61	11
12	Mon. 3	11 ·07	7 ·81	10	10	Wed. 2	11 ·96	10 ·37	9	9	Tues. 3	14 ·26	18 ·57	12
		12 ·03			11	Thur. 3	12 ·85	11 ·32	10	10	Wed. 4	ℙ ·19	19 ·53	13
13	Tues. 4	13 ·97	8 ·79	11	12	Fri. 4	13 ·75	12 ·26	11	11	Thur. 5	1 ·13	20 ·52	14
14	Wed. 5	14 ·90	9 ·76	12	13	Sat. 5	14 ·65	13 ·19	12	12	Fri. 6	2 ·11	21 ·53	15
15	Thur. 6	ℙ ·83	10 ·70	13	14	Sun. 6	ℙ ·55	14 ·12	13	13	Sat. 7	3 ·09	22 ·55	16
16	Fri. 7	1 ·73	11 ·64	14	15	Mon. 7	1 ·45	15 ·05	14	14	Sun. 8	4 ·10	23 ·59	17
17	Sat. 8	2 ·63	12 ·57	15			Chaitra.	16 ·99		15	Mon. 9	5 ·12	24 ·66	18
18	Sun. 9	3 ·53	13 ·50	16	16	Tues. 8	2 ·36	17 ·93	15	16	Tues. 10	6 ·17	25 ·74	19
19	Mon. 10	4 ·44	14 ·44	17	17	Wed. 9	3 ·27	18 ·90	16	17	Wed. 11	7 ·23	26 ·84	20
20	Tues. 11	5 ·35	15 ·38	18	18	Thur. 10	4 ·21	19 ·88	17	18	Thur. 12	8 ·31	27 ·95	21
21	Wed. 12	6 ·26	16 ·32	19	19	Fri. 11	5 ·16	20 ·87	18	19	Fri. 13	9 ·40	... ...	22
22	Thur. 13	7 ·18	17 ·27	20	20	Sat. 12	6 ·13	21 ·88	19	20	Sat. 14	10 ·49	1 ·06	23
23	Fri. 14	8 ·11	18 ·24	21	21	Sun. 13	7 ·12	22 ·91	20	21	Sun. 15	11 ·56	2 ·16	24
24	Sat. 15	9 ·07	19 ·23	22	22	Mon. 14	8 ·12	23 ·98	21	22	Mon. 16	12 ·62	3 ·25	25
25	Sun. 16	10 ·04	20 ·23	23	23	Tues. 15	9 ·16	... ...	22	23	Tues. 17	13 ·67	4 ·32	26
26	Mon. 17	11 ·02	21 ·25	24	24	Wed. 16	10 ·21	24 ·05	23	24	Wed. 18	14 ·68	5 ·39	27
27	Tues. 18	12 ·04	22 ·29	25	25	Thur. 17	11 ·28	25 ·14	24	25	Thur. 19	A ·68	6 ·43	28
28	Wed. 19	13 ·07	23 ·35	26	26	Fri. 18	12 ·36	26 ·24	25	26	Fri. 20	1 ·67	7 ·44	29
29	Thur. 20	14 ·13	24 ·43	27	27	Sat. 19	13 ·44	27 ·34	26	27	Sat. 21	2 ·63	8 ·44	1
30	Fri. 21	A ·20	25 ·54	28	28	Sun. 20	14 ·52	1 ·46	27	28	Sun. 22	3 ·57	9 ·41	2
1	Sat. 22	1 ·29	26 ·64	29	29	Mon. 21	A ·59	2 ·56	28	29	Mon. 23	4 ·50	10 ·39	3
2	Sun. 23	2 ·38	27 ·75	1	30	Tues. 22	1 ·66	3 ·64	29	30	Tues. 24	5 ·42	11 ·33	4
3	Mon. 24	3 ·46	1 ·85	2	31	Wed. 23	2 ·71	4 ·71	1	31	Wed. 25	6 ·33	12 ·27	5
4	Tues. 25	4 ·53	2 ·94	3	1	Thur. 24	3 ·73	5 ·76	2	1	Thur. 26	7 ·23	13 ·21	6
5	Wed. 26	5 ·59	... ...	4	2	Fri. 25	4 ·72	6 ·79	3	2	Fri. 27	8 ·13	14 ·14	7
6	Thur. 27	6 ·65	3 ·03	5	3	Sat. 26	5 ·70	7 ·80	4			9 ·03		
7	Fri. 28	7 ·67	4 ·09	6	4	Sun. 27	6 ·67	8 ·78	5	3	Sat. 28	10 ·93	15 ·07	8
					5	Mon. 28	7 ·60	9 ·75	6				16 ·01	
					6	Tues. 29	8 ·53	10 ·71	7	4	Sun. 29	11 ·83	17 ·95	9
					7	Wed. 30	9 ·44	11 ·66	8	5	Mon. 30	12 ·75	18 ·90	10

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13 H. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25 P. Bhad. 26. U. Bhad. 27. Rev.

Pramoda. **Makara—Tai.** — *Sukla.* Bahula. Pausha. Māgha. — *H.* 483 *Zi-l-ka'da.* — *H.* 484 *Muharram.*

Pramoda. **Kumbha—Māśi.** — *Sukla.* Bahula. — *H.* 483 *Zi-l-hijja.* — *H.* 484 *Safar.*

Prajāpati. **Mēsha—Chittirai.** — *Sukla.* Bahula. Chaitra. — *H.* 484 *Rabi-ul awwal.*

Pramoda. **Mīna—Pañguni.** — *Sukla.* Bahula. Phālguna. — *H.* 484 *Rabi-ul ākhir.*

Prajāpati. **Vrishabha—Vaigāśi.** — *Sukla.* Bahula. Vaiśākha. — *H.* 484 *Jumāda'l awwal.*

Prajāpati. **Mithuna—Āni.** — *Sukla.* Bahula. Jyeshtha. — *H.* 484 *Jumāda'l ākhir.*

Prajāpati. **Kark.—Ādi.** — *Sukla.*

A.D. 1091. **Kollam 267** { **N. Malabar—Aug.** **S. Malabar—July.** **Hijra 484.** **Vikrama 1148.**
A—Amāvāsyā. Commences **Commences Feb. 23.** **Bengal San. 497.**
P—Paurnimā. **(N. Cycle) Bhāva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	13 ·68	19 ·86	11	5	Mon.	1	1 ·75	26 ·74	14	6	Sat.	1	2 ·37	5 ·95	16
7	Wed.	2	14 ·62	20 ·85	12	6	Tues.	2	2 ·83	27 ·84	15	7	Sun.	2	3 ·43	... ...	17
8	Thur.	3	P ·59	21 ·85	13	7	Wed.	3	3 ·91	1 ·95	16	8	Mon.	3	4 ·45	6 ·00	18
9	Fri.	4	1 ·57	22 ·87	14	8	Thur.	4	... ...	... ...	17	9	Tues.	4	5 ·45	7 ·04	19
10	Sat.	5	2 ·59	23 ·90	15	9	Fri. ○	5	4 ·00	2 ·06	18	10	Wed.	5	6 ·45	8 ·06	20
11	Sun.	6	3 ·61	24 ·96	16	10	Sat.	6	5 ·08	3 ·16	19	11	Thur.	6	7 ·41	9 ·06	21
12	Mon.	7	4 ·65	... ...	17	11	Sun.	7	6 ·16	4 ·25	20	12	Fri.	7	8 ·36	10 ·04	22
13	Tues.	8	5 ·71	25 ·05	18	12	Mon.	8	7 ·20	5 ·32	21	13	Sat.	8	9 ·29	11 ·01	23
14	Wed.	9	6 ·79	26 ·14	19	13	Tues.	9	8 ·23	6 ·37	22					12 ·96	
15	Thur.	10	7 ·87	27 ·25	20	14	Wed.	10	9 ·24	7 ·41	23	14	Sun.	9	10 ·22	13 ·90	24
16	Fri.	11	8 ·95	1 ·35	21	15	Thur.	11	10 ·22	8 ·42	24	15	Mon.	10	11 ·13	14 ·84	25
17	Sat.	12	... ...	2 ·46	22	16	Fri.	12	11 ·20	9 ·41	25	16	Tues.	11	12 ·04	15 ·77	26
18	Sun.	13	9 ·04	3 ·55	23	17	Sat.	13	12 ·15	10 ·38	26				13 ·94		
19	Mon.	14	10 ·10	4 ·64	24	18	Sun.	14	13 ·09	11 ·34	27	17	Wed.	12	14 ·84	16 ·71	27
20	Tues.	15	11 ·14	5 ·70	25	19	Mon.	15	14 ·00	12 ·29	28	18	Thur.	13	—A ·74	17 ·64	28
21	Wed.	16	12 ·17	6 ·74	26				A ·91			19	Fri.	14	1 ·66	18 ·58	29
22	Thur.	17	13 ·18	7 ·76	27	20	Tues.	16	1 ·81	13 ·23	29	20	Sat.	15	2 ·59	19 ·53	—30
23	Fri.	18	14 ·16	8 ·76	28	21	Wed.	17	2 ·71	14 ·16	—30	21	Sun.	16	3 ·52	20 ·49	1
24	Sat.	19	—A ·11	9 ·75	29	22	Thur.	18	3 ·61	15 ·09	1	22	Mon.	17	4 ·47	21 ·47	2
25	Sun	20	1 ·08	10 ·72	—30					16 ·02		23	Tues.	18	5 ·45	22 ·47	3
			2 ·00			23	Fri.	19	4 ·51	17 ·95	2	24	Wed.	19	6 ·43	23 ·48	4
26	Mon.	21	3 ·92	11 ·67	1	24	Sat.	20	5 ·48	18 ·91	3	25	Thur.	20	7 ·45	24 ·52	5
27	Tues.	22	4 ·83	12 ·61	2	25	Sun.	21	6 ·35	19 ·86	4	26	Fri.	21	8 ·49	25 ·57	6
28	Wed.	23	5 ·72	13 ·54	3	26	Mon.	22	7 ·28	20 ·83	5	27	Sat.	22	9 ·54	26 ·66	7
29	Thur.	24	6 ·62	14 ·48	4	27	Tues.	23	8 ·22	21 ·81	6	28	Sun.	23	10 ·61	27 ·75	8
30	Fri.	25	7 ·52	15 ·41	5	28	Wed.	24	9 ·19	22 ·82	7	29	Mon.	24	11 ·70	1 ·85	9
31	Sat.	26	8 ·42	16 ·34	6	29	Thur.	25	10 ·19	23 ·85	8	—30	Tues.	25	12 ·79	2 ·96	10
—32	Sun.	27	9 ·33	17 ·28	7	—30	Fri.	26	11 ·21	24 ·90	9	1	Wed.	26	13 ·87	... ...	11
1	Mon.	28	10 ·25	18 ·23	8	1	Sat.	27	12 ·23	25 ·96	10	2	Thur.	27	14 ·95	3 ·06	12
2	Tues.	29	11 ·18	19 ·20	9	2	Sun.	28	13 ·28	... ...	11	3	Fri.	28	... ...	4 ·16	13
3	Wed.	30	12 ·12	20 ·18	10	3	Mon.	29	14 ·35	26 ·04	12	4	Sat.	29	P ·02	5 ·25	14
4	Thur.	31	13 ·09	21 ·17	11	4	Tues.	30	P ·42	27 ·14	13	5	Sun.	30	1 ·07	6 ·32	15
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	14 ·08	22 ·18	12	5	Wed.	1	1 ·50	1 ·26	14	6	Mon.	1	2 ·09	7 ·36	16
6	Sat.	2	P ·08	23 ·22	13	6	Thur.	2	2 ·60	2 ·36	15	7	Tues.	2	3 ·11	8 ·38	17
7	Sun.	3	1 ·10	24 ·27	14	7	Fri.	3	3 ·69	3 ·46	16	8	Wed.	3	4 ·09	9 ·38	18
8	Mon.	4	2 ·15	25 ·35	15	8	Sat.	4	4 ·75	4 ·55	17	9	Thur.	4	5 ·06	10 ·38	19
9	Tues.	5	3 ·22	26 ·44	16	9	Sun.	5	5 ·79	5 ·63	18				6 ·00		
10	Wed.	6	4 ·29	27 ·54	17	10	Mon.	6	6 ·82	6 ·69	19	10	Fri.	5	7 ·94	11 ·35	20
11	Thur.	7	5 ·37	1 ·65	18	11	Tues.	7	7 ·83	7 ·73	20	11	Sat.	6	8 ·86	12 ·30	21
12	Fri.	8	6 ·46	2 ·76	19	12	Wed.	8	8 ·82	8 ·74	21	12	Sun.	7	9 ·77	13 ·24	22
13	Sat.	9	7 ·55	3 ·86	20	13	Thur.	9	9 ·79	9 ·73	22	13	Mon.	8	10 ·68	14 ·18	23
14	Sun.	10	8 ·61	4 ·95	21	14	Fri.	10	10 ·75	10 ·71	23	14	Tues.	9	11 ·58	15 ·12	24
15	Mon.	11	9 ·65	... ...	22	15	Sat.	11	11 ·68	11 ·67	24					16 ·05	
16	Tues.	12	10 ·67	5 ·01	23	16	Sun.	12	12 ·60	12 ·63	25	15	Wed.	10	12 ·48	17 ·98	25
17	Wed.	13	11 ·69	6 ·06	24	17	Mon.	13	13 ·51	13 ·57	26	16	Thur.	11	13 ·38	18 ·91	26
18	Thur.	14	12 ·67	7 ·08	25	18	Tues.	14	14 ·41	14 ·50	27	17	Fri.	12	14 ·30	19 ·86	27
19	Fri.	15	13 ·65	8 ·10	26	19	Wed.	15	—A ·31	15 ·43	28	18	Sat.	13	—A ·22	20 ·83	28
20	Sat.	16	14 ·59	9 ·08	27	20	Thur.	16	1 ·21	16 ·36	—29	19	Sun.	14	1 ·17	21 ·80	—29
21	Sun.	17	—A ·53	10 ·05	28	21	Fri.	17	2 ·12	17 ·30	1	20	Mon.	15	2 ·12	22 ·79	1
				11 ·00					3 ·04			21	Tues.	16	3 ·09	23 ·80	2
22	Mon.	18	1 ·44	12 ·95	—29	22	Sat.	18	4 ·97	18 ·24	2	22	Wed.	17	4 ·09	24 ·83	3
23	Tues.	19	2 ·35	13 ·89	1	23	Sun.	19	5 ·90	19 ·19	3	23	Thur.	18	5 ·10	25 ·89	4
24	Wed.	20	3 ·25	14 ·82	2	24	Mon.	20	6 ·83	20 ·16	4	24	Fri.	19	6 ·14	26 ·96	5
25	Thur.	21	4 ·15	15 ·75	3	25	Tues.	21	7 ·81	21 ·14	5	25	Sat.	20	7 ·19	... ...	6
						26	Wed.	22	8 ·79	22 ·15	6	26	Sun.	21	8 ·27	27 ·06	7
26	Fri.	22	5 ·05	16 ·68	4	27	Thur.	23	9 ·82	23 ·17	7	27	Mon.	22	9 ·35	1 ·15	8
			6 ·95			28	Fri.	24	10 ·85	24 ·21	8	28	Tues.	23	10 ·44	2 ·26	9
27	Sat.	23	7 ·86	17 ·62	5	29	Sat.	25	11 ·89	25 ·27	9	—29	Wed.	24	11 ·53	3 ·36	10
28	Sun.	24	8 ·78	18 ·57	6	—30	Sun.	26	12 ·96	26 ·35	10	1	Thur.	25	12 ·61	4 ·47	11
29	Mon.	25	9 ·71	19 ·53	7	1	Mon.	27	... ...	27 ·45	11	2	Fri.	26	13 ·67	5 ·56	12
30	Tues.	26	10 ·65	20 ·50	8	2	Tues.	28	13 ·04	1 ·55	12	3	Sat.	27	14 ·71	6 ·62	13
—31	Wed.	27	11 ·62	21 ·49	9	3	Wed.	29	14 ·13	2 ·66	13	4	Sun.	28	P ·73	7 ·68	14
1	Thur.	28	12 ·61	22 ·50	10	4	Thur. ○	30	P ·22	3 ·76	14	5	Mon.	29	1 ·74	8 ·70	15
2	Fri.	29	13 ·63	23 ·53	11	5	Fri.	31	1 ·30	4 ·86	15	6	Tues.	30	2 ·72	9 ·72	16
3	Sat.	30	14 ·65	24 ·59	12							7	Wed.	31	3 ·70	10 ·71	17
4	Sun.	31	P ·69	25 ·66	13												

Prajāpati. **Karkataka—Ādi.** *Bahula.* *Sukla.* *H. 484 Jamāda'l awwal.*

Prajāpati. **Kanyā—Puratṭāśi.** *Bahula.* *Sukla.* *H. 484 Rajab.*

Prajāpati. **Tulā—Aippaśi.** *Bahula.* *Sukla.* *H. 484 Sha'bān.*

Prajāpati. **Vṛiśchika—Kārttigai.** *Bahula.* *Sukla.* *H. 484 Ramazān.*

Prajāpati. **Dhanus—Mārgali.** *Bahula.* *Sukla.* *H. 484 Shawwāl.*

Prajāpati. **Simha—Āvaṇi.** *Bahula.* *Sukla.* *H. 484 Jamāda'l ākhir.*

Prajāpati. **Kumbha—Māsi.** *Bahula.* *Sukla.* *H. 484 Zi-l-ka'da.*

Prajāpati. **Mīna—Paṅguni.** *Bahula.* *Sukla.* *H. 484 Zi-l-ḥi'ja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1092. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·54.** **Śaka 1014.** **Kaliyuga 4193.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·50.** **(S. Cycle) Aṅgiras.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Thur.	1	4 ·65	11 ·68	18	9	Mon.	1	5 ·41	16 ·06 }	19	9	Sat.	1	8 ·96	23 ·41	21
9	Fri.	2	5 ·58	12 ·63	19					17 ·99 }		10	Sun.	2	9 ·94	24 ·42	22
10	Sat.	3	6 ·49	13 ·58	20	10	Tues.	2	6 ·31	18 ·93	20	11	Mon.	3	10 ·95	25 ·45	23
11	Sun.	4	7 ·40	14 ·52	21	11	Wed.	3	7 ·22	19 ·87	21	12	Tues.	4	11 ·99	26 ·50	24
12	Mon.	5	8 ·31	15 ·45	22	12	Thur.	4	8 ·13	20 ·82	22	13	Wed.	5	... ...	27 ·57	25
13	Tues.	6	9 ·21	16 ·38	23	13	Fri.	5	9 ·04	21 ·78	23	14	Thur.	6	12 ·04	1 ·66	26
14	Wed.	7	10 ·11	17 ·31	24				10 ·98			15	Fri.	7	13 ·10	2 ·76	27
15	Thur.	8	11 ·02	18 ·25	25	14	Sat.	6	11 ·94	22 ·76	24	16	Sat.	8	14 ·18	3 ·86	28
			12 ·94			15	Sun.	7	12 ·92	23 ·77	25	17	Sun.	9	—A ·27	4 ·97	29
16	Fri.	9	13 ·86	19 ·20	26	16	Mon.	8	13 ·90	24 ·78	26	18	Mon.	10	1 ·35	... ...	—30
17	Sat.	10	14 ·81	20 ·16	27	17	Tues.	9	14 ·93	25 ·82	27	19	Tues.	11	2 ·42	5 ·08	1
18	Sun.	11	—A ·77	21 ·13	28	18	Wed.	10	—A ·96	26 ·88	28	20	Wed.	12	3 ·47	6 ·17	2
19	Mon.	12	1 ·73	22 ·11	29	19	Thur.	11	... ...	27 ·96	29	21	Thur.	13	4 ·51	7 ·24	3
20	Tues.	13	2 ·72	23 ·12	—30	20	Fri.	12	1 ·02	... ...	—30	22	Fri.	14	5 ·54	8 ·29	4
21	Wed.	14	3 ·73	24 ·14	1	21	Sat.	13	2 ·09	1 ·06	1	23	Sat.	15	6 ·54	9 ·32	5
22	Thur.	15	4 ·78	25 ·20	2	22	Sun.	14	3 ·17	2 ·16	2	24	Sun.	16	7 ·52	10 ·34	6
23	Fri.	16	5 ·83	26 ·27	3	23	Mon.	15	4 ·25	3 ·27	3	25	Mon.	17	8 ·48	11 ·33	7
24	Sat.	17	6 ·91	27 ·35	4	24	Tues.	16	5 ·33	4 ·37	4	26	Tues.	18	9 ·42	12 ·30	8
25	Sun.	18	7 ·99	1 ·45	5	25	Wed.	17	6 ·41	5 ·47	5	27	Wed.	19	10 ·35	13 ·26	9
26	Mon.	19	... ...	2 ·55	6	26	Thur.	18	7 ·46	6 ·56	6	28	Thur.	20	11 ·26	14 ·21	10
27	Tues.	20	8 ·07	3 ·67	7	27	Fri.	19	8 ·51	7 ·62	7	29	Fri.	21	12 ·16	15 ·16	11
28	Wed.	21	9 ·16	4 ·77	8	28	Sat.	20	9 ·52	8 ·66	8	30	Sat.	22	13 ·06	16 ·09	12
—29	Thur.	22	10 ·24	5 ·86	9	29	Sun.	21	10 ·52	9 ·68	9				14 ·96		
1	Fri.	23	11 ·31	6 ·93	10	30	Mon.	22	11 ·51	10 ·68	10	31	Sun.	23	P ·86	17 ·02	13
2	Sat.	24	12 ·35	7 ·99	11	—31	Tues.	23	12 ·47	11 ·68	11					18 ·95 }	
3	Sun.	25	13 ·37	... ...	12	1	Wed.	24	13 ·41	12 ·64	12	—32	Mon.	24	1 ·76	19 ·88	14
4	Mon.	26	14 ·37	8 ·03	13	2	Thur.	25	14 ·34	13 ·59	13	1	Tues.	25	2 ·67	20 ·83	15
5	Tues.	27	P ·35	9 ·04	14	3	Fri.	26	P ·25	14 ·54	14	2	Wed.	26	3 ·58	21 ·79	16
6	Wed.	28	1 ·32	10 ·03	15	4	Sat.	27	1 ·15	15 ·47	15	3	Thur.	27	4 ·51	22 ·75	17
7	Thur.	29	2 ·26	11 ·01 }	16	5	Sun.	28	2 ·05	16 ·40	16	4	Fri.	28	5 ·47	23 ·74	18
				12 ·97 }					3 ·95			5	Sat.	29	6 ·43	24 ·74	19
8	Fri.	30	3 ·20	13 ·92	17	6	Mon.	29	4 ·85	17 ·34	17	6	Sun.	30	7 ·42	25 ·77	20
9	Sat.	31	4 ·12	14 ·86	18	7	Tues.	30	5 ·76	18 ·27	18	7	Mon.	31	8 ·43	26 ·81	21
	Feb.					8	Wed.	31	6 ·67	19 ·21	19		**June.**				
10	Sun.	1	5 ·02	15 ·79	19		**April.**					8	Tues.	1	9 ·46	27 ·88	22
			6 ·92			9	Thur.	1	7 ·59	20 ·15	20	9	Wed.	2	10 ·51	1 ·96	23
11	Mon.	2	7 ·82	16 ·72	20	10	Fri.	2	8 ·52	21 ·11	21	10	Thur.	3	11 ·58	... ...	24
12	Tues.	3	8 ·73	17 ·65	21	11	Sat.	3	9 ·48	22 ·10	22	11	Fri.	4	12 ·66	2 ·05	25
13	Wed.	4	9 ·64	18 ·60	22	12	Sun.	4	10 ·45	23 ·09	23	12	Sat.	5	13 ·74	3 ·16	26
14	Thur.	5	10 ·55	19 ·54	23	13	Mon.	5	11 ·43	24 ·10	24	13	Sun.	6	14 ·82	4 ·28	27
15	Fri.	6	11 ·46	20 ·49	24	14	Tues.	6	12 ·43	25 ·13	25	14	Mon.	7	A ·89	5 ·38	28
16	Sat.	7	12 ·40	21 ·45	25	15	Wed.	7	13 ·48	26 ·19	26	15	Tues.	8	1 ·95	6 ·47	—29
17	Sun.	8	13 ·35	22 ·44	26	16	Thur.	8	14 ·55	27 ·27	27	16	Wed.	9	2 ·99	7 ·54	1
18	Mon.	9	14 ·34	23 ·44	27	17	Fri.	9	—A ·62	1 ·36	28	17	Thur.	10	... ...	8 ·60	2
19	Tues.	10	—A ·32	24 ·47	28	18	Sat.	10	1 ·69	2 ·46	—29	18	Fri.	11	3 ·02	9 ·65	3
20	Wed.	11	1 ·34	25 ·51	—29	19	Sun.	11	2 ·77	3 ·56	1				4 ·01		
21	Thur.	12	2 ·39	26 ·57	1	20	Mon.	12	3 ·85	4 ·67	2	19	Sat.	12	5 ·99	10 ·66	4
22	Fri.	13	3 ·44	27 ·65	2	21	Tues.	13	4 ·93	5 ·78	3	20	Sun.	13	6 ·96	11 ·66	5
23	Sat.	14	4 ·52	1 ·75	3	22	Wed.	14	5 ·99	6 ·86	4	21	Mon.	14	7 ·90	12 ·63	6
24	Sun.	15	5 ·60	2 ·86	4	23	Thur.	15	... ...	7 ·93	5	22	Tues.	15	8 ·83	13 ·60	7
25	Mon.	16	6 ·69	3 ·97	5	24	Fri.	16	6 ·03	8 ·98	6	23	Wed.	16	9 ·74	14 ·55	8
26	Tues.	17	7 ·77	... ...	6	25	Sat.	17	7 ·04	... ...	7	24	Thur.	17	10 ·65	15 ·49	9
27	Wed.	18	8 ·84	4 ·07	7	26	Sun.	18	8 ·05	9 ·00	8	25	Fri.	18	11 ·54	16 ·43	10
28	Thur.	19	9 ·90	5 ·16	8	27	Mon.	19	9 ·03	10 ·01	9	26	Sat.	19	12 ·43	17 ·35	11
29	Fri.	20	10 ·94	6 ·24	9				10 ·98			27	Sun.	20	13 ·33	18 ·28	12
—30	Sat.	21	11 ·98	7 ·31	10	28	Tues.	20	11 ·92	11 ·00 }	10	28	Mon.	21	14 ·23	19 ·23	13
1	Sun.	22	12 ·97	8 ·35	11					12 ·97 }		29	Tues.	22	P ·14	20 ·17	14
2	Mon.	23	13 ·96	9 ·36	12	29	Wed.	21	12 ·86	13 ·93	11	30	Wed.	23	1 ·06	21 ·12	15
3	Tues.	24	14 ·91	10 ·36	13	—30	Thur.	22	13 ·77	14 ·87	12				2 ·00		
4	Wed.	25	P ·86	11 ·34	14	1	Fri.	23	14 ·67	15 ·81	13	—31	Thur.	24	3 ·84	22 ·08	16
5	Thur.	26	1 ·79	12 ·31	15	2	Sat. ○	24	P ·57	16 ·75	14				4 ·92		
6	Fri.	27	2 ·70	13 ·26	16	3	Sun.	25	1 ·47	17 ·68	15	1	Fri.	25	5 ·90	23 ·06	17
7	Sat.	28	3 ·61	14 ·20	17	4	Mon.	26	2 ·37	18 ·61	16	2	Sat.	26	6 ·91	24 ·06	18
8	Sun.	29	4 ·51	15 ·13	18	5	Tues.	27	3 ·27	19 ·54	17	3	Sun.	27	7 ·94	25 ·09	19
						6	Wed.	28	4 ·18	20 ·49	18	4	Mon.	28	8 ·95	26 ·12	20
						7	Thur.	29	5 ·09	21 ·45	19	5	Tues.	29	... ...	27 ·18	21
						8	Fri.	30	6 ·03	22 ·42	20	6	Wed.	30		1 ·26	22
									7 ·99								

Prajāpati. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** *Śukla.* *H.* 484 *Zi-l-ḥijja.* *H.* 485 *Muḥarram.*

Prajāpati. **Kumbha—Māśi.** *Bahula.* *Śukla.* **Phālguna.** *Śukla.* *H.* 485 *Muḥarram.*

Aṅgiras. **Vṛish.—Vaigāśi.** *Bahula.* *Śukla.* **Vaiśākha.** *Śukla.* *H.* 485 *Rabī-ul awwal.*

Prajāpati. **Mīna—Pāṅguni.** *Bahula.* *Śukla.* **Chaitra.** *Śukla.* *H.* 485 *Śafar.*

Aṅgiras. **Mēsha—Chittirai.** *Bahula.* *Śukla.* **Jyeshṭha.** *Śukla.* *H.* 485 *Rabī-ul ākhir.*

Aṅgiras. **Mithuna—Āni.** *Bahula.* *Śukla.* **Āshādha.** *Śukla.* *H.* 485 *Jumāda'l awwal.*

Aṅgiras. **Kark.—Ādi.** *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1092. **Kollam 268,** { **N. Malabar—Aug.** **Hijra 485.** **Vikrama 1149.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 12.** **Bengal San. 498.**
P—Paurnimā. **(N. Cycle) Yuva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
7	Thur. 1	9 ·05	2 ·35	23	6	Wed. 1	12 ·53	9 ·59	26	7	Mon. 1	14 ·51	15 ·18	28
8	Fri. 2	10 ·13	3 ·47	24	7	Thur. 2	13 ·55	10 ·62	27	8	Tues. 2	—**A** ·42	16 ·12	29
9	Sat. 3	11 ·21	4 ·57	25	8	Fri. 3	14 ·53	11 ·64	28	9	Wed. 3	1 ·31	17 ·06	—30
10	Sun. 4	12 ·29	5 ·68	26	9	Sat. 4	—**A** ·50	12 ·63	29				18 ·99	
11	Mon. 5	13 ·37	6 ·77	27	10	Sun. 5	1 ·45	13 ·60	—30	10	Thur. 4	2 ·21	19 ·92	1
12	Tues. 6	14 ·44	7 ·85	28	11	Mon. 6	2 ·37	14 ·56	1	11	Fri. 5	3 ·12	20 ·86	2
13	Wed. 7	—**A** ·47	8 ·92	29	12	Tues. 7	3 ·29	15 ·50	2	12	Sat. 6	4 ·03	21 ·80	3
14	Thur. 8	1 ·50	9 ·96	—30	13	Wed. 8	4 ·20	16 ·44	3			5 ·94		
15	Fri. 9	2 ·50	10 ·98	1	14	Thur. 9	5 ·11	17 ·38	4	13	Sun. 7	6 ·85	22 ·75	4
16	Sat. 10	3 ·48	11 ·98	2			6 ·01			14	Mon. 8	7 ·80	23 ·71	5
17	Sun. 11	4 ·44	12 ·96	3	15	Fri. 10	7 ·91	18 ·31	5	15	Tues. 9	8 ·75	24 ·68	6
18	Mon. 12	5 ·39	13 ·94	4	16	Sat. 11	8 ·81	19 ·24	6	16	Wed. 10	9 ·72	25 ·69	7
19	Tues. 13	6 ·32	14 ·89	5	17	Sun. 12	9 ·72	20 ·17	7	17	Thur. 11	10 ·72	26 ·70	8
20	Wed. 14	7 ·23	15 ·83	6	18	Mon. 13	10 ·65	21 ·12	8	18	Fri. 12	11 ·73	27 ·74	9
21	Thur. 15	8 ·14	16 ·76	7	19	Tues. 14	11 ·58	22 ·08	9	19	Sat. 13	12 ·77	1 ·79	10
22	Fri. 16	9 ·04	17 ·69	8	20	Wed. 15	12 ·53	23 ·05	10	20	Sun. 14	13 ·82	2 ·87	11
		10 ·94			21	Thur. 16	13 ·50	24 ·03	11	21	Mon. 15	14 ·90	3 96	12
23	Sat. 17	11 ·84	18 ·63	9	22	Fri. 17	14 ·49	25 ·04	12	22	Tues. 16	**P** ·98	... ...	13
24	Sun. 18	12 ·74	19 ·56	10	23	Sat. 18	**P** ·51	26 ·06	13	23	Wed. 17	... ...	4 ·07	14
25	Mon. 19	13 ·64	20 ·50	11	24	Sun. 19	1 ·53	27 ·12	14	24	Thur. 18	1 ·07	5 ·18	15
26	Tues. 20	14 ·56	21 ·45	12	25	Mon. 20	2 ·58	1 ·18	15	25	Fri. 19	2 ·17	6 ·28	16
27	Wed. 21	**P** ·50	22 ·41	13	26	Tues. 21	3 ·64	2 ·27	16	26	Sat. 20	3 ·24	7 ·38	17
28	Thur. 22	1 ·44	23 ·39	14	27	Wed. 22	4 ·72	3 ·36	17	27	Sun. 21	4 ·30	8 ·46	18
29	Fri. 23	2 ·41	24 ·39	15	28	Thur. 23	5 ·80	4 ·47	18	28	Mon. 22	5 ·35	9 ·54	19
30	Sat. 24	3 ·39	25 ·40	16	29	Fri. 24	6 ·89	5 ·58	19	29	Tues. 23	6 ·38	10 ·58	20
31	Sun. 25	4 ·41	26 ·44	17	—30	Sat. 25	7 ·97	6 ·68	20	—30	Wed. 24	7 ·38	11 ·60	21
—32	Mon. 26	5 ·43	27 ·49	18	1	Sun. 26	... ...	7 ·77	21	1	Thur. 25	8 ·38	12 ·60	22
1	Tues. 27	6 ·48	1 ·56	19	2	Mon. 27	8 ·04	8 ·85	22	2	Fri. 26	9 ·34	13 ·59	23
2	Wed. 28	7 ·54	2 ·66	20	3	Tues. 28	9 ·09	9 ·90	23	3	Sat. 27	10 ·28	14 ·57	24
3	Thur. 29	8 ·62	3 ·77	21	4	Wed. 29	10 ·11	10 ·94	24	4	Sun. 28	11 ·21	15 ·52	25
4	Fri. 30	9 ·70	4 ·87	22	5	Thur. 30	11 ·13	11 ·96	25	5	Mon. 29	12 ·13	16 ·46	26
5	Sat. 31	10 ·79	5 ·98	23								13 ·05		
										6	Tues. 30	14 ·95	17 ·40	27
	Aug.					**Oct.**					**Dec.**			
6	Sun. 1	11 ·87	... ...	24	6	Fri. 1	12 ·11	12 ·95	26	7	Wed. 1	—**A** ·85	18 ·32	28
7	Mon. 2	12 ·93	6 ·07	25	7	Sat. 2	13 ·08	13 ·93	27	8	Thur. 2	1 ·75	19 ·26	—29
8	Tues. 3	13 ·97	7 ·17	26	8	Sun. 3	14 ·04	14 ·89	28	9	Fri. 3	2 ·65	20 ·20	1
9	Wed. 4	14 ·99	8 ·23	27			**A** ·96	15 ·84	—29	10	Sat. 4	3 ·57	21 ·13	2
10	Thur. 5	... ...	9 ·28	28	9	Mon. 4	1 ·88	16 ·79	1	11	Sun. 5	4 ·50	22 ·08	3
11	Fri. 6	**A** ·00	10 ·30	—29	10	Tues. 5	2 ·79	17 ·72	2	12	Mon. 6	5 ·44	23 ·04	4
		1 ·99			11	Wed. 6	3 ·69	18 ·65	3	13	Tues. 7	6 ·39	24 ·01	5
12	Sat. 7	2 ·95	11 ·31	1	12	Thur. 7	4 ·59	19 ·58	4	14	Wed. 8	7 ·37	25 ·01	6
13	Sun. 8	3 ·91	12 ·30	2	13	Fri. 8	5 ·50	20 ·51	5	15	Thur. 9	8 ·36	26 ·02	7
14	Mon. 9	4 ·83	13 ·27	3	14	Sat. 9	6 ·41	21 ·46	6	16	Fri. 10	9 ·38	27 ·05	8
15	Tues. 10	5 ·75	14 ·22	4	15	Sun. 10	7 ·32	22 ·41	7	17	Sat. 11	10 ·42	1 ·10	9
16	Wed. 11	6 ·65	15 ·17	5	16	Mon. 11	8 ·24	23 ·38	8	18	Sun. 12	11 ·47	2 ·17	10
17	Thur. 12	7 ·55	16 ·10	6	17	Tues. 12	9 ·17	24 ·36	9	19	Mon. 13	12 ·55	3 ·27	11
18	Fri. 13	8 ·45	17 ·03	7	18	Wed. 13	10 ·12	25 ·36	10	20	Tues. 14	13 ·63	4 ·37	12
			18 ·97		19	Thur. 14	11 ·10			21	Wed. 15	14 ·73	5 ·48	13
19	Sat. 14	9 ·35	19 ·90	8	20	Fri. 15	12 ·09	26 ·39	11	22	Thur. 16	**P** ·81	6 ·58	14
20	Sun. 15	10 ·26	20 ·84	9	21	Sat. 16	13 ·10	27 ·43	12	23	Fri. 17	1 ·89	7 ·68	15
21	Mon. 16	11 ·17	21 ·78	10	22	Sun. 17	14 ·13	1 ·49	13	24	Sat. 18	2 ·96	8 ·78	16
22	Tues. 17	12 ·09	22 ·74	11	23	Mon. ○ 18	**P** ·18	2 ·57	14	25	Sun. 19	3 ·99	9 ·84	17
23	Wed. 18	13 ·02	23 ·72	12	24	Tues. 19	1 ·26	3 ·66	15	26	Mon. 20	... ..	10 ·89	18
		14 ·96			25	Wed. 20	2 ·34	4 ·77	16	27	Tues. 21	4 ·02	11 ·92	19
24	Thur. 19	**P** ·94	24 ·71	13	26	Thur. 21	3 ·42	5 ·88	17	28	Wed. 22	5 ·03	12 ·93	20
25	Fri. 20	1 ·92	25 ·72	14	27	Fri. 22	4 ·51	6 ·98	18			6 ·02		
26	Sat. 21	2 ·93	26 ·75	15	28	Sat. 23	5 ·60	... ...	19	—29	Thur. 23	7 ·98	13 ·93	21
27	Sun. 22	3 ·95	27 ·80	16	29	Sun. 24	6 ·66	7 ·08	20	1	Fri. 24	8 ·94	14 ·90	22
28	Mon. 23	... ...	1 ·88	17	—30	Mon. 25	7 ·70	8 ·16	21	2	Sat. 25	9 ·86	15 ·85	23
29	Tues. 24	4 ·01	2 ·96	18	1	Tues. 26	8 ·73	9 ·22	22	3	Sun. 26	10 ·77	16 ·80	24
30	Wed. 25	5 ·07	... ...	19	2	Wed. 27	9 ·75	10 ·26	23	4	Mon. 27	11 ·68	17 ·73	25
—31	Thur. 26	6 ·15	3 ·06	20	3	Thur. 28	10 ·73	11 ·28	24	5	Tues. 28	12 ·58	18 ·67	26
1	Fri. 27	7 ·23	4 ·17	21	4	Fri. 29	11 ·70	12 ·28	25	6	Wed. 29	13 ·48	19 ·60	27
2	Sat. 28	8 ·31	5 ·28	22	5	Sat. 30	12 ·65	13 ·26	26	7	Thur. 30	14 ·38	20 ·53	28
3	Sun. 29	9 ·39	6 ·38	23	6	Sun. 31	13 ·59	14 ·22	27	8	Fri. 31	—**A** ·29	21 ·47	29
4	Mon. 30	10 ·46	7 ·47	24										
5	Tues. 31	11 ·51	8 ·54	25										

Āṅgiras. **Karkataka—Ādi.** *Sukla.* *Bahula.* **Śrāvaṇa.** *H.* 485 *Jamādal ākhir.*

Āṅgiras. **Siṁha—Āvaṇi.** *Sukla.* *Bahula.* **Bhādrapada.** *H.* 485 *Rajab.*

Āṅgiras. **Kanyā—Purattāsi.** *Sukla.* *Bahula.* **Āśvina.** *H.* 485 *Sha'bān.*

Āṅgiras. **Tulā—Aippasi.** *Sukla.* *Bahula.* **Kārttika.** *H.* 485 *Ramazān.*

Āṅgiras. **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* **Mārgaśirsha.** *H.* 485 *Shawwāl.*

Āṅgiras. **Dhanus—Mārgali.** *Sukla.* *Bahula.* **Pausha.** *H.* 485 *Zī-l-ka'da.*

Āṅgiras. **Makara—Tai.** *Sukla.* *Bahula.* **Māgha.** *H.* 485 *Zī-l-hajja.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1093. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·80.** **Śaka 1015.** **Kaliyuga 4194.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·76.** **(S. Cycle) Śrīmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sat. 1	1 ·21	22 ·41	--30	9	Tues. 1	1 ·22	.. ..	29	8	Sun. 1	3 ·52	... ...	1
10	Sun. 2	2 ·14	23 ·37	1	10	Wed. 2	2 ·21	27 ·00	—30	9	Mon. 2	4 ·60	6 ·08	2
11	Mon. 3	3 ·08	24 ·35	2	11	Thur. 3	3 ·23	1 ·04	1	10	Tues. 3	5 ·68	7 ·19	3
12	Tues. 4	4 ·03	25 ·33	3	12	Fri. 4	4 ·27	2 ·10	2	11	Wed. 4	6 ·76	8 ·29	4
13	Wed. 5	5 ·02	26 ·34	4	13	Sat. 5	5 ·32	3 ·18	3	12	Thur. 5	7 ·81	9 ·39	5
14	Thur. 6	*Śukla.* 6 ·01	27 ·36	5	14	Sun. 6	6 ·40	4 ·27	4	13	Fri. 6	*Śukla.* 8 ·84	10 ·46	6
15	Fri. 7	7 ·02	1 ·41	6	15	Mon. 7	7 ·49	5 ·38	5	14	Sat. 7	9 ·87	11 ·51	7
16	Sat. 8	8 ·06	2 ·49	7	16	Tues. 8	8 ·58	6 ·49	6	15	Sun. 8	10 ·86	12 ·54	8
17	Sun. 9	9 ·13	3 ·57	8	17	Wed. 9	9 ·66	7 ·59	7	16	Mon. 9	11 ·85	13 ·55	9
18	Mon. 10	10 ·21	4 ·67	9	18	Thur. 10	10 ·72	8 ·69	8	17	Tues. 10	12 ·80	14 ·55	10
19	Tues. 11	11 ·29	5 ·78	10	19	Fri. 11	11 ·78	9 ·77	9	18	Wed. 11	13 ·74	15 ·52	11
20	Wed. 12	12 ·37	6 ·88	11	20	Sat. 12	12 ·83	10 ·83	10	19	Thur. 12	14 ·67	16 ·48	12
21	Thur. 13	13 ·46	7 ·99	12	21	Sun. 13	13 ·84	11 ·88	11	20	Fri. 13	P ·58	17 ·43	13
22	Fri. 14	14 ·54	... ...	13	22	Mon. 14	14 ·84	12 ·90	12	21	Sat. 14	1 ·48	18 ·36	14
23	Sat. 15	P ·60	8 ·08	14	23	Tues. 15	P ·81	13 ·90	13	22	Sun. 15	2 ·38	19 ·31	15
24	Sun. 16	1 ·65	9 ·15	15	24	Wed. 16	1 ·78	14 ·89	14	23	Mon. 16	3 ·28	20 ·24	16
25	Mon. 17	2 ·66	10 ·21	16	25	Thur. 17	2 ·71	15 ·85	15	24	Tues. 17	4 ·18	21 ·16	17
26	Tues. 18	3 ·66	11 ·24	17	26	Fri. 18	3 ·64	16 ·81	16	25	Wed. 18	5 ·08	22 ·10	18
27	Wed. 19	4 ·65	12 ·26	18	27	Sat. 19	4 ·55	17 ·75	17			6 ·99		
28	Thur. 20	5 ·61	13 ·25	19	28	Sun. 20	*Bahula.* 5 ·46	18 ·69	18	26	Thur. 19	7 ·90	23 ·04	19
29	Fri. 21	6 ·55	14 ·23	20	29	Mon. 21	6 ·36	19 ·62	19				24 ·99	
—30	Sat. 22	7 ·48	15 ·19	21	30	Tues. 22	7 ·26	20 ·55	20	27	Fri. 20	8 ·84	25 ·97	20
1	Sun. 23	8 ·40	16 ·13	22	—31	Wed. 23	8 ·16	21 ·49	21	28	Sat. 21	9 ·79	26 ·96	21
2	Mon. 24	9 ·31	17 ·07	23	1	Thur. 24	9 ·06	22 ·43	22	29	Sun. 22	10 ·77	27 ·96	22
3	Tues. 25	10 ·21	18 ·01	24			10 ·98			30	Mon. 23	11 ·75	1 ·98	23
			19 ·94		2	Fri. 25	11 ·90	23 ·37	23	—31	Tues. 24	12 ·77	... ...	24
4	Wed. 26	11 ·11	20 ·87	25	3	Sat. 26	12 ·83	24 ·33	24	1	Wed. 25	13 ·80	2 ·02	25
5	Thur. 27	12 ·01	21 ·81	26	4	Sun. 27	13 ·79	25 ·31	25	2	Thur. 26	14 ·85	3 ·10	26
		13 ·92			5	Mon. 28	14 ·76	26 ·31	26	3	Fri. 27	—A ·91	4 ·18	27
6	Fri. 28	14 ·83	22 ·75	27	6	Tues. 29	—A ·76	27 ·32	27	4	Sat. 28	1 ·99	5 ·28	28
7	Sat. 29	—A ·76	23 ·71	28	7	Wed. 30	1 ·76	1 ·35	28	5	Sun. 29	... ...	6 ·38	—29
8	Sun. 30	1 ·69	24 ·67	29	8	Thur. 31	2 ·81	2 ·41	—29	6	Mon. 30	2 ·07	7 ·49	1
9	Mon. 31	2 ·66	25 ·66	—30						7	Tues. 31	3 ·15	8 ·60	2
	Feb.					**April.**					**June.**			
10	Tues. 1	3 ·63	26 ·66	1	9	Fri. 1	3 ·86	3 ·48	1	8	Wed. 1	4 ·23	9 ·69	3
11	Wed. 2	4 ·62	27 ·68	2	10	Sat. 2	4 ·94	4 ·58	2	9	Thur. 2	5 ·28	10 ·77	4
12	Thur. 3	5 ·64	1 ·73	3	11	Sun. 3	.. ...	5 ·68	3	10	Fri. 3	6 ·33	11 ·82	5
13	Fri. 4	6 ·68	2 ·79	4	12	Mon. 4	5 ·02	6 ·78	4	11	Sat. 4	7 ·35	12 ·86	6
14	Sat. 5	*Śukla.* 7 ·74	3 ·87	5	13	Tues. 5	*Śukla.* 6 ·10	7 ·89	5	12	Sun. 5	*Śukla.* 8 ·34	13 ·88	7
15	Sun. 6	8 ·81	4 ·97	6	14	Wed. 6	7 ·18	8 ·99	6	13	Mon. 6	9 ·32	14 ·88	8
16	Mon. 7	9 ·90	... ...	7	15	Thur. 7	8 ·26	.. ...	7	14	Tues. 7	10 ·27	15 ·85	9
17	Tues. 8	10 ·99	5 ·07	8	16	Fri. 8	9 ·32	9 ·07	8	15	Wed. 8	11 ·22	16 ·81	10
18	Wed. 9	.. ...	6 ·19	9	17	Sat. 9	10 ·36	10 ·15	9	16	Thur. 9	12 ·14	17 ·76	11
19	Thur. 10	11 ·08	7 ·29	10	18	Sun. 10	11 ·37	11 ·20	10	17	Fri. 10	13 ·05	18 ·70	12
20	Fri. 11	12 ·15	8 ·38	11	19	Mon. 11	12 ·36	12 ·22	11			14 ·95		
21	Sat. 12	13 ·21	9 ·46	12	20	Tues. 12	13 ·34	13 ·23	12	18	Sat. 11	P ·85	19 ·64	13
22	Sun. 13	14 ·26	10 ·52	13	21	Wed. 13	14 ·31	14 ·21	13	19	Sun. 12	1 ·75	20 ·57	14
23	Mon. 14	P ·27	11 ·57	14	22	Thur. ○ 14	P ·23	15 ·19	14	20	Mon. 13	2 ·65	21 ·50	15
24	Tues. 15	1 ·27	12 ·58	15	23	Fri. 15	1 ·15	16 ·15	15	21	Tues. 14	3 ·55	22 ·44	16
25	Wed. 16	2 ·25	13 ·58	16			*Vaiśākha.* 2 ·07			22	Wed. 15	4 ·46	23 ·38	17
26	Thur. 17	3 ·22	14 ·56	17	24	Sat. 16	3 ·98	17 ·09	16	23	Thur. 16	5 ·39	24 ·34	18
27	Fri. 18	4 ·15	15 ·52	18				18 ·03		24	Fri. 17	6 ·32	25 ·30	19
		5 ·07			25	Sun. 17	4 ·88	19 ·96	17	25	Sat. 18	7 ·27	26 ·28	20
28	Sat. 19	6 ·98	16 ·47	19	26	Mon. 18	5 ·78	20 ·90	18	26	Sun. 19	8 ·24	27 ·28	21
—29	Sun. 20	7 ·89	17 ·42	20	27	Tues. 19	6 ·67	21 ·83	19	27	Mon. 20	9 ·23	1 ·30	22
1	Mon. 21	*Bahula.* 8 ·80	18 ·35	21	28	Wed. 20	7 ·57	22 ·76	20	28	Tues. 21	*Bahula.* 10 ·24	2 ·34	23
2	Tues. 22	9 ·70	19 ·28	22	29	Thur. 21	8 ·49	23 ·71	21	29	Wed. 22	11 ·27	3 ·40	24
3	Wed. 23	10 ·60	20 ·21	23	30	Fri. 22	9 ·41	24 ·66	22	30	Thur. 23	12 ·33	4 ·48	25
4	Thur. 24	11 ·51	21 ·14	24	—31	Sat. 23	10 ·36	25 ·63	23	31	Fri. 24	13 ·39	5 ·58	26
5	Fri. 25	12 ·42	22 ·09	25	1	Sun. 24	11 ·31	26 ·63	24	—32	Sat. 25	14 ·46	6 ·68	27
6	Sat. 26	13 ·35	23 ·04	26	2	Mon. 25	12 ·28	27 ·64	25	1	Sun. 26	—A ·54	7 ·79	28
7	Sun. 27	14 ·28	24 ·00	27	3	Tues. 26	13 ·27	1 ·67	26	2	Mon. 27	1 ·62	8 ·90	29
8	Mon. 28	—A ·25	25 ·98	28	4	Wed. 27	14 ·27	2 ·72	27	3	Tues. 28	2 ·69	9 ·99	—30
			26 ·98		5	Thur. 28	—A ·32	3 ·78	28	4	Wed. 29	3 ·75	... ...	1
					6	Fri. 29	1 ·37	4 ·88	29	5	Thur. 30	4 ·81	10 ·07	2
					7	Sat. 30	2 ·44	5 ·98	—30					

Āngiras. **Makara—Tai.** — *H.* 485 *Ziḥ-ḥijja.* — *H.* 486 *Muharram.*
Āngiras. **Kumbha—Māśi.** — *H.* 486 *Śafar.* — *H.* 486 *Rabī-ul awwal.*
Āngiras. **Mīna—Pānguni.** — *H.* 486 *Rabī-ul ākhir.* — *H.* 486 *Jamādā'l awwal.*
Śrīmukha. **Mēsha—Chittirai.** — *H.* 486 *Rabī-ul awwal.*
Śrīmukha. **Vṛishabha—Vaigāśi.** — *H.* 486 *Jamādā'l awwal.*
Śrīmukha. **Mithuna—Āni.** — *H.* 486 *Jamādā'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1093. **Kollam 269,** { **N. Malabar—Aug.** **Hijra 486.** **Vikrama 1150.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 1.** **Bengal San. 499.**
P—Paurnimā. **(N. Cycle) Dhātri.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Fri.	1	5 ·83	11 ·13	3		Thur.	1	8 ·50	19 ·66	6		Tues.	1	10 ·14	26 ·93	8
	Sat.	2	6 ·82	12 ·18	4		Fri.	2	9 ·41	20 ·59	7		Wed.	2	11 ·08	27 ·90	9
	Sun.	3	7 ·80	13 ·20	5		Sat.	3	10 ·31	21 ·53	8		Thur.	3	12 ·03	1 ·90	10
	Mon.	4	8 ·75	14 ·20	6		Sun.	4	11 ·21	22 ·46	9		Fri.	4	13 ·02	2 ·91	11
	Tues.	5	9 ·70	15 ·18	7		Mon.	5	12 ·11	23 ·39	10		Sat.	5	14 ·01	3 ·96	12
	Wed.	6	10 ·63	16 ·15	8		Tues.	6	13 ·02	24 ·34	11		Sun.	6	P ·03	... ...	13
	Thur.	7	11 ·55	17 ·10	9				14 ·94				Mon.	7	1 ·05	4 ·02	14
	Fri.	8	12 ·45	18 ·05 / 19 ·98	10		Wed.	7	P ·88	25 ·29	12		Tues.	8	2 ·12	5 ·09	15
	Sat.	9	13 ·35	20 ·91	11		Thur.	8	1 ·82	26 ·27	13		Wed.	9	3 ·19	6 ·18	16
	Sun.	10	14 ·25	21 ·84	12		Fri.	9	2 ·80	27 ·25	14		Thur.	10	4 ·27	7 ·28	17
	Mon.	11	P ·14	22 ·77	13		Sat.	10	3 ·79	1 ·26	15		Fri.	11	5 ·36	8 ·40	18
	Tues.	12	1 ·05	23 ·72	14		Sun.	11	4 ·79	2 ·28	16		Sat.	12	6 ·45	9 ·50	19
	Wed.	13	2 ·96	24 ·67	15		Mon.	12	5 ·83	3 ·33	17		Sun.	13	7 ·53	10 ·60	20
	Thur.	14	3 ·89	25 ·63	16		Tues.	13	6 ·89	4 ·39	18		Mon.	14	8 ·59	11 ·68	21
	Fri.	15	4 ·82	26 ·61	17		Wed.	14	7 ·95	5 ·49	19		Tues.	15	9 ·64	12 ·75	22
	Sat.	16	5 ·76	27 ·60	18		Thur.	15	... ...	6 ·58	20		Wed.	16	10 ·67	13 ·80	23
	Sun.	17	6 ·73	1 ·62	19		Fri.	16	8 ·03	7 ·69	21		Thur.	17	11 ·67	14 ·82	24
	Mon.	18	7 ·72	2 ·66	20		Sat.	17	9 ·12	8 ·79	22		Fri.	18	12 ·65	15 ·82	25
	Tues.	19	8 ·72	3 ·71	21		Sun.	18	10 ·20	9 ·90	23		Sat.	19	13 ·61	16 ·81	26
	Wed.	20	9 ·75	4 ·78	22		Mon.	19	11 ·27	... ...	24		Sun.	20	14 ·55	17 ·78	27
	Thur.	21	10 ·81	5 ·87	23		Tues.	20	12 ·34	10 ·00	25		Mon.	21	A ·48	18 ·73	28
	Fri.	22	11 ·87	6 ·99	24		Wed.	21	13 ·39	11 ·07	26		Tues.	22	1 ·40	19 ·68	29
	Sat.	23	12 ·95	... ...	25		Thur.	22	14 ·43	12 ·12	27		Wed.	23	2 ·32	20 ·61	1
	Sun.	24	... ...	7 ·09	26		Fri.	23	A ·42	13 ·16	28		Thur.	24	3 ·23	21 ·54	2
	Mon.	25	13 ·03	8 ·20	27		Sat.	24	1 ·41	14 ·17	29		Fri.	25	4 ·13	22 ·47	3
	Tues.	26	14 ·12	9 ·29	28		Sun.	25	2 ·37	15 ·17	1		Sat.	26	5 ·03 / 6 ·94	23 ·40	4
	Wed.	27	A ·19	10 ·38	29		Mon.	26	3 ·32	16 ·15	2		Sun.	27	7 ·85	24 ·35	5
	Thur.	28	1 ·26	11 ·44	1		Tues.	27	4 ·26	17 ·11	3		Mon.	28	8 ·78	25 ·30	6
	Fri.	29	2 ·30	12 ·50	2		Wed.	28	5 ·17	18 ·06	4		Tues.	29	9 ·72	26 ·26	7
	Sat.	30	3 ·32	13 ·52	3		Thur.	29	6 ·08 / 7 ·98	19 ·00 / 20 ·94	5		Wed.	30	10 ·68	27 ·23	8
	Sun.	31	5 ·30	14 ·53	4		Fri.	30	8 ·88	21 ·87	6						
	Aug.						**Oct.**						**Dec.**				
	Mon.	1	6 ·26	15 ·51	5		Sat.	1	9 ·78	22 ·80	7		Thur.	1	11 ·66	1 ·22	9
	Tues.	2	7 ·21	16 ·48	6		Sun.	2	10 ·69	23 ·73	8		Fri.	2	12 ·66	2 ·24	10
	Wed.	3	8 ·14	17 ·44	7		Mon.	3	11 ·61	24 ·67	9		Sat.	3	13 ·67	3 ·27	11
	Thur.	4	9 ·05 / 10 ·95	18 ·39	8		Tues.	4	12 ·53	25 ·62	10		Sun.	4	14 ·71	4 ·32	12
	Fri.	5	11 ·85	19 ·32	9		Wed.	5	13 ·47	26 ·60	11		Mon.	5	P ·77	5 ·39	13
	Sat.	6	12 ·75	20 ·25	10		Thur.	6	14 ·41	27 ·58	12		Tues.	6	1 ·84	6 ·48	14
	Sun.	7	13 ·65	21 ·18	11		Fri.	7	P ·39	1 ·58	13		Wed.	7	2 ·93	7 ·59	15
	Mon.	8	14 ·56	22 ·12	12		Sat.	8	1 ·38	2 ·60	14		Thur.	8	... ...	8 ·70	16
	Tues.	9	P ·48	23 ·06	13		Sun.	9	2 ·40	3 ·64	15		Fri.	9	3 ·02	9 ·80	17
	Wed.	10	1 ·40	24 ·00 / 25 ·96	14		Mon.	10	3 ·43	4 ·71	16		Sat.	10	4 ·11	10 ·90	18
	Thur.	11	2 ·32	26 ·93	15		Tues.	11	4 ·48	5 ·79	17		Sun.	11	5 ·18	11 ·99	19
	Fri.	12	3 ·27	27 ·93	16		Wed.	12	5 ·56	6 ·88	18		Mon.	12	6 ·24	... ...	20
	Sat.	13	4 ·24	1 ·94	17		Thur.	13	6 ·64	7 ·99	19		Tues.	13	7 ·29	12 ·07	21
	Sun.	14	5 ·24	2 ·97	18		Fri.	14	7 ·73	... ...	20		Wed.	14	8 ·31	13 ·11	22
	Mon.	15	6 ·24	... ...	19		Sat.	15	8 ·81	8 ·09	21		Thur.	15	9 ·32	14 ·14	23
	Tues.	16	7 ·28	3 ·02	20		Sun.	16	9 ·89	9 ·21	22		Fri.	16	10 ·30	15 ·15	24
	Wed.	17	8 ·33	4 ·09	21		Mon.	17	10 ·95	10 ·30	23		Sat.	17	11 ·26	16 ·14	25
	Thur.	18	9 ·39	5 ·19	22		Tues.	18	... ...	11 ·38	24		Sun.	18	12 ·21	17 ·11	26
	Fri.	19	10 ·47	6 ·28	23		Wed.	19	11 ·00	12 ·44	25		Mon.	19	13 ·13	18 ·07	27
	Sat.	20	11 ·55	7 ·39	24		Thur.	20	12 ·04	13 ·47	26		Tues.	20	14 ·05 / A ·96	19 ·02 / 20 ·95	28
	Sun.	21	12 ·64	8 ·50	25		Fri.	21	13 ·03	14 ·50	27		Wed.	21	1 ·86	21 ·88	29
	Mon.	22	13 ·71	9 ·60	26		Sat.	22	14 ·02 / A ·98	15 ·50	28		Thur.	22	2 ·77	22 ·81	30
	Tues.	23	14 ·78	10 ·68	27		Sun.	23	1 ·94	16 ·48	29		Fri.	23	3 ·68	23 ·75	1
	Wed.	24	A ·82	11 ·76	28		Mon.	24	2 ·86	17 ·44	30		Sat.	24	4 ·59	24 ·69	2
	Thur.	25	1 ·85	12 ·81	29		Tues.	25	3 ·77	18 ·39	1		Sun.	25	5 ·50	25 ·63	3
	Fri.	26	2 ·85	13 ·84	30		Wed.	26	4 ·68	19 ·34	2		Mon.	26	6 ·42	26 ·59	4
	Sat.	27	3 ·83	14 ·85	1		Thur.	27	5 ·59	20 ·28	3		Tues.	27	7 ·36	27 ·56	5
	Sun.	28	4 ·80	15 ·84	2		Fri.	28	6 ·50	21 ·21	4		Wed.	28	8 ·33	1 ·55	6
	Mon.	29	5 ·74	16 ·82	3		Sat.	29	7 ·41	22 ·14	5		Thur.	29	9 ·30	2 ·56	7
	Tues.	30	6 ·68	17 ·78	4		Sun.	30	8 ·31	23 ·07	6		Fri.	30	10 ·30	3 ·58	8
	Wed.	31	7 ·59	18 ·72	5		Mon.	31	9 ·22	24 ·01 / 25 ·96	7		Sat.	31	11 ·32	4 ·63	9

Śrīmukha. Karkaṭaka—Āḍi. Adhika Śrāvaṇa. Bahula. Śukla. H. 486 Jamāda'l ākhir.
Śrīmukha. Siṁha—Āvaṇi. Nija Śrāvaṇa. Bahula. Śukla. H. 486 Rajab.
Śrīmukha. Kanyā—Puraṭṭāśi. Bahula. Śukla. H. 486 Sha'bān.
Śrīmukha. Tulā—Aippaśi. Bahula. Śukla. H. 486 Ramaẓān.
Śrīmukha. Vṛiśchika—Kārttigai. Bahula. Śukla. H. 486 Shawwāl.
Śrīmukha. Dhanus—Mārgaḷi. Bahula. Śukla. H. 486 Zi-l-ka'da.
Śrīmukha. Makara—Tai. Bahula. Śukla. H. 486 Zi-l-ḥijja.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1094. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·06.** **Śaka 1016.** **Kaliyuga 4195.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·02.** **(S. Cycle) Bhāva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Sun. 1	12·37	5·70	10	8	Wed. 1	12·89	9·70	10	8	Mon. 1	13·19	15·76	12
10	Mon. 2	13·42	6·79	11	9	Thur. 2	13·97	10·81	11	9	Tues. 2	14·19	16·77	13
11	Tues. 3	14·49	7·89	12	10	Fri. 3	.. ..	11·91	12	10	Wed. 3	P ·16	17·76	14
12	Wed. 4	P ·58	... ...	13	11	Sat. 4	14·04	12·99	13	11	Thur. 4	1·12	18·73	15
13	Thur. 5	1·67	8·00	14	12	Sun. 5	P ·09	... ...	14	12	Fri. 5	2·06 / 3·97	19·70	16
14	Fri. 6	2·76	9·10	15	13	Mon. 6	1·13	13·05	15					
15	Sat. 7	3·83	10·20	16	14	Tues. 7	2·15	14·09	16	13	Sat. 6	4·88	20·65	17
16	Sun. 8	4·90	11·29	17	15	Wed. 8	3·14	15·12	17	14	Sun. 7	5·78	21·58	18
17	Mon. 9	5·93	12·37	18	16	Thur. 9	4·12	16·12	18	15	Mon. 8	6·68	22·52	19
18	Tues. 10	6·95	13·43	19	17	Fri. 10	5·07	17·11	19	16	Tues. 9	7·58	23·44	20
19	Wed. 11	7·95	14·46	20			6·01 / 7·93	18·07		17	Wed. 10	8·48	24·38	21
20	Thur. 12	8·94	15·47	21	18	Sat. 11			20	18	Thur. 11	9·38	25·32	22
21	Fri. 13	9·90	16·46	22				19·02		19	Fri. 12	10·29	26·26	23
22	Sat. 14	10·83	17·45	23	19	Sun. 12	8·85	20·97	21	20	Sat. 13	11·22	27·21	24
23	Sun. 15	11·76	18·41	24	20	Mon. 13	9·77	21·91	22	21	Sun. 14	12·16	1·18	25
24	Mon. 16	12·68	19·35	25	21	Tues. 14	10·65	22·84	23	22	Mon. 15	13·12	2·18	26
25	Tues. 17	13·60	20·29	26	22	Wed. 15	11·56	23·77	24	23	Tues. 16	14·08	3·18	27
26	Wed. 18	14·49	21·22	27	23	Thur. 16	12·46	24·70	25	24	Wed. 17	A ·08	4·20	28
27	Thur. 19	A ·39	22·16	28	24	Fri. 17	13·36	25·65	26	25	Thur. 18	1·09	5·24	29
28	Fri. 20	1·29	23·09	29	25	Sat. 18	14·27	26·59	27	26	Fri. 19	2·12	6·31	1
29	Sat. 21	2·20 / 24·02 / 25·97		1	26	Sun. ● 19	A ·20	27·55	28	27	Sat. 20	3·17	7·40	2
30	Sun. 22	3·12	26·92	2	27	Mon. 20	1·14	1·53	29	28	Sun. 21	4·24	8·50	3
1	Mon. 23	4·04 / 5·99	27·89	3	28	Tues. 21	2·10	2·52	1	29	Mon. 22	5·32	9·60	4
2	Tues. 24	6·95	1·88	4	29	Wed. 22	3·08	3·53	2	30	Tues. 23	6·41	10·71	5
3	Wed. 25	7·92	2·88	5	30	Thur. 23	4·07	4·57	3	31	Wed. 24	7·49	11·81	6
4	Thur. 26	8·92	3·90	6	1	Fri. 24	5·10	5·63	4	1	Thur. 25	8·57	12·91	7
5	Fri. 27	9·95	4·94	7	2	Sat. 25	6·13	6·70	5	2	Fri. 26	9·64	13·99	8
6	Sat. 28	10·99	... ...	8	3	Sun. 26	7·19	7·79	6	3	Sat. 27	10·67	... ...	9
7	Sun. 29	... ...	5·01	9	4	Mon. 27	8·26	8·89	7	4	Sun. 28	11·69	14·04	10
8	Mon. 30	11·04	6·09	10	5	Tues. 28	9·34	... ...	8	5	Mon. 29	12·68	15·08	11
9	Tues. 31	12·12	7·19	11	6	Wed. 29	10·43	9·01	9	6	Tues. 30	13·66	16·09	12
					7	Thur. 30	11·51	10·11	10	7	Wed. 31	14·62	17·09	13
	Feb.					**April.**					**June.**			
10	Wed. 1	13·20	8·29	12	9	Sat. 1	13·63	12·29	12	8	Thur. 1	P ·55	18·07	14
11	Thur. 2	14·30	9·40	13	10	Sun. 2	14·68	13·36	13	9	Fri. 2	1·48	19·03 / 20·98	15
12	Fri. 3	P ·39	10·50	14	11	Mon. 3	P ·69	14·42	14					
13	Sat. 4	1·45	11·60	15	12	Tues. 4	1·67	15·44	15	10	Sat. 3	2·39	21·92	16
14	Sun. 5	2·51	12·68	16	13	Wed. 5	2·65	16·45	16	11	Sun. 4	3·29	22·85	17
15	Mon. 6	3·55	13·74	17	14	Thur. 6	3·60	17·43	17	12	Mon. 5	4·19	23·79	18
16	Tues. 7	4·57	14·78	18	15	Fri. 7	4·55	18·40	18	13	Tues. 6	5·09 / 6·99	24·72	19
17	Wed. 8	5·56	15·79	19	16	Sat. 8	5·47	19·37	19					
18	Thur. 9	6·54	16·80	20	17	Sun. 9	6·39	20·31	20	14	Wed. 7	7·89	25·66	20
19	Fri. 10	7·49	17·78	21	18	Mon. 10	7·29	21·25	21	15	Thur. 8	8·80	26·60	21
20	Sat. 11	8·44	18·74	22	19	Tues. 11	8·19	22·18	22	16	Fri. 9	9·72	27·55	22
21	Sun. 12	9·37	19·69	23			9·09 / 10·99	23·11		17	Sat. 10	10·66	1·52	23
22	Mon. 13	10·29	20·63	24	20	Wed. 12			23	18	Sun. 11	11·61	2·50	24
23	Tues. 14	11·20	21·57	25				24·04		19	Mon. 12	12·58	3·50	25
24	Wed. 15	12·10	22·50	26	21	Thur. 13	11·89	25·98	24	20	Tues. 13	13·57	4·52	26
25	Thur. 16	13·00 / 14·89	23·43	27	22	Fri. 14	12·79	26·93	25	21	Wed. ℳ	14·58	5·55	27
					23	Sat. 15	13·72	27·88	26	22	Thur. 15	A ·62	6·62	28
26	Fri. 17	A ·79	24·36	28	24	Sun. 16	14·67	1·85	27	23	Fri. 16	1·66	7·70	29
27	Sat. 18	1·71	25·30	29	25	Mon. 17	A ·63	2·84	28	24	Sat. 17	2·74	8·80	30
28	Sun. 19	2·63	26·26	30	26	Tues. 18	1·60	3·86	29	25	Sun. 18	3·82	9·90	1
29	Mon. 20	3·58	27·22	1	27	Wed. 19	2·58	4·89	30	26	Mon. 19	4·90	... ...	2
30	Tues. 21	4·54	1·20	2	28	Thur. 20	3·60	5·94	1	27	Tues. 20	5·98	10·01	3
1	Wed. 22	5·53	2·20	3	29	Fri. 21	4·64	... ...	2	28	Wed. 21	... ...	11·11	4
2	Thur. 23	6·52	3·21	4	30	Sat. 22	5·70	6·00	3	29	Thur. 22	6·05	12·21	5
3	Fri. 24	7·55	4·25	5	31	Sun. 23	6·76	7·09	4	30	Fri. 23	7·12	13·29	6
4	Sat. 25	8·58	5·32	6	1	Mon. 24	7·85	8·20	5	31	Sat. 24	8·17	14·35	7
5	Sun. 26	9·63	6·40	7	2	Tues. 25	8·93	9·30	6	32	Sun. 25	9·16	15·39	8
6	Mon. 27	10·71	7·49	8	3	Wed. 26	... ...	10·41	7	1	Mon. 26	10·14	16·42	9
7	Tues. 28	11·80	8·59	9	4	Thur. 27	9·01	11·51	8	2	Tues. 27	11·09	17·42	10
					5	Fri. 28	10·09	12·60	9					
					6	Sat. 29	11·13	13·68	10	3	Wed. 28	12·03 / 13·96	18·40	11
					7	Sun. 30	12·17	14·73	11	4	Thur. 29	14·88	19·37	12
										5	Fri. 30	P ·78	20·32	13

Śrīmukha. **Makara—Tai.** *Bahula.* *Śaka* 486 *Śrāvaṇa.* *H.* 486 *Ẓi-l-ḥijja.*
Śrīmukha. **Kumbha—Māśi.** *Bahula.* *Śaka* 487 *Māgha.* *H.* 487 *Muharram.*
Śrīmukha. **Mīna—Pāṅguni.** *Sukla.* *Śaka* 487 *Phāl.* *H.* 487 *Śafar.*
Bhāva. **Mēsha—Chittirai.** *Sukla.* *Śaka* 487 *Chaitra.* *H.* 487 *Rabī-ul awwal.*
Bhāva. **Vṛishabha—Vaigāśi.** *Bahula.* *Śaka* 487 *Vaiśākha.* *H.* 487 *Rabī-ul ākhir.*
Bhāva. **Mithuna—Āni.** *Sukla.* *Śaka* 487 *Jyeshtha.* *H.* 487 *Jamādā'l awwal.*
Āshādha. *Bahula.* *Śaka* 487 *Āshādha.* *H.* 487 *Jamādā'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1094. **Kollam 270,** { **N. Malabar—Aug.** **Hijra 487.** **Vikrama 1151.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Jan. 21.** **Bengal San. 500.**
P—Paurnimā. **(N. Cycle) Īśvara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sat.	1	1 ·68	21 ·26	14	6	Fri.	1	4 ·17	2 ·48	17	6	Wed.	1	6 ·41	8 ·31	19
7	Sun.	2	2 ·58	22 ·20	15	7	Sat.	2	5 ·13	3 ·47	18	7	Thur.	2	7 ·49	9 ·40	20
8	Mon.	3	3 ·48	23 ·13	16	8	Sun.	3	6 ·10	4 ·48	19	8	Fri.	3	8 ·57	10 ·50	21
9	Tues.	4	4 ·38	24 ·06 / 25 ·99	17	9	Mon.	4	7 ·09	5 ·50	20	9	Sat.	4	9 ·65	11 ·61	22
10	Wed.	5	5 ·29	26 ·93	18	10	Tues.	5	8 ·10	6 ·55	21	10	Sun.	5	10 ·74	12 ·73	23
11	Thur.	6	6 ·21	27 ·89	19	11	Wed.	6	9 ·13	7 ·61	22	11	Mon.	6	11 ·81	13 ·82	24
12	Fri.	7	7 ·14	1 ·85	20	12	Thur.	7	10 ·19	8 ·70	23	12	Tues.	7	12 ·88	14 ·90	25
13	Sat.	8	8 ·09	2 ·83	21	13	Fri.	8	11 ·25	9 ·80	24	13	Wed.	8	13 ·93	15 ·97	26
14	Sun.	9	9 ·06	3 ·82	22	14	Sat.	9	12 ·33	10 ·91	25	14	Thur.	9	14 ·96	... ...	27
15	Mon.	10	10 ·05	4 ·83	23	15	Sun.	10	13 ·42	. ...	26	15	Fri.	10	—A ·95	16 ·01	28
16	Tues.	11	11 ·04	5 ·88	24	16	Mon.	11	14 ·51	11 ·02	27	16	Sat.	11	1 ·93	17 ·04	—29
17	Wed.	12	12 ·04	6 ·93	25	17	Tues.	12	—A ·60	12 ·12	28	17	Sun.	12	2 ·90	18 ·04	1
18	Thur.	13	13 ·08	... ...	26	18	Wed.	13	1 ·66	13 ·21	—29	18	Mon.	13	3 ·84	19 ·03 / 20 ·99	2
19	Fri.	14	14 ·12	7 ·01	27	19	Thur.	14	2 ·70	14 ·29	1	19	Tues.	14	4 ·77	21 ·95	3
20	Sat.	15	—A ·20	8 ·10	28	20	Fri.	15	3 ·73	15 ·34	2	20	Wed.	15	5 ·69	22 ·90	4
21	Sun.	16	1 ·28	9 ·20	—29	21	Sat.	16	4 ·73	16 ·38	3	21	Thur.	16	6 ·60	23 ·83	5
22	Mon.	17	2 ·37	10 ·31	1	22	Sun.	17	5 ·71	17 ·39	4	22	Fri.	17	7 ·50	24 ·76	6
23	Tues.	18	3 ·45	11 ·42	2	23	Mon.	18	6 ·66	18 ·38	5	23	Sat.	18	8 ·40	25 ·69	7
24	Wed.	19	4 ·52	12 ·52	3	24	Tues.	19	7 ·62	19 ·37	6	24	Sun.	19	9 ·31	26 ·62	8
25	Thur.	20	5 ·58	13 ·60	4	25	Wed.	20	8 ·54	20 ·33	7	25	Mon.	20	10 ·22	27 ·56	9
26	Fri.	21	6 ·62	14 ·66	5	26	Thur.	21	9 ·46	21 ·28	8	26	Tues.	21	11 ·14	1 ·52	10
27	Sat.	22	7 ·65	15 ·72	6	27	Fri.	22	10 ·36	22 ·22	9	27	Wed.	22	12 ·06	2 ·48	11
28	Sun.	23	8 ·64	16 ·74	7	28	Sat.	23	11 ·26	23 ·15	10						
29	Mon.	24	9 ·62	17 ·75	8	29	Sun.	24	12 ·16	24 ·09	11	28	Thur.	23	13 ·00 / 14 ·96	3 ·45	12
30	Tues.	25	10 ·57	18 ·73	9	30	Mon.	25	13 ·07 / 14 ·98	25 ·02 / 26 ·95	12	—29	Fri.	24	P ·95	4 ·44	13
—31	Wed.	26	11 ·51	19 ·70	10	—31	Tues.	26	P ·89	27 ·89	13	1	Sat.	25	1 ·94	5 ·45	14
1	Thur.	27	12 ·45	20 ·65	11	1	Wed.	27	1 ·82	1 ·84	14	2	Sun.	26	2 ·95	6 ·49	15
2	Fri.	28	13 ·36	21 ·61	12	2	Thur.	28	2 ·75	2 ·82	15	3	Mon.	27	... ...	7 ·54	16
3	Sat.	29	14 ·26	22 ·54	13	3	Fri.	29	3 ·71	3 ·80	16	4	Tues.	28	3 ·00	8 ·61	17
4	Sun.	30	P ·16	23 ·47	14	4	Sat.	30	4 ·68	4 ·80	17	5	Wed.	29	4 ·06	9 ·70	18
5	Mon.	31	1 ·06 / 2 ·96	24 ·40	15							6	Thur.	30	5 ·14	10 ·80	19
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	3 ·87	25 ·33	16	5	Sun.	1	5 ·68	5 ·82	18	7	Fri.	1	6 ·22	11 ·92	20
7	Wed.	2	4 ·78	26 ·28	17	6	Mon.	2	6 ·69	6 ·86	19	8	Sat.	2	7 ·32	... ...	21
8	Thur.	3	5 ·69	27 ·22	18	7	Tues.	3	7 ·72	7 ·92	20	9	Sun.	3	8 ·39	12 ·02	22
9	Fri.	4	6 ·63	1 ·18	19	8	Wed.	4	8 ·79	... ...	21	10	Mon.	4	9 ·46	13 ·12	23
10	Sat.	5	7 ·58	2 ·15	20	9	Thur.	5	9 ·86	8 ·01	22	11	Tues.	5	10 ·53	14 ·21	24
11	Sun.	6	8 ·56	3 ·14	21	10	Fri.	6	10 ·94	9 ·10	23	12	Wed.	6	11 ·57	15 ·28	25
12	Mon.	7	9 ·55	4 ·16	22	11	Sat.	7	... ...	10 ·21	24	13	Thur.	7	12 ·58	16 ·33	26
13	Tues.	8	10 ·56	5 ·19	23	12	Sun.	8	11 ·02	11 ·31	25	14	Fri.	8	13 ·59	17 ·36	27
14	Wed.	9	11 ·59	6 ·24	24	13	Mon.	9	12 ·11	12 ·42	26	15	Sat.	9	14 ·58	18 ·37	28
15	Thur.	10	12 ·64	7 ·31	25	14	Tues.	10	13 ·19	13 ·52	27	16	Sun.	10	—A ·54	19 ·36	29
16	Fri.	11	13 ·70	8 ·40	26	15	Wed.	11	14 ·26	14 ·60	28	17	Mon.	11	1 ·48	20 ·33	—30
17	Sat.	12	14 ·78	9 ·51	27	16	Thur.	12	—A ·30	15 ·66	29	18	Tues.	12	2 ·41	21 ·28	1
18	Sun.	13	—A ·88	10 ·61	28	17	Fri.	13	1 ·33	16 ·69	—30	19	Wed.	13	3 ·33	22 ·24	2
19	Mon.	14	1 ·96	11 ·72	29	18	Sat.	14	2 ·33	17 ·71	1	20	Thur.	14	4 ·24	23 ·17	3
20	Tues.	15	... ...	12 ·82	—30	19	Sun.	15	3 ·31	18 ·72	2	21	Fri.	15	5 ·15	24 ·10	4
21	Wed.	16	2 ·04	13 ·90	1	20	Mon.	16	4 ·27	19 ·70	3	22	Sat.	16	6 ·05 / 7 ·95	25 ·03 / 26 ·96	5
22	Thur.	17	3 ·10	14 ·97	2	21	Tues.	17	5 ·22	20 ·66	4						
23	Fri.	18	4 ·14	... ...	3	22	Wed.	18	6 ·15	21 ·61	5	23	Sun.	17	8 ·86	27 ·91	6
24	Sat.	19	5 ·17	15 ·03	4	23	Thur.	19	7 ·06 / 8 ·97	22 ·55	6	24	Mon.	18	9 ·78	1 ·85	7
25	Sun.	20	6 ·16	16 ·06	5							25	Tues.	19	10 ·70	2 ·81	8
26	Mon.	21	7 ·15	17 ·07	6	24	Fri.	20	9 ·88	23 ·50	7	26	Wed.	20	11 ·64	3 ·78	9
27	Tues.	22	8 ·11	18 ·06	7	25	Sat.	21	10 ·78	24 ·42	8	27	Thur.	21	12 ·60	4 ·76	10
28	Wed.	23	9 ·06 / 10 ·98	19 ·03	8	26	Sun.	22	11 ·68	25 ·35	9	28	Fri.	22	13 ·59	5 ·78	11
						27	Mon.	23	12 ·59	26 ·29	10	29	Sat.	23	14 ·58	6 ·80	12
29	Thur.	24	11 ·89	20 ·00 / 21 ·94	9	28	Tues.	24	13 ·51	27 ·23	11	—30	Sun.	24	P ·61	7 ·85	13
30	Fri.	25	12 ·79	22 ·88	10	29	Wed.	25	14 ·43	1 ·17	12	1	Mon.	25	1 ·65	8 ·92	14
—31	Sat.	26	13 ·69	23 ·81	11	—30	Thur.	26	P ·35	2 ·15	13	2	Tues.	26	2 ·71	... ...	15
1	Sun.	27	14 ·59	24 ·74	12	1	Fri.	27	1 ·32	3 ·12	14	3	Wed.	27	3 ·79	9 ·00	16
2	Mon.	28	P ·49	25 ·68	13	2	Sat.	28	2 ·30	4 ·12	15	4	Thur.	28	4 ·87	10 ·11	17
3	Tues.	29	1 ·40	26 ·61	14	3	Sun.	29	3 ·30	5 ·13	16	5	Fri.	29	5 ·96	11 ·22	18
4	Wed.	30	2 ·31	27 ·56	15	4	Mon.	30	4 ·31	6 ·17	17	6	Sat.	30	... ...	12 ·32	19
5	Thur.	31	3 ·24	1 ·51	16	5	Tues.	31	5 ·34	7 ·24	18	7	Sun.	31	6 ·05	13 ·42	20

Bhāva. Karkataka—Ādi. Bahula. Āshāḍha. Śrāvaṇa. Sukla. P
Bhāva. Siṁha—Āvaṇi. Bahula. Bhādrapada. Sukla.
Bhāva. Kanyā—Puraṭṭāśi. Bahula. Bhād. Āśvina. Sukla. P
Bhāva. Tulā—Aippaśi. Bahula. Kārttika. Sukla. P
Bhāva. Vṛiśchika—Kārttigai. Bahula. Kārt. Mārgaśirsha. Sukla. P
Bhāva. Dhanus—Mārgali. Bahula. Pausha. Sukla. P

H. 487 Jamāda'l ākhir. H. 487 Rajab. H. 487 Śha'bān. H. 487 Śha'bān. H. 487 Ramazān. H. 487 Shawwāl. H. 487 Shawwāl. H. 487 Zi-l-ka'da. H. 487 Zi-l-ḥijja.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1095. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·32.** **Śaka 1017.** **Kaliyuga 4196.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·28.** **(S. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Mon.	1	7 ·13	14 ·51	21	8	Thur.	1	7 ·45	18 ·33	20	8	Tues.	1	9 ·10	25 ·73	22
9	Tues.	2	8 ·19	15 ·59	22	9	Fri.	2	8 ·43	19 ·34	21	9	Wed.	2	10 ·00	26 ·66	23
10	Wed.	3	9 ·22	16 ·65	23	10	Sat.	3	9 ·38	20 ·32	22				11 ·90		
11	Thur.	4	10 ·24	17 ·68	24	11	Sun.	4	10 ·32	21 ·29	23	10	Thur.	3	12 ·80	27 ·59	24
12	Fri.	5	11 ·24	18 ·69	25	12	Mon.	5	11 ·24	22 ·24	24	11	Fri.	4	13 ·70	1 ·54	25
13	Sat.	6	12 ·23	19 ·68	26	13	Tues.	6	12 ·16	23 ·18	25	12	Sat.	5	14 ·61	2 ·48	26
14	Sun.	7	13 ·18	20 ·66	27	14	Wed.	7	13 ·06	24 ·13	26	13	Sun.	6	—A ·54	3 ·43	27
15	Mon.	8	14 ·12	21 ·63	28				14 ·96			14	Mon.	7	1 ·48	4 ·40	28
16	Tues.	9	A ·05	22 ·57	29	15	Thur.	8	—A ·86	25 ·06	27	15	Tues.	8	2 ·43	5 ·39	—29
			1 ·96							26 ·99		16	Wed.	9	3 ·41	6 ·40	1
17	Wed.	10	2 ·87	23 ·51	—30	16	Fri.	9	1 ·77	27 ·92	28	17	Thur.	10	4 ·40	7 ·42	2
18	Thur.	11	3 ·77	24 ·44	1	17	Sat.	10	2 ·68	1 ·86	—29	18	Fri.	11	5 ·42	8 ·46	3
19	Fri.	12	4 ·67	25 ·37	2	18	Sun.	11	3 ·59	2 ·81	1	19	Sat.	12	6 ·45	9 ·53	4
20	Sat.	13	5 ·58	26 ·31	3	19	Mon.	12	4 ·51	3 ·77	2	20	Sun.	13	7 ·50	10 ·61	5
21	Sun.	14	6 ·49	27 ·24	4	20	Tues.	13	5 ·44	4 ·75	3	21	Mon.	14	8 ·58	11 ·71	6
22	Mon.	15	7 ·40	1 ·19	5	21	Wed.	14	6 ·41	5 ·74	4	22	Tues.	15	9 ·67	12 ·82	7
23	Tues.	16	8 ·33	2 ·14	6	22	Thur.	15	7 ·38	6 ·75	5	23	Wed.	16	10 ·75	13 ·93	8
24	Wed.	17	9 ·28	3 ·10	7	23	Fri.	16	8 ·38	7 ·78	6	24	Thur.	17	11 ·82	... ...	9
25	Thur.	18	10 ·24	4 ·10	8	24	Sat.	17	9 ·40	8 ·85	7	25	Fri.	18	12 ·89	14 ·03	10
26	Fri.	19	11 ·22	5 ·10	9	25	Sun.	18	10 ·45	9 ·92	8	26	Sat.	19	13 ·94	15 ·12	11
27	Sat.	20	12 ·21	6 ·12	10	26	Mon.	19	11 ·50	... ...	9	27	Sun.	20	14 ·98	16 ·21	12
28	Sun.	21	13 ·25	7 ·16	11	27	Tues.	20	12 ·58	10 ·01	10	28	Mon.	21	... ...	17 ·26	13
—29	Mon.	22	14 ·29	8 ·22	12	28	Wed.	21	13 ·67	11 ·11	11				P ·00		
1	Tues.	23	P ·35	9 ·31	13	29	Thur.	22	14 ·75	12 ·22	12	29	Tues.	22	1 ·99	18 ·30	14
2	Wed.	24	1 ·42	10 ·41	14	—30	Fri.	23	P ·83	13 ·33	13	30	Wed.	23	2 ·97	19 ·31	15
3	Thur.	25	2 ·51	11 ·51	15	1	Sat.	24	1 ·90	14 ·43	14	31	Thur.	24	3 ·92	20 ·31	16
4	Fri.	26	3 ·59	12 ·62	16	2	Sun.	25	2 ·96	15 ·51	15	—32	Fri.	25	4 ·86	21 ·28	17
5	Sat.	27	4 ·68	13 ·72	17	3	Mon.	26	... ...	16 ·58	16	1	Sat.	26	5 ·78	22 ·25	18
6	Sun.	28	5 ·75	14 ·82	18	4	Tues.	27	3 ·00	17 ·63	17	2	Sun.	27	6 ·69	23 ·20	19
7	Mon.	29	6 ·81	15 ·90	19	5	Wed.	28	4 ·00	18 ·66	18	3	Mon.	28	7 ·60	24 ·14	20
8	Tues.	30	7 ·85	16 ·96	20				5 ·99			4	Tues.	29	8 ·49	25 ·07	21
9	Wed.	31	8 ·86	... ...	21	6	Thur.	29	6 ·97	19 ·67	19	5	Wed.	30	9 ·39	26 ·00	22
						7	Fri.	30	7 ·92	20 ·65	20					27 ·94	
	Feb.					8	Sat.	31	8 ·86	21 ·62	21	6	Thur.	31	10 ·29	1 ·87	23
							April.						**June.**				
10	Thur.	1	9 ·86	17 ·00	22	9	Sun.	1	9 ·79	22 ·58	22	7	Fri.	1	11 ·19	2 ·82	24
11	Fri.	2	10 ·84	18 ·01	23	10	Mon.	2	10 ·70	23 ·53	23	8	Sat.	2	12 ·10	3 ·77	25
12	Sat.	3	11 ·79	19 ·01	24	11	Tues.	3	11 ·60	24 ·47	24	9	Sun.	3	13 ·03	4 ·73	26
13	Sun.	4	12 ·74	20 ·00	25	12	Wed.	4	12 ·49	25 ·40	25				14 ·96		
				21 ·96		13	Thur.	5	13 ·39	26 ·33	26	10	Mon.	4	—A ·91	5 ·72	27
14	Mon.	5	13 ·66	22 ·91	26	14	Fri.	6	14 ·29	27 ·26	27	11	Tues.	5	1 ·89	6 ·72	28
15	Tues.	6	14 ·58	23 ·85	27	15	Sat.	7	—A ·20	1 ·19	28	12	Wed.	6	2 ·88	7 ·74	29
16	Wed.	7	—A ·48	24 ·78	28	16	Sun.	8	1 ·12	2 ·15	29	13	Thur.	7	3 ·90	8 ·78	—30
17	Thur.	8	1 ·38	25 ·72	29	17	Mon.	9	2 ·04	3 ·10	—30	14	Fri.	8	4 ·93	9 ·83	1
18	Fri.	9	2 ·28	26 ·65	—30				3 ·98			15	Sat.	9	5 ·99	10 ·92	2
19	Sat.	10	3 ·18	27 ·58	1	18	Tues.	10	4 ·94	4 ·07	1	16	Sun.	10	... ...	... ...	3
20	Sun.	11	4 ·09	1 ·52	2	19	Wed.	11	5 ·91	5 ·06	2	17	Mon.	11	6 ·06	11 ·02	4
21	Mon.	12	5 ·01	2 ·47	3	20	Thur.	12	6 ·91	6 ·07	3	18	Tues.	12	7 ·13	12 ·12	5
			6 ·94			21	Fri.	13	7 ·93	7 ·11	4	19	Wed.	13	8 ·22	13 ·23	6
22	Tues.	13	7 ·88	3 ·44	4	22	Sat.	14	8 ·97	8 ·16	5	20	Thur.	14	9 ·31	14 ·33	7
23	Wed.	14	8 ·85	4 ·42	5	23	Sun.	15	... ...	9 ·22	6	21	Fri.	15	10 ·37	15 ·43	8
24	Thur.	15	9 ·82	5 ·42	6	24	Mon.	16	9 ·02	10 ·31	7	22	Sat.	16	11 ·42	16 ·51	9
25	Fri.	16	10 ·82	6 ·43	7	25	Tues.	17	10 ·10	11 ·41	8	23	Sun.	17	12 ·47	17 ·58	10
26	Sat.	17	11 ·84	7 ·47	8	26	Wed.	18	11 ·18	12 ·52	9	24	Mon.	18	13 ·48	18 ·61	11
27	Sun.	18	12 ·88	8 ·54	9	27	Thur.	19	12 ·26	13 ·63	10	25	Tues.	19	14 ·47	19 ·63	12
28	Mon.	19	13 ·94	9 ·62	10	28	Fri.	20	13 ·34	14 ·73	11	26	Wed.	20	P ·45	20 ·63	13
29	Tues.	20	... ...	10 ·71	11	29	Sat.	21	14 ·41	15 ·82	12	27	Thur.	21	1 ·40	21 ·62	14
—30	Wed.	21	14 ·02	11 ·81	12	30	Sun.	22	P ·47	16 ·89	13	28	Fri.	22	2 ·33	22 ·56	15
1	Thur. ○	22	P ·11	12 ·92	13	—31	Mon.	23	1 ·50	17 ·95	14	29	Sat.	23	3 ·25	23 ·54	16
2	Fri.	23	1 ·20	... ...	14	1	Tues.	24	2 ·51	18 ·98	15	30	Sun.	24	4 ·17	24 ·48	17
3	Sat.	24	2 ·29	13 ·02	15	2	Wed.	25	3 ·50	19 ·99	16				5 ·08		
4	Sun.	25	3 ·36	14 ·13	16	3	Thur.	26	4 ·49	20 ·98	17	—31	Mon.	25	6 ·98	25 ·41	18
5	Mon.	26	4 ·41	15 ·21	17	4	Fri.	27	5 ·44	21 ·95	18	1	Tues.	26	7 ·88	26 ·35	19
6	Tues.	27	5 ·45	16 ·27	18	5	Sat.	28	6 ·36	22 ·92	19	2	Wed.	27	8 ·78	27 ·28	20
7	Wed.	28	6 ·45	17 ·31	19	6	Sun.	29	7 ·28	23 ·87	20	3	Thur.	28	9 ·68	1 ·21	21
						7	Mon.	30	8 ·20	24 ·80	21	4	Fri.	29	10 ·58	2 ·15	22
												5	Sat.	30	11 ·51	3 ·10	23

Naksh —1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1095. **Kollam 271,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra** { **488, Jan. 11.** / **489, Dec. 31.** **Vikrama 1152.** **Bengal San. 501.** **(N. Cycle) Bahudhānya.**

A—Amāvāsyā. Commences

P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	12 ·44	4 ·07	24	5	Sat. 1	—**A** ·57	... ...	27	6	Thur. 1	1 ·16	17 ·12	—29
7	Mon. 2	13 ·39	5 ·04	25	6	Sun. 2	1 ·65	12 ·01	28	7	Fri. 2	2 ·21	18 ·19	1
8	Tues. 3	14 ·37	6 ·04	26	7	Mon. 3	2 ·73	13 ·13	—29	8	Sat. 3	3 ·24	19 ·23	2
9	Wed. 4	—**A** ·36	7 ·05	27	8	Tues. 4	3 ·82	14 ·24	1	9	Sun. 4	4 ·23	20 ·25	3
10	Thur. 5	1 ·37	8 ·09	28	9	Wed. 5	4 ·89	15 ·34	2	10	Mon. 5	5 ·22	21 ·25	4
11	Fri. 6	2 ·40	9 ·15	—29	10	Thur. 6	5 ·96	16 ·43	3	11	Tues. 6	6 ·18	22 ·25	5
12	Sat. 7	3 ·46	10 ·23	1	11	Fri. 7	... ...	17 ·50	4	12	Wed. 7	7 ·12	23 ·21	6
13	Sun. 8	4 ·53	11 ·32	2	12	Sat. 8	6 ·00	18 ·56	5	13	Thur. 8	8 ·05	24 ·17	7
14	Mon. 9	5 ·61	12 ·42	3	13	Sun. 9	7 ·02	19 ·60	6			9 ·98		
15	Tues. 10	6 ·69	13 ·52	4	14	Mon. 10	8 ·02	20 ·61	7	14	Fri. 9	10 ·88	25 ·11	8
16	Wed. 11	7 ·78	14 ·63	5	15	Tues. 11	9 ·00	21 ·60	8	15	Sat. 10	11 ·78	26 ·04	9
17	Thur. 12	8 ·85	15 ·74	6			10 ·97						27 ·98	
18	Fri. 13	9 ·90	16 ·82	7	16	Wed. 12	11 ·91	22 ·58	9	16	Sun. 11	12 ·68	1 ·91	10
19	Sat. 14	10 ·94	17 ·88	8	17	Thur. 13	12 ·84	23 ·55	10	17	Mon. 12	13 ·58	2 ·84	11
20	Sun. 15	11 ·96	18 ·93	9	18	Fri. 14	13 ·75	24 ·50	11	18	Tues. 13	14 ·49	3 ·78	12
21	Mon. 16	12 ·96	19 ·95	10	19	Sat. 15	14 ·66	25 ·43	12	19	Wed. 14	**P** ·40	4 ·73	13
22	Tues. 17	13 ·94	20 ·97	11	20	Sun. 16	**P** ·56	26 ·37	13	20	Thur. 15	1 ·34	5 ·70	14
23	Wed. 18	14 ·89	21 ·95	12	21	Mon. 17	1 ·46	27 ·30	14	21	Fri. 16	2 ·28	6 ·67	15
24	Thur. 19	**P** ·83	22 ·92	13	22	Tues. 18	2 ·36	1 ·24	15	22	Sat. 17	3 ·24	7 ·66	16
25	Fri. 20	1 ·75	23 ·87	14	23	Wed. 19	3 ·26	2 ·17	16	23	Sun. 18	4 ·23	8 ·67	17
26	Sat. 21	2 ·67	24 ·81	15	24	Thur. 20	4 ·18	3 ·11	17	24	Mon. 19	5 ·22	9 ·70	18
27	Sun. 22	3 ·57	25 ·76	16	25	Fri. 21	5 ·10	4 ·06	18	25	Tues. 20	6 ·25	10 ·76	19
28	Mon. 23	4 ·47	26 ·69	17	26	Sat. 22	6 ·04	5 ·03	19	26	Wed. 21	7 ·29	11 ·84	20
29	Tues. 24	5 ·37	27 ·62	18			7 ·99			27	Thur. 22	8 ·35	12 ·92	21
30	Wed. 25	6 ·27	1 ·55	19	27	Sun. 23	8 ·98	6 ·01	20	28	Fri. 23	9 ·42	... ...	22
31	Thur. 26	7 ·17	2 ·49	20	28	Mon. 24	9 ·98	7 ·02	21	29	Sat. 24	10 ·52	13 ·02	23
—32	Fri. 27	8 ·08	3 ·44	21	29	Tues. 25	10 ·99	8 ·04	22	—30	Sun. 25	11 ·61	14 ·13	24
		9 ·01			—30	Wed. 26	... ...	9 ·08	23	1	Mon. 26	12 ·68	15 ·25	25
1	Sat. 28	10 ·94	4 ·40	22	1	Thur. 27	11 ·03	10 ·14	24	2	Tues. 27	13 ·75	16 ·34	26
2	Sun. 29	11 ·89	5 ·37	23	2	Fri. 28	12 ·08	11 ·22	25	3	Wed. 28	14 ·82	17 ·43	27
3	Mon. 30	12 ·87	6 ·36	24	3	Sat. 29	13 ·15	12 ·32	26	4	Thur. 29	—**A** ·87	18 ·50	28
4	Tues. 31	13 ·87	7 ·37	25	4	Sun. 30	14 ·23	13 ·43	27	5	Fri. 30	1 ·88	19 ·54	29
	Aug.					**Oct.**					**Dec.**			
5	Wed. 1	14 ·87	8 ·41	26	5	Mon. 1	—**A** ·32	14 ·58	28	6	Sat. 1	2 ·89	20 ·57	—30
6	Thur. 2	—**A** ·91	9 ·46	27	6	Tues. 2	1 ·41	15 ·64	29	7	Sun. 2	3 ·86	21 ·59	1
7	Fri. 3	1 ·96	10 ·53	28	7	Wed. 3	2 ·50	16 ·73	—30	8	Mon. 3	4 ·82	22 ·58	2
8	Sat. 4	... ...	11 ·62	29	8	Thur. 4	3 ·55	17 ·82	1	9	Tues. 4	5 ·77	23 ·55	3
9	Sun. 5	2 ·02	12 ·72	—30	9	Fri. 5	4 ·59	18 ·88	2	10	Wed. 5	6 ·69	24 ·50	4
10	Mon. 6	3 ·11	13 ·82	1	10	Sat. 6	5 ·63	19 ·91	3	11	Thur. 6	7 ·61	25 ·45	5
11	Tues. 7	4 ·20	14 ·94	2	11	Sun. 7	6 ·61	20 ·93	4	12	Fri. 7	8 ·52	26 ·39	6
12	Wed. 8	5 ·28	...	3	12	Mon. 8	7 ·59	21 ·93	5	13	Sat. 8	9 ·42	27 ·32	7
13	Thur. 9	6 ·36	15 ·04	4	13	Tues. 9	8 ·56	22 ·92	6	14	Sun. 9	10 ·32	1 ·25	8
14	Fri. 10	7 ·42	16 ·12	5	14	Wed. 10	9 ·51	23 ·88	7	15	Mon. 10	11 ·23	2 ·18	9
15	Sat. 11	8 ·46	17 ·19	6	15	Thur. 11	10 ·43	24 ·83	8	16	Tues. 11	12 ·14	3 ·12	10
16	Sun. 12	9 ·47	18 ·24	7	16	Fri. 12	11 ·34	25 ·77	9	17	Wed. 12	13 ·05	4 ·07	11
17	Mon. 13	10 ·47	19 ·28	8	17	Sat. 13	12 ·25	26 ·71	10			14 ·98		
18	Tues. 14	11 ·45	20 ·29	9	18	Sun. 14	13 ·15	27 ·63	11	18	Thur. 13	**P** ·92	5 ·03	12
19	Wed. 15	12 ·41	21 ·28	10	19	Mon. 15	14 ·05	1 ·57	12	19	Fri. 14	1 ·89	6 ·00	13
20	Thur. 16	13 ·35	22 ·25	11			**P** ·96						7 ·98	
21	Fri. 17	14 ·28	23 ·21	12	20	Tues. 16	1 ·87	2 ·51	13	20	Sat. 15	2 ·87	8 ·99	14
22	Sat. ○ 18	**P** ·19	24 ·16	13	21	Wed. 17	2 ·78	3 ·45	14	21	Sun. 16	3 ·87	... ...	15
23	Sun. 19	1 ·10	25 ·10	14	22	Thur. 18	3 ·70	4 ·39	15	22	Mon. 17	4 ·89	9 ·03	16
24	Mon. 20	2 ·00	26 ·03	15	23	Fri. 19	4 ·65	5 ·36	16	23	Tues. 18	5 ·93	10 ·07	17
		3 ·90	27 ·96		24	Sat. 20	5 ·60	6 ·34	17	24	Wed. 19	... ...	11 ·14	18
25	Tues. 21	4 ·80	1 ·89	16	25	Sun. 21	6 ·59	7 ·34	18	25	Thur. 20	6 ·00	12 ·22	19
26	Wed. 22	5 ·70	2 ·83	17	26	Mon. 22	7 ·58	8 ·35	19	26	Fri. 21	7 ·08	13 ·32	20
27	Thur. 23	6 ·61	3 ·78	18	27	Tues. 23	8 ·61	9 ·39	20	27	Sat. 22	8 ·17	14 ·43	21
28	Fri. 24	7 ·54	4 ·73	19	28	Wed. 24	9 ·64	10 ·45	21	28	Sun. 23	9 ·26	15 ·54	22
29	Sat. 25	8 ·48	5 ·70	20	29	Thur. 25	10 ·70	11 ·53	22	—29	Mon. 24	10 ·34	16 ·64	23
30	Sun. 26	9 ·42	6 ·68	21	—30	Fri. 26	11 ·77	12 ·62	23	1	Tues. 25	11 ·42	17 ·73	24
—31	Mon. 27	10 ·40	7 ·69	22	1	Sat. 27	12 ·86	13 ·73	24	2	Wed. 26	12 ·47	18 ·80	25
1	Tues. 28	11 ·40	8 ·72	23	2	Sun. 28	13 ·95	14 ·83	25	3	Thur. 27	13 ·51	19 ·86	26
2	Wed. 29	12 ·41	9 ·77	24	3	Mon. 29	... ...	15 ·94	26	4	Fri. 28	14 ·52	20 ·90	27
3	Thur. 30	13 ·45	10 ·83	25	4	Tues. 30	14 ·03	... ...	27	5	Sat. 29	—**A** ·53	21 ·91	28
4	Fri. 31	14 ·50	11 ·92	26	5	Wed. 31	—**A** ·11	16 ·04	28	6	Sun. 30	1 ·50	22 ·90	—29
										7	Mon. 31	2 ·47	23 ·88	1

Yuva. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* *H. 488 Rajab.*

Yuva. **Siṁha—Avani.** *Sukla.* **Bhādrapada.** *Bahula.* *H. 488 Śha'bā.*

Yuva. **Kanyā—Purattāsi.** *Sukla.* **Āśvina.** *Bahula.* *H. 488 Ramadn.*

Yuva. **Tulā—Aippasi.** *Sukla.* **Kārttika.** *Bahula.* *H. 488 Shawwāl.*

Yuva. **Vṛśchika—Karttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H. 488 Zi-l-ka'da.*

Yuva. **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H. 488 Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1096. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·58.** **Śaka 1018.** **Kaliyuga 4197.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·54.** **(S. Cycle) Dhātri.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Tues. 1	3 ·41	24 ·83	2	9	Sat. 1	4 ·15	2 ·21	3		Thur. 1	7 ·74	9 ·61	5
9	Wed. 2	4 ·33	25 ·79	3			5 ·06			10	Fri. 2	8 ·73	10 ·64	6
10	Thur. 3	5 ·24	26 ·73	4	10	Sun. 2	6 ·97	3 ·14	4	11	Sat. 3	9 ·75	11 ·68	7
11	Fri. 4	6 ·15	27 ·66	5	11	Mon. 3	7 ·88	4 ·08	5	12	Sun. 4	10 ·79	12 ·75	8
		7 ·06						5 ·02		13	Mon. 5	11 ·85	13 ·83	9
12	Sat. 5	8 ·96	1 ·59	6	12	Tues. 4	8 ·80	6 ·98	6	14	Tues. 6	12 ·92	14 ·93	10
13	Sun. 6	9 ·86	2 ·52	7	13	Wed. 5	9 ·75	7 ·97	7	15	Wed. 7	... ...	... ...	11
14	Mon. 7	10 ·76	3 ·46	8	14	Thur. 6	10 ·71	8 ·96	8	16	Thur. 8	13 ·00	15 ·04	12
15	Tues. 8	11 ·68	4 ·41	9	15	Fri. 7	11 ·70	9 ·97	9	17	Fri. 9	14 ·09	16 ·15	13
16	Wed. 9	12 ·61	5 ·36	10	16	Sat. 8	12 ·70	... ...	10	18	Sat. 10	ℙ ·17	17 ·25	14
17	Thur. 10	13 ·56	6 ·32	11	17	Sun. 9	13 ·73	10 ·00	11	19	Sun. 11	1 ·24	18 ·34	15
18	Fri. 11	14 ·52	7 ·31	12	18	Mon. 10	14 ·76	11 ·06	12	20	Mon. 12	2 ·28	19 ·42	16
19	Sat. 12	ℙ ·51	8 ·32	13	19	Tues. 11	ℙ ·82	12 ·14	13	21	Tues. 13	3 ·31	20 ·47	17
20	Sun. 13	1 ·51	9 ·34	14	20	Wed. 12	1 ·91	13 ·23	14	22	Wed. 14	4 ·32	21 ·52	18
21	Mon. 14	2 ·54	10 ·38	15	21	Thur. 13	2 ·99	14 ·33	15	23	Thur. 15	5 ·32	22 ·53	19
22	Tues. 15	3 ·58	11 ·44	16	22	Fri. 14	... ...	15 ·44	16	24	Fri. 16	6 ·30	23 ·53	20
23	Wed. 16	4 ·65	12 ·53	17	23	Sat. 15	3 ·07	16 ·54	17	25	Sat. 17	7 ·25	24 ·50	21
24	Thur. 17	5 ·73	13 ·62	18	24	Sun. 16	4 ·15	17 ·65	18	26	Sun. 18	8 ·18	25 ·46	22
25	Fri. 18	6 ·81	14 ·74	19	25	Mon. 17	5 ·21	18 ·73	19	27	Mon. 19	9 ·11	26 ·42	23
26	Sat. 19	7 ·89	15 ·84	20	26	Tues. 18	6 ·27	19 ·80	20			10 ·01		
27	Sun. 20	8 ·97	16 ·94	21	27	Wed. 19	7 ·31	20 ·85	21	28	Tues. 20	11 ·91	27 ·36	24
28	Mon. 21	... ...	... ...	22	28	Thur. 20	8 ·31	21 ·87	22	29	Wed. 21	12 ·81	1 ·29	25
—29	Tues. 22	9 ·05	17 ·04	23	29	Fri. 21	9 ·30	22 ·89	23	30	Thur. 22	13 ·71	2 ·22	26
1	Wed. 23	10 ·12	18 ·11	24	30	Sat. 22	10 ·28	23 ·87	24	31	Fri. 23	14 ·61	3 ·15	27
2	Thur. 24	11 ·15	19 ·18	25	—31	Sun. 23	11 ·23	24 ·84	25	—32	Sat. 24	A ·51	4 ·09	28
3	Fri. 25	12 ·16	20 ·22	26	1	Mon. 24	12 ·17	25 ·80	26				5 ·03	
4	Sat. 26	13 ·15	21 ·23	27	2	Tues. 25	13 ·09	26 ·74	27	1	Sun. 25	1 ·42	6 ·99	29
5	Sun. 27	14 ·12	22 ·28	28			14 ·00			2	Mon. 26	2 ·34	7 ·95	—30
6	Mon. 28	A ·09	23 ·21	29	3	Wed. 26	A ·90	27 ·68	28	3	Tues. 27	3 ·28	8 ·93	1
		1 ·02			4	Thur. 27	1 ·80	1 ·62	29	4	Wed. 28	4 ·24	9 ·94	2
7	Tues. 29	2 ·95	24 ·18	—30	5	Fri. 28	2 ·70	2 ·54	—30	5	Thur. 29	5 ·21	10 ·96	3
8	Wed. 30	3 ·86	25 ·13	1	6	Sat. 29	3 ·60	3 ·48	1	6	Fri. 30	6 ·21	... ...	4
9	Thur. 31	4 ·77	26 ·07	2	7	Sun. 30	4 ·51	4 ·41	2	7	Sat. 31	7 ·23	11 ·00	5
	Feb.				8	Mon. 31	5 ·42	5 ·36	3					
						April.					**June.**			
10	Fri. 1	5 ·68	27 ·00	3	9	Tues. 1	6 ·35	6 ·32	4	8	Sun. 1	8 ·26	12 ·06	6
			1 ·93		10	Wed. 2	7 ·29	7 ·29	5	9	Mon. 2	9 ·32	13 ·13	7
11	Sat. 2	6 ·58	2 ·87	4	11	Thur. 3	8 ·24	8 ·28	6	10	Tues. 3	10 ·39	14 ·23	8
12	Sun. 3	7 ·48	3 ·80	5	12	Fri. 4	9 ·23	9 ·29	7	11	Wed. 4	11 ·48	15 ·34	9
13	Mon. 4	8 ·38	4 ·74	6	13	Sat. 5	10 ·22	10 ·32	8	12	Thur. 5	12 ·56	16 ·45	10
14	Tues. 5	9 ·30	5 ·69	7	14	Sun. 6	11 ·25	11 ·38	9	13	Fri. 6	13 ·64	17 ·55	11
15	Wed. 6	10 ·22	6 ·65	8	15	Mon. 7	12 ·29	12 ·44	10	14	Sat. 7	14 ·71	18 ·64	12
16	Thur. 7	11 ·17	7 ·63	9	16	Tues. 8	13 ·36	13 ·53	11	15	Sun. 8	ℙ ·76	19 ·72	13
17	Fri. 8	12 ·13	8 ·64	10	17	Wed. 9	14 ·43	14 ·63	12	16	Mon. 9	1 ·79	20 ·79	14
18	Sat. 9	13 ·12	9 ·65	11	18	Thur. 10	ℙ ·51	15 ·74	13	17	Tues. 10	2 ·81	21 ·83	15
19	Sun. 10	14 ·11	10 ·69	12	19	Fri. 11	1 ·59	16 ·85	14	18	Wed. 11	3 ·79	22 ·85	16
20	Mon.○11	ℙ ·15	11 ·75	13	20	Sat. 12	2 ·67	17 ·95	15	19	Thur. 12	4 ·76	23 ·85	17
21	Tues. 12	1 ·19	12 ·83	14	21	Sun. 13	3 ·74	... ...	16	20	Fri. 13	5 ·72	24 ·83	18
22	Wed. 13	2 ·15	13 ·93	15	22	Mon. 14	4 ·80	18 ·04	17	21	Sat. 14	6 ·66	25 ·81	19
23	Thur. 14	3 ·33	... ...	16	23	Tues. 15	5 ·83	19 ·11	18	22	Sun. 15	7 ·58	26 ·76	20
24	Fri. 15	4 ·42	14 ·03	17	24	Wed. 16	6 ·83	20 ·16	19	23	Mon. 16	8 ·49	27 ·70	21
25	Sat. 16	5 ·51	15 ·14	18	25	Thur. 17	7 ·83	21 ·20	20	24	Tues. 17	9 ·39	1 ·63	22
26	Sun. 17	6 ·59	16 ·24	19	26	Fri. 18	8 ·80	22 ·21	21	25	Wed. 18	10 ·29	2 ·56	23
27	Mon. 18	7 ·65	17 ·34	20	27	Sat. 19	9 ·74	23 ·20	22	26	Thur. 19	11 ·19	3 ·50	24
28	Tues. 19	8 ·71	18 ·43	21	28	Sun. 20	10 ·68	24 ·17	23			12 ·09		
29	Wed. 20	9 ·74	19 ·49	22	29	Mon. 21	11 ·60	25 ·13	24	27	Fri. 20	13 ·99	4 ·43	25
—30	Thur. 21	10 ·75	20 ·53	23	—30	Tues. 22	12 ·52	26 ·08	25	28	Sat. 21	14 ·90	5 ·37	26
1	Fri. 22	11 ·74	21 ·55	24				27 ·02		29	Sun. 22	A ·82	6 ·32	27
2	Sat. 23	12 ·72	22 ·55	25	1	Wed. 23	13 ·42	1 ·95	26	30	Mon. 23	1 ·77	7 ·28	28
3	Sun. 24	13 ·68	23 ·54	26	2	Thur. 24	14 ·32	2 ·88	27	—31	Tues. 24	2 ·72	8 ·26	—29
4	Mon. 25	14 ·61	24 ·51	27	3	Fri. 25	—A ·22	3 ·81	28	1	Wed. 25	3 ·69	9 ·26	1
5	Tues. 26	—A ·54	25 ·46	28	4	Sat. 26	1 ·12	4 ·75	—29	2	Thur. 26	4 ·69	10 ·27	2
6	Wed. 27	1 ·45	26 ·40	—29	5	Sun. 27	2 ·02	5 ·70	1	3	Fri. 27	5 ·71	11 ·31	3
7	Thur. 28	2 ·35	27 ·34	1			3 ·93			4	Sat. 28	6 ·74	12 ·36	4
8	Fri. 29	3 ·25	1 ·28	2	6	Mon. 28	4 ·86	6 ·65	2	5	Sun. 29	7 ·79	13 ·44	5
					7	Tues. 29	5 ·80	7 ·62	3	6	Mon. 30	8 ·87	14 ·54	6
					8	Wed. 30	6 ·76	8 ·60	4					

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1096. A—Amāvāsyā. P—Paurnimā.

Kollam 272, Commences { **N. Malabar—Aug.** / **S. Malabar—July.**

Hijra 490. Commences **Dec. 19.**

Vikrama 1153. **Bengal San. 502.** **(N. Cycle) Pramāthin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
7	Tues. 1	(Sukla.) 9 ·95	15 ·64	7
8	Wed. 2	... ...	16 ·74	8
9	Thur. 3	10 ·03	17 ·85	9
10	Fri. 4	11 ·11	18 ·95	10
11	Sat. 5	12 ·18	... ...	11
12	Sun. 6	(Āshāḍha.) 13 ·23	19 ·04	12
13	Mon. 7	14 ·27	20 ·10	13
14	Tues. 8	P ·29	21 ·15	14
(Dhātri. Karkaṭaka—Ādi.) 15	Wed. 9	1 ·28	22 ·17	15
16	Thur. 10	2 ·25	23 ·18	(H. 489 Rajab.) 16
17	Fri. 11	3 ·20	24 ·17	17
18	Sat. 12	4 ·15	25 ·14	18
19	Sun. 13	5 ·08 / 6 ·99	26 ·09	19
20	Mon. 14	7 ·89	27 ·03 / 1 ·97	20
21	Tues. 15	(Bahula.) 8 ·79	2 ·91	21
22	Wed. 16	9 ·69	3 ·84	22
23	Thur. 17	10 ·58	4 ·77	23
24	Fri. 18	11 ·48	5 ·71	24
25	Sat. 19	12 ·40	6 ·65	25
26	Sun. 20	13 ·32	7 ·61	26
27	Mon. 21	14 ·26	8 ·59	27
28	Tues. 22	—A ·21	9 ·58	28
29	Wed. 23	1 ·19	10 ·59	29
30	Thur. 24	2 ·18	11 ·62	—30
31	Fri. 25	3 ·20	12 ·67	1
——32	Sat. 26	4 ·24	13 ·75	2
1	Sun. 27	5 ·25	14 ·84	3
2	Mon. 28	6 ·36	15 ·94	4
3	Tues. 29	(Sukla.) 7 ·44	... ...	5
4	Wed. 30	8 ·52	16 ·04	6
5	Thur. 31	9 ·61	17 ·15	7
	Aug.			
6	Fri. 1	10 ·69	18 ·26	8
7	Sat. 2	11 ·74	19 ·34	9
8	Sun. 3	12 ·77	20 ·41	10
9	Mon. 4	(Śrāvaṇa.) 13 ·79	21 ·46	11
10	Tues. 5	14 ·78	22 ·49	12
11	Wed. ○ 6	P ·76	23 ·51	13
(Dhātri. Siṃha—Āvaṇi.) 12	Thur. 7	1 ·72	24 ·50	(H. 489 Sha'bān.) 14
13	Fri. 8	2 ·67	25 ·47	15
14	Sat. 9	3 ·59	26 ·43	16
15	Sun. 10	(Bahula.) 4 ·50	27 ·37	17
16	Mon. 11	5 ·40	1 ·32	18
17	Tues. 12	6 ·30	2 ·25	19
18	Wed. 13	7 ·20	3 ·18	20
19	Thur. 14	8 ·10	4 ·11	21
20	Fri. 15	9 ·01 / 10 ·92	5 ·04 / 6 ·99	22
21	Sat. 16	11 ·85	7 ·95	23
22	Sun. 17	12 ·79	8 ·92	24
23	Mon. 18	13 ·73	9 ·90	25
24	Tues. 19	14 ·72	10 ·91	26
25	Wed. 20	—A ·71	11 ·93	27
26	Thur. 21	1 ·78	12 ·99	28
27	Fri. 22	2 ·77	... ...	—29
28	Sat. 23	3 ·81	13 ·05	1
29	Sun. 24	(Sukla.) 4 ·88	14 ·14	(H. 489 Ramazān.) 2
30	Mon. 25	5 ·96	15 ·24	3
——31	Tues. 26	... ...	16 ·34	4
1	Wed. 27	6 ·05	17 ·46	5
2	Thur. 28	(Bhād.) 7 ·14	18 ·56	6
3	Fri. 29	8 ·22	19 ·65	7
4	Sat. 30	9 ·27	20 ·72	8
5	Sun. 31	10 ·31	21 ·77	9

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
6	Mon. 1	11 ·82	22 ·82	10
7	Tues. 2	12 ·33	23 ·83	11
8	Wed. 3	13 ·30	24 ·82	12
9	Thur. 4	(Bhād.) 14 ·26	25 ·80	13
10	Fri. 5	P ·21	26 ·76	14
11	Sat. 6	1 ·14	27 ·71	15
12	Sun. 7	2 ·05 / 3 ·95	1 ·65	(H. 489 Ramazān.) 16
(Dhātri. Kanyā—Puraṭṭāśi.) 13	Mon. 8	4 ·85	2 ·59	17
14	Tues. 9	5 ·75	3 ·52	18
15	Wed. 10	6 ·65	4 ·44	19
16	Thur. 11	(Bahula.) 7 ·56	5 ·38	20
17	Fri. 12	8 ·47	6 ·33	21
18	Sat. 13	9 ·41	7 ·28	22
19	Sun. 14	10 ·35	8 ·25	23
20	Mon. 15	11 ·30	9 ·23	24
21	Tues. 16	12 ·28	10 ·23	25
22	Wed. 17	13 ·27	11 ·26	26
23	Thur. 18	14 ·29	12 ·30	27
24	Fri. 19	—A ·33	13 ·36	28
25	Sat. 20	1 ·39	14 ·44	29
26	Sun. 21	2 ·45	15 ·53	—30
27	Mon. 22	3 ·53	16 ·65	1
28	Tues. 23	4 ·62	17 ·75	2
29	Wed. 24	5 ·71	18 ·86	3
——30	Thur. 25	6 ·80	19 ·95	4
1	Fri. 26	7 ·85	... ...	5
2	Sat. 27	(Sukla.) 8 ·89	20 ·03	6
3	Sun. 28	9 ·91	21 ·10	7
4	Mon. 29	10 ·91	22 ·13	8
5	Tues. 30	11 ·88	23 ·15	9
	Oct.			
6	Wed. 1	12 ·85	24 ·15	10
7	Thur. 2	13 ·79	25 ·18	11
8	Fri. 3	(Āśvina.) 14 ·72	26 ·09	12
9	Sat. 4	P ·64	27 ·05 / 1 ·99	(H. 489 Shawwāl.) 13
(Dhātri. Tulā—Aippaśi.) 10	Sun. 5	1 ·54	2 ·92	14
11	Mon. 6	2 ·44	3 ·85	15
12	Tues. 7	3 ·34	4 ·78	16
13	Wed. 8	4 ·24	5 ·73	17
14	Thur. 9	5 ·15	6 ·66	18
15	Fri. 10	6 ·07	7 ·61	19
16	Sat. 11	7 ·00 / 8 ·94	8 ·58	20
17	Sun. 12	9 ·89	9 ·55	21
18	Mon. 13	(Bahula.) 10 ·88	10 ·56	22
19	Tues. 14	11 ·88	11 ·57	23
20	Wed. 15	12 ·89	12 ·61	24
21	Thur. 16	13 ·94	13 ·67	25
22	Fri. 17	14 ·99	14 ·74	26
23	Sat. 18	.. ...	15 ·83	27
24	Sun. 19	—A ·06	16 ·95	28
25	Mon. 20	1 ·15	... ...	—29
26	Tues. 21	2 ·24	17 ·05	1
27	Wed. 22	3 ·33	18 ·16	2
28	Thur. 23	4 ·40	19 ·25	3
29	Fri. 24	(Sukla.) 5 ·47	20 ·33	(H. 489 Zi-l-ka'da.) 4
——30	Sat. 25	6 ·51	21 ·41	5
1	Sun. 26	7 ·52	22 ·45	6
2	Mon. 27	8 ·52	23 ·47	7
3	Tues. 28	9 ·50	24 ·47	8
4	Wed. 29	(Kārt.) 10 ·46	25 ·46	9
5	Thur. 30	11 ·41	26 ·43	10
6	Fri. 31	12 ·34	27 ·39	11

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
7	Sat 1	13 ·25	1 ·33	12
8	Sun. 2	14 ·16	2 ·26	13
9	Mon. 3	P ·06 / 1 ·96	3 ·19	14
(Dhātri. Vriśchika—Kārttigai.) 10	Tues. 4	2 ·87	4 ·13	15
11	Wed. 5	(Kārttika.) 3 ·78	5 ·06	16
12	Thur. 6	4 ·70	6 ·00 / 7 ·95	(H. 489 Zi-l-ka'da.) 17
13	Fri. 7	5 ·62	8 ·91	18
14	Sat. 8	6 ·57	9 ·89	19
15	Sun. 9	7 ·52	10 ·88	20
16	Mon. 10	8 ·50	11 ·89	21
17	Tues. 11	9 ·51	12 ·92	22
18	Wed. 12	10 ·53	13 ·97	23
19	Thur. 13	(Bahula.) 11 ·58	... ..	24
20	Fri. 14	12 ·63	14 ·05	25
21	Sat. 15	13 ·71	15 ·14	26
22	Sun. 16	14 ·80	16 ·24	27
23	Mon. 17	—A ·89	17 ·35	28
24	Tues. 18	1 ·98	18 ·46	29
25	Wed. 19	... ...	19 ·55	—30
26	Thur. 20	2 ·05	20 ·65	1
27	Fri. 21	3 ·11	21 ·72	2
28	Sat. 22	(Sukla.) 4 ·15	22 ·76	3
29	Sun. 23	5 ·17	23 ·79	4
——30	Mon. 24	6 ·16	24 ·80	5
1	Tues. 25	7 ·15	25 ·79	6
2	Wed. 26	8 ·10	26 ·77	7
3	Thur. 27	9 ·04 / 10 ·97	27 ·72	8
4	Fri. 28	11 ·88	1 ·67	9
5	Sat. 29	12 ·79	2 ·60	10
6	Sun. 30	13 ·69	3 ·54	11
	Dec.			
7	Mon. 1	(Mārgaśirsha.) 14 ·59	4 ·47	(H. 489 Zi-l-hijja.) 12
8	Tues. 2	P ·49	5 ·40	13
9	Wed. 3	1 ·40	6 ·34	14
(Dhātri. Dhanus—Mārgali.) 10	Thur. 4	2 ·33	7 ·28	15
11	Fri. 5	3 ·26	8 ·24	16
12	Sat. 6	4 ·21	9 ·22	17
13	Sun. 7	5 ·16	10 ·20	18
14	Mon. 8	6 ·15	11 ·21	19
15	Tues. 9	7 ·15	12 ·24	20
16	Wed. 10	(Bahula.) 8 ·17	13 ·28	21
17	Thur. 11	9 ·23	14 ·36	22
18	Fri. 12	10 ·29	15 ·44	23
19	Sat. 13	11 ·36	16 ·54	24
20	Sun. 14	12 ·45	17 ·65	25
21	Mon. 15	13 ·55	18 ·75	26
22	Tues. 16	14 ·63	19 ·86	27
23	Wed. 17	—A ·71	20 ·95	28
24	Thur. 18	1 ·76	... ...	—29
25	Fri. 19	2 ·79	21 ·02	1
26	Sat. 20	3 ·81	22 ·08	2
27	Sun. 21	4 ·80	23 ·11	3
28	Mon. 22	(Sukla.) 5 ·79	24 ·13	(H. 490 Muharram.) 4
——29	Tues. 23	6 ·74	25 ·12	5
1	Wed. 24	7 ·69	26 ·10	6
(Dhātri. Makara—Tai.) 2	Thur. 25	8 ·62	27 ·05	7
3	Fri. 26	9 ·52	1 ·00 / 2 ·95	8
4	Sat. 27	(Pausha.) 10 ·42	3 ·88	9
5	Sun. 28	11 ·32	4 ·81	10
6	Mon. 29	12 ·23	5 ·74	11
7	Tues. 30	13 ·14	6 ·67	12
8	Wed. 31	14 ·05 / P ·97	7 ·61	13

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1097. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·84.** **Śaka 1019.** **Kaliyuga 4198.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·80.** **(S. Cycle) Iśvara.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Thur. 1	Pausha. 1 ·90	8 ·58	14	9	Sun. 1	Phāl.	12 ·19	14	8	Fri. 1	Śaka. 2 ·34	18 ·25	16
10	Fri. 2	2 ·85	9 ·54	15	10	Mon. 2	1 ·00	13 ·22	15	9	Sat. 2	3 ·43	19 ·36	17
11	Sat. 3	3 ·80	10 ·53	16	11	Tues. 3	2 ·03	14 ·28	16	10	Sun. 3	4 ·50	20 ·47	18
12	Sun. 4	4 ·79	11 ·53	17	12	Wed. 4	3 ·07	15 ·35	17	11	Mon. 4	5 ·56	21 ·56	19
13	Mon. 5	5 ·79	12 ·55	18	13	Thur. 5	4 ·14	16 ·45	18	12	Tues 5	6 ·62	22 ·64	20
14	Tues. 6	6 ·82	13 ·60	19	14	Fri. 6	5 ·22	17 ·55	19	13	Wed. 6	7 ·63	23 ·69	21
15	Wed. 7	7 ·87	14 ·67	20	15	Sat. 7	6 ·31	18 ·66	20	14	Thur. 7	8 ·64	24 ·73	22
16	Thur. 8	8 ·91	15 ·75	21	16	Sun. 8	7 ·39	19 ·76	21	15	Fri. 8	9 ·63	25 ·75	23
17	Fri. 9	Śukla.	16 ·84	22	17	Mon. 9	8 ·47	20 ·86	22	16	Sat. 9	10 ·62	26 ·75	24
18	Sat. 10	9 ·02	17 ·95	23	18	Tues 10	9 ·53	21 ·94	23	17	Sun. 10	11 ·56	27 ·72	25
19	Sun. 11	10 ·10	... ...	24	19	Wed. 11	Śukla. 10 ·59	... ...	24	18	Mon. 11	12 ·50	1 ·68	26
20	Mon. 12	11 ·19	18 ·06	25	20	Thur. 12	11 ·62	22 ·02	25	19	Tues. 12	13 ·42	2 ·63	27
21	Tues. 13	12 ·27	19 ·16	26	21	Fri. 13	12 ·62	23 ·07	26	20	Wed. 13	14 ·32	3 ·58	28
22	Wed. 14	13 ·35	20 ·26	27	22	Sat. 14	13 ·61	24 ·09	27	21	Thur. 14	—A ·22	4 ·51	29
23	Thur. 15	14 ·40	21 ·33	28	23	Sun. 15	14 ·58	25 ·10	28	22	Fri. 15	1 ·12	5 ·44	—30
24	Fri. ●16	—A ·43	22 ·39	29	24	Mon. 16	—A ·53	26 ·08	29					
25	Sat. 17	1 ·44	23 ·44	—30	25	Tues. 17	1 ·46	27 ·06	—30	23	Sat. 16	2 ·02 3 ·92	6 ·37	1
26	Sun. 18	2 ·44	24 ·45	1				1 ·02						
27	Mon. 19	3 ·42	25 ·45	2	26	Wed. 18	2 ·39	2 ·96	1	24	Sun. 17	4 ·83	7 ·30	2
28	Tues. 20	4 ·36	26 ·43	3	27	Thur. 19	Śukla. 3 ·30	3 ·89	2	25	Mon. 18	5 ·74	8 ·24	3
29	Wed. 21	5 ·30	27 ·39	4	28	Fri. 20	4 ·20	4 ·82	3	26	Tues. 19	6 ·66	9 ·20	4
—30	Thur. 22	6 ·23	1 ·34	5	29	Sat. 21	5 ·10	5 ·76	4	27	Wed. 20	7 ·61	10 ·17	5
1	Fri. 23	7 ·15	2 ·29	6			6 ·00			28	Thur. 21	8 ·56	11 ·15	6
		8 ·05			30	Sun. 22	7 ·91	6 ·69	5	29	Fri. 22	9 ·55	12 ·15	7
2	Sat. 24	9 ·95	3 · ·	7						30	Sat. 23	10 ·54	13 ·17	8
3	Sun. 25	10 ·85	4 ·15	8	—31	Mon. 23	8 ·82	7 ·63	6	—31	Sun. 24	11 ·56	14 ·22	9
4	Mon. 26	11 ·75	5 ·08	9	1	Tues. 24	9 ·73	8 ·58	7	1	Mon. 25	12 ·60	15 ·28	10
			6 ·01		2	Wed. 25	10 ·66	9 ·53	8	2	Tues. 26	13 ·65	16 ·35	11
5	Tues. 27	12 ·66	7 ·96	10	3	Thur. 26	11 ·59	10 ·51	9	3	Wed. 27	14 ·73	17 ·45	12
6	Wed. 28	Māgha. 13 ·58	8 ·91	11	4	Fri. 27	Chaitra. 12 ·56	11 ·50	10	4	Thur. 28	P ·81	18 ·55	13
7	Thur. 29	14 ·52	9 ·87	12	5	Sat. 28	13 ·54	12 ·51	11	5	Fri. 29	1 ·89	19 ·67	14
8	Fri. ○30	P ·47	10 ·85	13	6	Sun. 29	14 ·54	13 ·54	12	6	Sat. 30	2 ·97	20 ·77	15
9	Sat. 31	1 ·43	11 ·85	14	7	Mon. 30	P ·57	14 ·59	13	7	Sun. 31	... ...	21 ·86	16
	Feb.				8	Tues. 31	1 ·62	15 ·66	14		**June.**			
10	Sun. 1	2 ·41	12 ·87	15		**April.**								
11	Mon. 2	3 ·41	13 ·91	16	9	Wed. 1	2 ·68	16 ·75	15	8	Mon. 1	3 ·04	22 ·94	17
12	Tues. 3	4 ·44	14 ·97	17	10	Thur. 2	3 ·76	17 ·85	16	9	Tues. 2	4 ·08	... ...	18
13	Wed. 4	5 ·49	... ...	18	11	Fri. 3	4 ·84	18 ·96	17	10	We.. 3	5 ·12	23 ·00	19
14	Thur. 5	Śukla. 6 ·56	15 ·05	19	12	Sat. 4	5 ·92	.. ..	18	11	Thur. 4	6 ·13	24 ·05	20
15	Fri. 6	7 ·64	14 ·14	20	13	Sun. 5	... ...	19 ·06	19	12	Fri. 5	7 ·12	25 ·07	21
16	Sat. 7	8 ·73	17 ·25	21	14	Mon. 6	6 ·00	20 ·16	20	13	Sat. 6	8 ·09	26 ·07	22
17	Sun. 8	9 ·81	18 ·36	22	15	Tues. 7	Śukla. 7 ·06	21 ·26	21			9 ·04		
18	Mon. 9	10 ·89	19 ·46	23	16	Wed. 8	8 ·12	22 ·33	22	14	Sun. 7	10 ·98	27 ·05	23
19	Tues. 10	11 ·96	20 ·56	24	17	Thur. 9	9 ·15	23 ·38	23				1 ·02	
20	Wed. 11	... ...	21 ·64	25	18	Fri. 10	Śukla. 10 ·15	24 ·41	24	15	Mon. 8	11 ·89	2 ·98	24
21	Thur. 12	12 ·01	22 ·71	26	19	Sat. 11	11 ·14	25 ·42	25	16	Tues. 9	12 ·80	3 ·92	25
22	Fri. 13	13 ·05	23 ·75	27	20	Sun. 12	12 ·12	26 ·42	26	17	Wed. 10	13 ·70	4 ·85	26
23	Sat. 14	14 ·05	24 ·77	28			13 ·06			18	Thur. 11	14 ·60	5 ·78	27
24	Sun. 15	—A ·05	25 ·77	—29	21	Mon. 13	14 ·99	27 ·39	27	19	Fri. 12	—A ·50	6 ·71	28
		1 ·01			22	Tues. 14	—A ·91	1 ·35	28	20	Sat. 13	1 ·40	7 ·64	—29
25	Mon. 16	2 ·97	26 ·75	1	23	Wed. 15	1 ·82	2 ·30	—29	21	Sun. 14	2 ·30	8 ·59	1
26	Tues. 17	3 ·90	27 ·72	2	24	Thur. 16	2 ·73	3 ·23	1	22	Mon. 15	3 ·21	9 ·54	2
27	Wed. 18	4 ·82	1 ·68	3	25	Fri. 17	3 ·63	4 ·17	2	23	Tues. 16	4 ·15	10 ·50	3
28	Thur. 19	5 ·74	2 ·62	4	26	Sat. 18	4 ·52	5 ·10	3	24	Wed. 17	5 ·09	11 ·47	4
—29	Fri. 20	6 ·64	3 ·56	5				6 ·03		25	Thur. 18	6 ·03	12 ·47	5
1	Sat. 21	7 ·54	4 ·49	6	27	Sun. 19	Śukla. 5 ·42	7 ·97	4	26	Fri. 19	7 ·02	13 ·49	6
2	Sun. 22	8 ·44	5 ·42	7	28	Mon. 20	6 ·32	8 ·91	5	27	Sat. 20	8 ·01	14 ·58	7
3	Mon. 23	9 ·35	6 ·36	8	29	Tues. 21	7 ·24	9 ·87	6	28	Sun. 21	9 ·03	15 ·58	8
4	Tues 24	10 ·26	7 ·29	9	30	Wed. 22	8 ·17	10 ·84	7	29	Mon. 22	10 ·07	16 ·66	9
5	Wed. 25	11 ·17	8 ·24	10	—31	Thur. 23	9 ·12	11 ·82	8	30	Tues. 23	11 ·13	17 ·75	10
6	Thur. 26	12 ·11	9 ·20	11	1	Fri. 24	10 ·07	12 ·83	9	31	Wed. 24	12 ·20	18 ·86	11
7	Fri. 27	13 ·05	10 ·18	12	2	Sat. 25	11 ·03	13 ·85	10	—32	Thur. 25	13 ·28	19 ·97	12
		14 ·02			3	Sun. 26	12 ·05	14 ·90	11	1	Fri. 26	14 ·36	... ..	13
8	Sat. 28	P ·99	11 ·18	13	4	Mon. 27	13 ·08	15 ·97	12	2	Sat. 27	P ·44	20 ·07	14
					5	Tues. 28	14 ·13	... ..	13	3	Sun. 28	1 ·51	21 ·17	15
					6	Wed. 29	P ·18	16 ·05	14	4	Mon. 29	2 ·56	22 ·25	16
					7	Thur. 30	1 ·26	17 ·15	15	5	Tues. 30	3 ·60	23 ·32	17

Dhātri. — Makara—Tai. — Kumbha—Māśi. — Īśvara. — Mēsha—Chittirai. — Dhātri. — Mīna—Paiguni. — Īśvara. — Vrishabha—Vaigāśi. — Īśvara. — Mithuna—Āni.

H. 490 Muharram. — H. 490 Śafar. — H. 490 Rabī-ul awwal. — H. 490 Rabī-ul ākhir. — H. 490 Jamāda'l awwal. — H. 490 Jamāda'l ākhir. — H. 490 Rajab.

Nakshatras—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1097. **Kollam 273,** { **N. Malabar—Aug.** **Hijra 491.** **Vikrama 1154.**
A—Amāvāsyā. Commences. { **S. Malabar—July.** Commences **Dec. 9.** **Bengal San. 503.**
P—Paurnimā. **(N. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Wed.	1	4 ·61	24 ·37	18	6	Tues.	1	7 ·25	5 ·81	21	6	Sun.	1	10 ·84	11 ·12	23
7	Thur.	2	5 ·60	25 ·39	19	7	Wed.	2	8 ·15	6 ·74	22	7	Mon.	2	11 ·80	12 ·10	24
8	Fri.	3	6 ·57	26 ·40	20	8	Thur.	3	9 ·05	7 ·66	23	8	Tues.	3	12 ·79	13 ·09	25
9	Sat.	4	7 ·52	27 ·38	21				10 ·95			9	Wed.	4	13 ·80	14 ·11	26
10	Sun.	5	8 ·46	1 ·35	22	9	Fri.	4	11 ·85	8 ·60	24	10	Thur.	5	14 ·82	15 ·14	27
11	Mon.	6	9 ·38	2 ·31	23	10	Sat.	5	12 ·76	9 ·54	25	11	Fri.	6	—A ·85	16 ·19	28
12	Tues.	7	10 ·30	3 ·25	24	11	Sun.	6	13 ·70	10 ·50	26	12	Sat.	7	1 ·92	17 ·27	29
13	Wed.	8	11 ·20	4 ·19	25	12	Mon.	7	14 ·64	11 ·47	27	13	Sun.	8	... ...	18 ·35 ·	—30
14	Thur.	9	12 ·10	5 ·12	26	13	Tues.	8	—A ·59	12 ·47	28	14	Mon.	9	2 ·00	19 ·46	1
15	Fri.	10	13 ·00	6 ·05	27	14	Wed.	9	1 ·57	13 ·45	29	15	Tues.	10	3 ·08	20 ·57	2
			14 ·90	7 ·99		15	Thur.	10	2 ·57	14 ·47	—30	16	Wed.	11	4 ·17	21 ·68	3
16	Sat.	11	—A ·80	8 ·93	28	16	Fri.	11	3 ·58	15 ·52	1	17	Thur.	12	5 ·26	22 ·77	4
17	Sun.	12	1 ·71	9 ·87	29	17	Sat.	12	4 ·63	16 ·58	2	18	Fri.	13	6 ·34	23 ·86	5
18	Mon.	13	2 ·65	10 ·83	—30	18	Sun.	13	5 ·69	17 ·66	3	19	Sat.	14	7 ·40	24 ·94	6
19	Tues.	14	3 ·59	11 ·80	1	19	Mon.	14	6 ·77	18 ·75	4	20	Sun.	15	8 ·44	25 ·98	7
20	Wed.	15	4 ·53	12 ·80	2	20	Tues.	15	7 ·85	19 ·86	5	21	Mon.	16	9 ·46	... ...	8
21	Thur.	16	5 ·51	13 ·81	3	21	Wed.	16	8 ·94	20 ·97	6	22	Tues.	17	10 ·45	26 ·01	9
22	Fri.	17	6 ·51	14 ·84	4	22	Thur.	17	... ...	... ...	7	23	Wed.	18	11 ·42	27 ·02	10
23	Sat.	18	7 ·51	15 ·89	5	23	Fri.	18	9 ·02	21 ·08	8					1 ·00	
24	Sun.	19	8 ·55	16 ·96	6	24	Sat.	19	10 ·10	22 ·17	9	24	Thur.	19	12 ·38	2 ·98	11
25	Mon.	20	9 ·62	.. ...	7	25	Sun.	20	11 ·16	23 ·25	10	25	Fri.	20	13 ·32	3 ·94	12
26	Tues.	21	10 ·69	17 ·06	8	26	Mon.	21	12 ·19	24 ·31	11	26	Sat.	21	14 ·25	4 ·88	13
27	Wed.	22	11 ·77	18 ·16	9	27	Tues.	22	13 ·22	25 ·34	12	27	Sun.	22	P ·17	5 ·82	14
28	Thur.	23	12 ·85	19 ·26	10	28	Wed.	23	14 ·20	26 ·37	13	28	Mon.	23	1 ·07	6 ·75	15
29	Fri.	24	13 ·94	20 ·37	11	29	Thur.	24	P ·18	27 ·37	14				2 ·97		
30	Sat.	25	.. ...	21 ·47	12	30	Fri.	25	1 ·14	1 ·35	15	29	Tues.	24	3 ·87	7 ·68	16
31	Sun.	26	14 ·00	22 ·56	13	31	Sat.	26	2 ·08	2 ·31	16	1	Wed.	25	4 ·77	8 ·62	17
1	Mon.	27	P ·05	23 ·63	14	1	Sun.	27	3 ·01	3 ·26	17	2	Thur.	26	5 ·68	9 ·56	18
2	Tues.	28	1 ·10	24 ·68	15				4 ·92			3	Fri.	27	6 ·60	10 ·50	19
3	Wed.	29	2 ·10	25 ·71	16	2	Mon.	28	5 ·82	4 ·21	18	4	Sat.	28	7 ·54	11 ·46	20
4	Thur.	30	3 ·10	26 ·72	17	3	Tues.	29	6 ·72	5 ·14	19	5	Sun.	29	8 ·48	12 ·43	21
5	Fri.	31	4 ·07	27 ·71	18	4	Wed.	30	7 ·62	6 ·07	20	6	Mon.	30	9 ·45	13 ·42	22
	Aug.						**Oct.**						**Dec.**				
			5 ·04	1 ·69						7 ·00		7	Tues.	1	10 ·44	14 ·43	23
6	Sat.	1	6 ·97		19	5	Thur.	1	8 ·53	8 ·94	21	8	Wed.	2	11 ·44	15 ·46	24
7	Sun.	2	7 ·89	2 ·65	20	6	Fri.	2	9 ·44	9 ·88	22	9	Thur.	3	12 ·47	16 ·50	25
8	Mon.	3	8 ·80	3 ·59	21	7	Sat.	3	10 ·35	10 ·83	23	10	Fri.	4	13 ·50	17 ·57	26
9	Tues.	4	9 ·70	4 ·53	22	8	Sun.	4	11 ·28	11 ·80	24	11	Sat.	5	14 ·57	18 ·67	27
10	Wed.	5	10 ·60	5 ·46	23	9	Mon.	5	12 ·22	12 ·77	25	12	Sun.	6	—A ·65	19 ·76	28
11	Thur.	3	11 ·50	6 ·40	24	10	Tues.	6	13 ·18	13 ·77	26	13	Mon.	7	1 ·74	20 ·87	29
12	Fri.	7	12 ·41	7 ·33	25	11	Wed.	7	14 ·17	14 ·78	27	14	Tues.	8	2 ·84	21 ·97	—30
13	Sat.	8	13 ·32	8 ·26	26	12	Thur.	8	—A ·17	15 ·83	28	15	Wed.	9	3 ·92	.. ...	1
14	Sun.	9	14 ·23	9 ·20	27	13	Fri.	9	1 ·19	16 ·89	—29	16	Thur.	10	4 ·99	22 ·08	2
15	Mon.	10	—A ·16	10 ·16	28	14	Sat.	10	2 ·23	17 ·96	1	17	Fri.	11	... ...	23 ·17	3
16	Tues.	11	1 ·09	11 ·14	—29	15	Sun.	11	3 ·29	... ...	2	18	Sat.	12	5 ·05	24 ·25	4
17	Wed.	12	2 ·04	12 ·12	1	16	Mon.	12	4 ·37	18 ·05	3	19	Sun.	13	6 ·09	25 ·30	5
18	Thur.	13	3 ·02	13 ·13	2	17	Tues.	13	5 ·45	19 ·16	4	20	Mon.	14	7 ·10	26 ·33	6
19	Fri.	14	4 ·03	14 ·15	3	18	Wed.	14	6 ·55	20 ·27	5	21	Tues.	15	8 ·10	27 ·34	7
20	Sat.	15	5 ·03	15 ·20	4	19	Thur.	15	7 ·63	21 ·38	6	22	Wed.	16	9 ·07	1 ·33	8
21	Sun.	16	6 ·08	16 ·28	5	20	Fri.	16	8 ·71	22 ·47	7	23	Thur.	17	10 ·03	2 ·32	9
22	Mon.	17	7 ·13	17 ·36	6	21	Sat.	17	9 ·76	23 ·55	8				11 ·97		
23	Tues.	18	8 ·20	18 ·46	7	22	Sun.	18	10 ·79	24 ·62	9	24	Fri.	18	12 ·89	3 ·27	10
24	Wed.	19	9 ·29	19 ·56	8	23	Mon.	19	11 ·82	25 ·67	10	25	Sat.	19	13 ·81	4 ·22	11
25	Thur.	20	10 ·37	20 ·67	9	24	Tues.	20	12 ·81	26 ·69	11	26	Sun.	20	14 ·72	5 ·16	12
26	Fri.	21	11 ·46	21 ·77	10	25	Wed.	21	13 ·78	27 ·69	12	27	Mon.	21	P ·62	6 ·09	13
27	Sat.	22	12 ·53	22 ·87	11	26	Thur.	22	14 ·74	1 ·68	13	28	Tues.	22	1 ·53	7 ·03	14
28	Sun.	23	13 ·58	23 ·94	12	27	Fri.	23	P ·70	2 ·64	14					8 ·96	
29	Mon.	24	14 ·62	... ...	13	28	Sat.	24	1 ·62	3 ·61	15	29	Wed.	23	2 ·42	9 ·89	15
30	Tues.	25	P ·63	24 ·00	14	29	Sun.	25	2 ·53	4 ·55	16	30	Thur.	24	3 ·33	10 ·83	16
31	Wed.	26	1 ·63	25 ·03	15	30	Mon.	26	3 ·44	5 ·48	17	1	Fri.	25	4 ·25	11 ·79	17
1	Thur.	27	2 ·60	26 ·04	16	1	Tues.	27	4 ·34	6 ·41	18	2	Sat.	26	5 ·18	12 ·76	18
2	Fri.	28	3 ·57	27 ·04	17	2	Wed.	28	5 ·24	7 ·34	19	3	Sun.	27	6 ·12	13 ·75	19
				1 ·02		3	Thur.	29	6 ·14	8 ·27	20	4	Mon.	28	7 ·09	14 ·75	20
3	Sat.	29	4 ·50	2 ·98	18	4	Fri.	30	7 ·05	9 ·22	21	5	Tues.	29	8 ·08	15 ·77	21
4	Sun.	30	5 ·43	3 ·93	19				8 ·97			6	Wed.	30	9 ·09	16 ·81	22
5	Mon.	31	6 ·34	4 ·86	20	5	Sat.	31	9 ·89	10 ·17	22	7	Thur.	31	10 ·12	17 ·89	23

Īśvara. **Karkataka—Ādl.** *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Īśvara. **Siṁha—Āvaṇi.** **Āshāḍha.** **Śrāvaṇa.** **Bhādrapada.** *H. 490 Śha'bān.* *H. 490 Ramazān.*

Īśvara. **Kanyā—Puraṭṭāśi.** **Āśvina.** **Kārttika.** *H. 490 Shawwāl.* *H. 490 Zi-l-ka'da.*

Īśvara. **Tulā—Aippaśi.**

Īśvara. **Vṛśchika—Kārttigai.** **Mārgaśirsha.** **Pausha.** *H. 490 Zi-l-hijja.* *H. 491 Muharram.*

Īśvara. **Dhanus—Mārgali.**

Īśvara. **Makara—Tai.**

13 Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1098. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·10. **Śaka 1020.** **Kaliyuga 4199.**
Lunar Eclipse. ○ (Arya Sid.) March 24·06. **(S. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Fri. 1	11 ·17	18 ·97	24	8	Mon. 1	11 ·71	22 ·98	24	8	Sat. 1	13 ·97	1 ·96	26
10	Sat. 2	12 ·23	... ...	25	9	Tues. 2	12 ·78	... ..	25	9	Sun. 2	14 ·93	2 ·97	27
11	Sun. 3	13 ·30	19 ·06	26	10	Wed. 3	13 ·85	23 ·08	26	10	Mon. 3	—A ·89	3 ·94	28
12	Mon. 4	14 ·40	20 ·17	27	11	Thur. 4	14 ·90	24 ·16	27	11	Tues. 4	1 ·83	4 ·90	29
13	Tues. ●5	—A ·49	21 ·27	28	12	Fri. 5	—A ·93	25 ·23	28	12	Wed. 5	2 ·74	5 ·85	—30
14	Wed. 6	1 ·57	22 ·39	29	13	Sat. 6	1 ·94	26 ·29	29	13	Thur. 6	3 ·65	6 ·79	1
15	Thur. 7	2 ·64	23 ·48	—30	14	Sun. 7	2 ·92	27 ·31	—30	14	Fri. 7	4 ·55	7 ·72	2
16	Fri. 8	3 ·70	24 ·55	1	15	Mon. 8	3 ·89	1 ·32	1	15	Sat. 8	5 ·45	8 ·66	3
17	Sat. 9	4 ·73	25 ·61	2	16	Tues. 9	4 ·84	2 ·30	2	16	Sun. 9	6 ·35	9 ·59	4
18	Sun. 10	5 ·74	26 ·65	3	17	Wed. 10	5 ·78	3 ·27	3	17	Mon. 10	7 ·25	10 ·52	5
19	Mon. 11	6 ·73	27 ·66	4	18	Thur. 11	6 ·70	4 ·24	4	18	Tues. 11	8 ·15	11 ·46	6
20	Tues. 12	7 ·70	1 ·67	5	19	Fri. 12	7 ·60	5 ·18	5					
21	Wed. 13	8 ·67	2 ·65	6	20	Sat. 13	8 ·50	6 ·11	6	19	Wed. 12	9 ·06 / 10 ·98	12 ·41	7
22	Thur. 14	9 ·60	3 ·61	7	21	Sun. 14	9 ·40	7 ·04 / 8 ·97	7	20	Thur. 13	11 ·92	13 ·39	8
23	Fri. 15	10 ·52	4 ·56	8						21	Fri. 14	12 ·89	14 ·37	9
24	Sat. 16	11 ·43	5 ·50	9	22	Mon. 15	10 ·30	9 ·91	8	22	Sat. 15	13 ·87	15 ·37	10
25	Sun. 17	12 ·34	6 ·44	10	23	Tues. 16	11 ·20	10 ·85	9	23	Sun. 16	14 ·87	16 ·39	11
26	Mon. 18	13 ·24	7 ·37	11	24	Wed. 17	12 ·11	11 ·80	10	24	Mon. 17	P ·89	17 ·43	12
27	Tues. 19	14 ·14	8 ·30	12	25	Thur. 18	13 ·03 / 14 ·95	12 ·75	11	25	Tues. 18	1 ·93	18 ·50	13
28	Wed. 20	P ·04 / 1 ·95	9 ·23	13	26	Fri. 19	P ·91	13 ·72	12	26	Wed. 19	2 ·99	19 ·57	14
29	Thur. 21	2 ·88	10 ·17	14	27	Sat. 20	1 ·87	14 ·71	13	27	Thur. 20	... ...	20 ·67	15
—30	Fri. 22	3 ·81	11 ·13	15	28	Sun. 21	2 ·86	15 ·73	14	28	Fri. 21	3 ·06	21 ·77	16
1	Sat. 23	4 ·76	12 ·09	16	29	Mon. 22	3 ·86	16 ·76	15	29	Sat. 22	4 ·15	22 ·88	17
2	Sun. 24	5 ·72	13 ·07	17	—30	Tues. 23	4 ·90	17 ·81	16	30	Sun. 23	5 ·23	23 ·99	18
3	Mon. 25	6 ·70	14 ·07	18	1	Wed. 24	5 ·94	18 ·88	17	—31	Mon. 24	6 ·31	... ...	19
4	Tues. 26	7 ·71	15 ·09	19	2	Thur. 25	... ...	19 ·96	18	1	Tues. 25	7 ·37	24 ·09	20
5	Wed. 27	8 ·75	16 ·13	20	3	Fri. 26	6 ·00	... ...	19	2	Wed. 26	8 ·43	25 ·16	21
6	Thur. 28	9 ·80	17 ·19	21	4	Sat. 27	7 ·08	20 ·07	20	3	Thur. 27	9 ·45	26 ·22	22
7	Fri. 29	10 ·85	18 ·27	22	5	Sun. 28	8 ·16	21 ·18	21	4	Fri. 28	10 ·46	27 ·26	23
8	Sat. 30	11 ·94	19 ·36	23	6	Mon. 29	9 ·25	22 ·28	22	5	Sat. 29	11 ·45	1 ·28	24
9	Sun. 31	... ...	20 ·46	24	7	Tues. 30	10 ·32	23 ·38	23	6	Sun. 30	12 ·41	2 ·29	25
					8	Wed. 31	11 ·39	24 ·47	24	7	Mon. 31	13 ·37	3 ·27	26
	Feb.					**April.**					**June.**			
10	Mon. 1	12 ·03	21 ·57	25	9	Thur. 1	12 ·44	25 ·55	25	8	Tues. 1	14 ·29	4 ·24	27
11	Tues. 2	13 ·11	22 ·68	26	10	Fri. 2	13 ·48	26 ·60	26	9	Wed. 2	—A ·21	5 ·19	28
12	Wed. 3	14 ·19	23 ·78	27	11	Sat. 3	14 ·48	27 ·63	27	10	Thur. 3	1 ·12	6 ·13	—29
13	Thur. 4	—A ·26	24 ·86	28	12	Sun. 4	—A ·45	1 ·64	28	11	Fri. 4	2 ·02 / 3 ·92	7 ·07	1
14	Fri. 5	1 ·32	25 ·92	—29	13	Mon. 5	1 ·42	2 ·63	—29				8 ·00 / 9 ·93	
15	Sat. 6	2 ·35	26 ·96	1	14	Tues. 6	2 ·37	3 ·61	1	12	Sat. 5	4 ·82		2
16	Sun. 7	3 ·36	27 ·99	2	15	Wed. 7	3 ·31	4 ·57	2	13	Sun. 6	5 ·72	10 ·86	3
17	Mon. 8	4 ·34	1 ·99	3	16	Thur. 8	4 ·23	5 ·52	3	14	Mon. 7	6 ·62	11 ·80	4
18	Tues. 9	5 ·32	2 ·97	4	17	Fri. 9	5 ·13	6 ·45	4	15	Tues. 8	7 ·54	12 ·76	5
19	Wed. 10	6 ·26	3 ·94	5	18	Sat. 10	6 ·03 / 7 ·93	7 ·38	5	16	Wed. 9	8 ·46	13 ·72	6
20	Thur. 11	7 ·20	4 ·89	6						17	Thur. 10	9 ·40	14 ·69	7
21	Fri. 12	8 ·13	5 ·84	7	19	Sun. 11	8 ·83	8 ·32	6	18	Fri. 11	10 ·36	15 ·69	8
22	Sat. 13	9 ·04 / 10 ·94	6 ·78	8	20	Mon. 12	9 ·73	9 ·25	7	19	Sat. 12	11 ·34	16 ·70	9
					21	Tues. 13	10 ·64	10 ·19	8	20	Sun. 13	12 ·35	17 ·75	10
23	Sun. 14	11 ·84	7 ·71	9	22	Wed. 14	11 ·55	11 ·13	9	21	Mon. 14	13 ·36	18 ·80	11
24	Mon. 15	12 ·74	8 ·63	10	23	Thur. 15	12 ·48	12 ·08	10	22	Tues. 15	14 ·41	19 ·88	12
25	Tues. 16	13 ·64	9 ·57	11	24	Fri. 16	13 ·43	13 ·05	11	23	Wed. 16	P ·47	20 ·97	13
26	Wed. 17	14 ·55	10 ·51	12	25	Sat. 17	14 ·40	14 ·04	12	24	Thur. 17	1 ·54	... ...	14
27	Thur. 18	P ·47	11 ·46	13	26	Sun. 18	P ·38	15 ·05	13	25	Fri. 18	2 ·62	21 ·07	15
28	Fri. 19	1 ·39	12 ·42	14	27	Mon. 19	1 ·37	16 ·07	14	26	Sat. 19	3 ·70	22 ·19	16
29	Sat. 20	2 ·35	13 ·40	15	28	Tues. 20	2 ·41	17 ·12	15	27	Sun. 20	4 ·78	23 ·29	17
—30	Sun. 21	3 ·31	14 ·39	16	29	Wed. 21	3 ·45	18 ·18	16	28	Mon. 21	5 ·84	24 ·39	18
1	Mon. 22	4 ·31	15 ·41	17	30	Thur. 22	4 ·52	19 ·27	17	29	Tues. 22	6 ·90	25 ·47	19
2	Tues. 23	5 ·31	16 ·44	18	—31	Fri. 23	5 ·59	20 ·37	18	30	Wed. 23	7 ·93	26 ·53	20
3	Wed. 24	6 ·34	17 ·50	19	1	Sat. 24	6 ·67	21 ·47	19	31	Thur. 24	8 ·95	27 ·58	21
4	Thur. 25	7 ·39	18 ·57	20	2	Sun. 25	7 ·75	22 ·58	20	—32	Fri. 25	9 ·92	1 ·61	22
5	Fri. 26	8 ·44	19 ·66	21	3	Mon. 26	8 ·83	23 ·68	21	1	Sat. 26	10 ·89	2 ·62	23
6	Sat. 27	9 ·53	20 ·76	22	4	Tues. 27	9 ·90	24 ·78	22	2	Sun. 27	11 ·85	3 ·60	24
7	Sun. 28	10 ·62	21 ·88	23	5	Wed. 28	10 ·94	25 ·86	23	3	Mon. 28	12 ·77	4 ·57	25
					6	Thur. 29	11 ·97	26 ·91	24	4	Tues. 29	13 ·69	5 ·52	26
					7	Fri. 30	12 ·98	27 ·95	25	5	Wed. 30	14 ·61	6 ·47	27

Īśvara. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H.* 491 *Śafar.*

Īśvara. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 491 *Rabī-ul awwal.*

Bahudhānya. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 491 *Jamādā'l awwal.*

Īśvara. **Mīna—Pangruni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 491 *Rabī-ul ākhir.*

Bahudhānya. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 491 *Jamādā'l ākhir.*

Bahudhānya. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H.* 491 *Rajab.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1098. **Kollam 274,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 492.** Commences **Nov. 28.** **Vikrama 1155.** **Bengal San. 504.** **(N. Cycle) Vṛisha.**

A—Amāvāsyā. **P—Pauruimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Thur.	1	—**A** ·51	7 ·41	28	6	Wed.	1	4 ·89	15 ·67	1	6	Mon.	1	5 ·22	21 ·58	3
7	Fri.	2	1 ·41	8 ·34	29	7	Thur.	2	5 ·88	16 ·37	2	7	Tues.	2	6 ·29	22 ·63	4
8	Sat.	3	2 ·31	9 ·27	—30	8	Fri.	3	6 ·87	17 ·69	3	8	Wed.	3	7 ·38	23 ·79	5
9	Sun.	4	3 ·21	10 ·20	1	9	Sat.	4	7 ·90	18 ·73	4	9	Thur.	4	8 ·47	24 ·90	6
10	Mon.	5	4 ·11	11 ·14	2	10	Sun.	5	8 ·94	19 ·79	5	10	Fri.	5	9 ·56	... ...	7
11	Tues.	6	5 ·03 6 ·95	12 ·09	3	11	Mon.	6	... ...	20 ·88	6	11	Sat.	6	10 ·63	25 ·00	8
12	Wed.	7	7 ·89	13 ·05	4	12	Tues.	7	9 ·00	21 ·98	7	12	Sun.	7	11 ·69	26 ·08	9
13	Thur.	8	8 ·85	14 ·02	5	13	Wed.	8	10 ·07	... ...	8	13	Mon.	8	12 ·73	27 ·15	10
14	Fri.	9	9 ·83	15 ·01	6	14	Thur.	9	11 ·16	22 ·08	9	14	Tues.	9	13 ·75	1 ·20	11
15	Sat.	10	10 ·83	16 ·03	7	15	Fri.	10	12 ·24	23 ·19	10	15	Wed.	10	14 ·73	2 ·23	12
16	Sun.	11	11 ·84	17 ·06	8	16	Sat.	11	13 ·32	24 ·29	11	16	Thur.	11	**P** ·71	3 ·24	13
17	Mon.	12	12 ·89	18 ·11	9	17	Sun.	12	14 ·40	25 ·39	12	17	Fri.	12	1 ·66	4 ·22	14
18	Tues.	13	13 ·95	19 ·18	10	18	Mon.	13	**P** ·46	26 ·47	13	18	Sat.	13	2 ·60	5 ·19	15
19	Wed.	14	... ...	20 ·27	11	19	Tues.	14	1 ·50	27 ·53	14	19	Sun.	14	3 ·53	6 ·15	16
20	Thur.	15	14 ·02	21 ·37	12	20	Wed.	15	2 ·52	1 ·57	15	20	Mon.	15	4 ·44	7 ·10	17
21	Fri.	16	**P** ·10	22 ·48	13	21	Thur.	16	3 ·51	2 ·58	16	21	Tues.	16	5 ·34	8 ·04 9 ·97	18
22	Sat.	17	1 ·19	23 ·59	14	22	Fri.	17	4 ·48	3 ·59	17	22	Wed.	17	6 ·24	10 ·90	19
23	Sun.	18	2 ·27	24 ·69	15	23	Sat.	18	5 ·44	4 ·57	18	23	Thur.	18	7 ·14	11 ·83	20
24	Mon.	19	3 ·32	25 ·77	16	24	Sun.	19	6 ·38	5 ·53	19	24	Fri.	19	8 ·05 9 ·96	12 ·78	21
25	Tues.	20	4 ·37	26 ·84	17	25	Mon.	20	7 ·30	6 ·48	20	25	Sat.	20	10 ·88	13 ·72	22
26	Wed.	21	5 ·41	27 ·90	18	26	Tues.	21	8 ·21	7 ·42	21	26	Sun.	21	11 ·82	14 ·68	23
27	Thur.	22	6 ·44	1 ·92	19	27	Wed.	22	9 ·11	8 ·36	22	27	Mon.	22	12 ·77	15 ·65	24
28	Fri.	23	7 ·42	2 ·94	20	28	Thur.	23	10 ·01 11 ·91	9 ·29	23	28	Tues.	23	13 ·73	16 ·63	25
29	Sat.	24	8 ·40	3 ·93	21	29	Fri.	24	12 ·81	10 ·22	24	29	Wed.	24	14 ·71	17 ·65	26
30	Sun.	25	9 ·35	4 ·90	22	30	Sat.	25	13 ·73	11 ·15	25	—29					
—31	Mon.	26	10 ·29	5 ·86	23	—31	Sun.	26	14 ·65	12 ·09	26	1	Thur.	25	—**A** ·73	18 ·68	27
1	Tues.	27	11 ·20	6 ·81	24	1	Mon.	27	—**A** ·58	13 ·04	27	2	Fri.	26	1 ·75	19 ·72	28
2	Wed.	28	12 ·11	7 ·75	25	2	Tues.	28	1 ·52	14 ·01 15 ·99	28	3	Sat.	27	2 ·80	20 ·79	—29
3	Thur.	29	13 ·01 14 ·91	8 ·68	26	3	Wed.	29	2 ·48	16 ·99	—29	4	Sun.	28	3 ·87	21 ·88	1
4	Fri.	30	—**A** ·81	9 ·61	27	4	Thur.	30	3 ·46	... ...	1	5	Mon.	29	4 ·95	22 ·98	2
5	Sat.	31	1 ·71	10 ·55	28							6	Tues.	30	... ...	... ...	3
	Aug.						**Oct.**						**Dec.**				
6	Sun.	1	2 ·62	11 ·48	—29	5	Fri.	1	4 ·47	17 ·00	2	7	Wed.	1	5 ·04	23 ·09	4
7	Mon.	2	3 ·54	12 ·42	1	6	Sat.	2	5 ·48	18 ·04	3	8	Thur.	2	6 ·14	24 ·20	5
8	Tues.	3	4 ·46	13 ·38	2	7	Sun.	3	6 ·53	19 ·11	4	9	Fri.	3	7 ·21	25 ·30	6
9	Wed.	4	5 ·40	14 ·35	3	8	Mon.	4	7 ·60	20 ·18	5	10	Sat.	4	8 ·28	26 ·38	7
10	Thur.	5	6 ·35	15 ·34	4	9	Tues.	5	8 ·67	21 ·28	6	11	Sun.	5	9 ·34	27 ·46	8
11	Fri.	6	7 ·34	16 ·35	5	10	Wed.	6	9 ·75	22 ·38	7	12	Mon.	6	10 ·37	1 ·52	9
12	Sat.	7	8 ·34	17 ·37	6	11	Thur.	7	10 ·83	23 ·48	8	13	Tues.	7	11 ·39	2 ·55	10
13	Sun.	8	9 ·36	18 ·42	7	12	Fri.	8	11 ·93	24 ·60	9	14	Wed.	8	12 ·37	3 ·56	11
14	Mon.	9	10 ·40	19 ·49	8	13	Sat.	9	... ...	25 ·69	10	15	Thur.	9	13 ·34	4 ·55	12
15	Tues.	10	11 ·46	20 ·57	9	14	Sun.	10	12 ·00	26 ·77	11	16	Fri.	10	14 ·28	5 ·53	13
16	Wed.	11	12 ·52	21 ·68	10	15	Mon.	11	13 ·05	27 ·84	12	17	Sat.	11	**P** ·22	6 ·49	14
17	Thur.	12	13 ·60	22 ·78	11	16	Tues.	12	14 ·09	1 ·88	13	18	Sun.	12	**P** 1 ·15	7 ·44	15
18	Fri.	13	14 ·69	23 ·89	12	17	Wed.	13	**P** ·11	2 ·91	14	19	Mon.	13	2 ·07 3 ·98	8 ·38	16
19	Sat.	14	**P** ·77	24 ·99	13	18	Thur.	14	1 ·10	3 ·91	15	20	Tues.	14	4 ·88	9 ·31	17
20	Sun.	15	1 ·85	... ...	14	19	Fri.	15	2 ·08	4 ·90	16	21	Wed.	15	5 ·78	10 ·24	18
21	Mon.	16	2 ·90	25 ·08	15	20	Sat.	16	3 ·04 4 ·98	5 ·86	17	22	Thur.	16	6 ·70	11 ·18	18
22	Tues.	17	3 ·94	26 ·16	16							23	Sri.	17	7 ·62	12 ·11	19
23	Wed.	18	4 ·96	27 ·22	17	21	Sun.	17	5 ·90	6 ·82	18	24	Fat.	18	8 ·54	13 ·05	20
24	Thur.	19	5 ·94	1 ·25	18	22	Mon.	18	6 ·82	7 ·76	19	25	Sun.	19	9 ·46	14 ·01 15 ·97	21
25	Fri.	20	6 ·92	2 ·26	19	23	Tues.	19	7 ·72	8 ·70	20	26	Mon.	20	10 ·41	16 ·97	22
26	Sat.	21	7 ·88	3 ·25	20	24	Wed.	20	8 ·62	9 ·63	21	27	Tues.	21	11 ·38	17 ·97	23
27	Sun.	22	8 ·81	4 ·24	21	25	Thur.	21	9 ·52	10 ·56	22	28	Wed.	22	12 ·37	18 ·99	24
28	Mon.	23	9 ·72	5 ·20	22	26	Fri.	22	10 ·43	11 ·49	23	29	Thur.	23	13 ·37	... ...	25
29	Tues.	24	10 ·63	6 ·15	23	27	Sat.	23	11 ·34	12 ·43	24	30	Fri.	24	14 ·41	18 ·03	26
30	Wed.	25	11 ·54	7 ·08	24	28	Sun.	24	12 ·26	13 ·39	25	—30	Sat.	25	—**A** ·45	20 ·10	27
—31	Thur.	26	12 ·45	8 ·01 9 ·95	25	29	Mon.	25	13 ·19	14 ·34	26	1	Sun.	26	1 ·52	21 ·18	28
1	Fri.	27	13 ·35	10 ·88	26	—30	Tues.	26	14 ·12	15 ·32	27	2	Mon.	27	2 ·60	22 ·28	29
2	Sat.	28	14 ·25	11 ·82	27	1	Wed.	27	—**A** ·10	16 ·31	28	3	Tues.	28	3 ·69	23 ·39	—30
3	Sun.	29	—**A** ·15	12 ·76	28	2	Thur.	28	1 ·08	17 ·32	29	4	Wed.	29	4 ·79	24 ·49	1
	Mon.	30	1 ·06	13 ·71	29	3	Fri.	29	2 ·09	18 ·36	—30	5	Thur.	30	5 ·87	25 ·60	2
	Tues.	31	2 ·00 3 ·94	14 ·68	—30	4	Sat.	30	3 ·10	19 ·41	1	6	Fri.	31	6 ·95	26 ·69	3
						5	Sun.	31	4 ·15	20 ·49	2	7					4

Bahudhānya. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* *H.* 491 *Śha'bān.* *Bahudhānya.* **Kanyā—Purattāśi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 491 *Shawwāl.* *Bahudhānya.* **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 491 *Zi-l-hijja.*

Bahudhānya. **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 491 *Ramaẓān.* *Bahudhānya.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 491 *Zi-l-ka'da.* *Bahudhānya.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H.* 492 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatob.

A.D. 1099. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·36.** **Śaka 1021.** **Kaliyuga 4200.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·32.** **(S. Cycle) Pramāthin.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Bahudhānya. **Makara—Tai.** 8	Sat. 1	7 ·99	27 ·77	5
9	Sun. 2	... ...	1 ·83	6
10	Mon. 3	*Sukla.* 8 ·01	2 ·87	7
11	Tues. 4	9 ·03	3 ·88	8
12	Wed. 5	10 ·02	4 ·88	9
13	Thur. 6	11 ·00	5 ·86	10
14	Fri. 7	12 ·94		
15	Sat. 8	**Māgha.** 13 ·87	6 ·83	11
16	Sun. 9	☽ 14 ·80	7 ·78	12
17	Mon. 10	1 ·72	8 ·71	13
18	Tues. 11	2 ·62	9 ·65	14
19	Wed. 12	3 ·52	10 ·59	15
20	Thur. 13	4 ·43	11 ·52	16
21	Fri. 14	5 ·34	12 ·45	17
22	Sat. 15	6 ·25	13 ·39	18
23	Sun. 16	*Bahula.* 7 ·16	14 ·34	19
24	Mon. 17	8 ·09	15 ·31	20
25	Tues. 18	9 ·04	16 ·29	21
26	Wed. 19	10 ·01	17 ·29	22
27	Thur. 20	11 ·00	18 ·31	23
28	Fri. 21	12 ·00	19 ·34	24
29	Sat. 22	12 ·04	20 ·40	25
1	Sun. 23	13 ·09	21 ·49	26
2	Mon. 24	14 ·16	22 ·58	27
3	Tues. 25	—**A** ·23	23 ·69	28
4	Wed. 26	1 ·32	24 ·79	29
5	Thur. 27	2 ·41	25 ·90	1
6	Fri. 28	3 ·49	... ...	2
7	Sat. 29	4 ·57	26 ·00	3
8	Sun. 30	5 ·61	27 ·08	4
9	Mon. 31	*Sukla.* 6 ·65	1 ·14	5
		7 ·65	2 ·18	6
	Feb.			
Bahudhānya. **Kumbha—Māgi.** 10	Tues. 1	8 ·64	3 ·20	7
11	Wed. 2	9 ·61	4 ·21	8
12	Thur. 3	10 ·55	5 ·19	9
13	Fri. 4	**Phālguna.** 11 ·49	6 ·16	10
14	Sat. 5	12 ·41	7 ·11	11
15	Sun. 6	13 ·33	8 ·05	12
16	Mon. 7	14 ·23	9 ·00	13
17	Tues. 8	☽ ·13	10 ·92	14
18	Wed. 9	1 ·03	11 ·85	
19	Thur. 10	2 ·93	12 ·79	15
20	Fri. 11	3 ·85	13 ·72	16
21	Sat. 12	4 ·77	14 ·67	17
22	Sun. 13	5 ·70	15 ·64	18
23	Mon. 14	*Bahula.* 6 ·65	16 ·62	19
24	Tues. 15	7 ·62	17 ·61	10
25	Wed. 16	8 ·60	18 ·62	21
26	Thur. 17	9 ·60	19 ·65	22
27	Fri. 18	10 ·64	20 ·72	23
28	Sat. 19	11 ·68	21 ·79	24
29	Sun. 20	12 ·75	22 ·88	25
—30	Mon. 21	13 ·84	23 ·98	26
1	Tues. 22	14 ·93	... ...	27
2	Wed. 23	... ...	24 ·09	28
3	Thur. 24	—**A** ·02	25 ·20	29
4	Fri. 25	1 ·10	26 ·30	—30
5	Sat. 26	*Sukla.* 2 ·16	27 ·39	1
6	Sun. 27	3 ·20	1 ·45	2
7	Mon. 28	4 ·24	2 ·50	3
		5 ·24	3 ·53	4
	March.			
Bahudhānya. **Mīna—Pangūni.** 8	Tues. 1	6 ·23	4 ·54	5
9	Wed. 2	7 ·19	5 ·52	6
10	Thur. 3	*Sukla.* 8 ·14	6 ·49	7
11	Fri. 4	9 ·07	7 ·45	8
12	Sat. 5	10 ·99	8 ·40	9
13	Sun. 6	11 ·91	9 ·33	10
14	Mon. 7	12 ·81	10 ·27	11
15	Tues. 8	**Chaitra.** 13 ·71	11 ·19	12
16	Wed. 19	☽ 14 ·61	12 ·12	13
17	Thur. 10	1 ·51	13 ·06	14
18	Fri. 11	1 ·42	14 ·01	
		2 ·33	15 ·97	15
19	Sat. 12	*Bahula.* 3 ·27	16 ·94	16
20	Sun. 13	4 ·22	17 ·93	17
21	Mon. 14	5 ·18	18 ·94	18
22	Tues. 15	6 ·16	19 ·98	19
23	Wed. 16	7 ·17	... ...	20
24	Thur. 17	8 ·20	20 ·03	21
25	Fri. 18	9 ·25	21 ·10	22
26	Sat. 19	10 ·31	22 ·18	23
27	Sun. 20	11 ·40	23 ·28	24
28	Mon. 21	12 ·49	24 ·40	25
29	Tues. 22	13 ·57	25 ·50	26
—30	Wed. 23	14 ·65	26 ·60	27
1	Thur. 24	—**A** ·71	27 ·69	28
2	Fri. 25	1 ·76	1 ·76	29
3	Sat. 26	2 ·79	2 ·82	1
4	Sun. 27	3 ·78	3 ·85	2
5	Mon. 28	4 ·77	4 ·86	3
6	Tues. 29	*Sukla.* 5 ·74	5 ·85	4
7	Wed. 30	6 ·68	6 ·82	5
8	Thur. 31	7 ·61	7 ·78	6
	April.			
Pramāthin. **Mēsha—Chittirai.** 9	Fri 1	8 ·54	8 ·73	7
10	Sat. 2	9 ·45	9 ·67	8
11	Sun. 3	10 ·36	10 ·60	9
12	Mon. 4	11 ·25	11 ·53	10
13	Tues. 5	12 ·14	12 ·46	11
14	Wed. 6	13 ·04	13 ·41	12
15	Thur. 7	**Adhika Vaiśākha.** 14 ·95	14 ·35	13
16	Fri. 8	☽ ·87	15 ·30	14
17	Sat. 9	1 ·80	16 ·27	15
18	Sun. 10	2 ·75	17 ·25	16
19	Mon. 11	3 ·71	18 ·27	17
20	Tues. 12	4 ·69	19 ·29	18
21	Wed. 13	5 ·70	20 ·34	19
22	Thur. 14	6 ·73	21 ·40	20
23	Fri. 15	7 ·77	22 ·48	21
24	Sat. 16	8 ·83	23 ·59	22
25	Sun. 17	9 ·92	24 ·70	23
26	Mon. 18	*Bahula.* 10 ·01	25 ·80	24
27	Tues. 19	11 ·08	26 ·90	25
28	Wed. 20	12 ·15	27 ·99	26
29	Thur. 21	13 ·22	... ...	27
30	Fri. 22	14 ·27	1 ·08	28
—31	Sat. 23	—**A** ·29	2 ·13	29
1	Sun. 24	1 ·30	3 ·17	30
2	Mon. 25	2 ·28	4 ·18	1
3	Tues. 26	*Sukla.* 3 ·26	5 ·18	2
4	Wed. 27	4 ·19	6 ·15	3
5	Thur. 28	5 ·12	7 ·12	4
6	Fri. 29	6 ·04	8 ·07	5
		7 ·95		
7	Sat. 30	8 ·85	9 ·01	6
			10 ·94	
	May.			
Pramāthin. **Vṛishabha—Vaigāsi.** 8	Sun. 1	9 ·75	11 ·87	7
9	Mon. 2	10 ·65	12 ·81	8
10	Tues. 3	11 ·55	13 ·74	9
11	Wed. 4	12 ·45	14 ·68	10
12	Thur. 5	13 ·37	15 ·63	11
13	Fri. 6	14 ·30	16 ·60	12
14	Sat. 7	☽ ·25	17 ·59	13
15	Sun. 8	1 ·21	18 ·59	14
16	Mon. 9	2 ·19	19 ·61	15
17	Tues. 10	3 ·19	20 ·65	16
18	Wed. 11	4 ·21	21 ·71	17
19	Thur. 12	5 ·25	22 ·80	18
20	Fri. 13	6 ·32	23 ·89	19
21	Sat. 14	7 ·41	24 ·99	20
22	Sun. 15	8 ·49	.. ...	21
23	Mon. 16	9 ·56	25 ·10	22
24	Tues. 17	10 ·63	26 ·20	23
25	Wed. 18	*Bahula.* 11 ·70	27 ·30	24
26	Thur. 19	12 ·75	1 ·38	25
27	Fri. 20	13 ·77	2 ·44	26
28	Sat. 21	14 ·79	3 ·48	27
29	Sun. 22	—**A** ·77	4 ·50	28
30	Mon. 23	1 ·75	5 ·50	—29
31	Tues. 24	2 ·69	6 ·49	1
—32	Wed. 25	3 ·62	7 ·45	2
1	Thur. 26	4 ·54	8 ·41	3
2	Fri. 27	5 ·44	9 ·35	4
3	Sat. 28	*Sukla.* 6 ·34	10 ·28	5
4	Sun. 29	7 ·24	11 ·22	6
5	Mon. 30	8 ·13	12 ·15	7
6	Tues. 31	9 ·03	13 ·08	8
		10 ·94		
	June.			
Pramāthin. **Mithuna—Āni.** 7	Wed. 1	11 ·85	14 ·02	
			15 ·97	9
8	Thur. 2	12 ·78	16 ·94	10
9	Fri. 3	13 ·73	17 ·91	11
10	Sat. 4	14 ·69	18 ·91	12
11	Sun. ○ 5	**Jyeshtha.** ☽ ·67	19 ·92	13
12	Mon. 6	1 ·67	20 ·96	14
13	Tues. 7	2 ·70	... ...	15
14	Wed. 8	3 ·74	21 ·02	16
15	Thur. 9	*Bahula.* 4 ·81	22 ·10	17
16	Fri. 10	5 ·88	23 ·19	18
17	Sat. 11	6 ·95	24 ·29	19
18	Sun. 12	... ...	25 ·40	20
19	Mon. 13	7 ·04	26 ·50	21
20	Tues. 14	8 ·12	27 ·61	22
21	Wed. 15	9 ·18	1 ·69	23
22	Thur. 16	10 ·23	2 ·75	24
23	Fri. 17	11 ·26	3 ·80	25
24	Sat. 18	12 ·27	4 ·82	26
25	Sun. 19	13 ·24	5 ·84	27
26	Mon. 20	14 ·21	6 ·82	28
27	Tues. 21	—**A** ·16	7 ·79	29
28	Wed. 22	1 ·09	8 ·74	—30
29	Thur. 23	2 ·01	9 ·68	1
		3 ·92		
30	Fri. 24	*Sukla.* 4 ·82	10 ·63	2
—31	Sat. 25	5 ·72	11 ·56	3
1	Sun. 26	6 ·62	12 ·49	4
2	Mon. 27	7 ·52	13 ·42	5
3	Tues. 28	8 ·43	14 ·35	6
4	Wed. 29	9 ·34	15 ·31	7
5	Thur. 30	10 ·27	16 ·27	8

H. 492 Safar. — *H. 492 Rabi-ul ākhir.* — *H. 492 Rabi-ul awwal.* — *H. 492 Jamāda'l awwal.* — *H. 492 Rajab.* — *H. 492 Sha'bān.* — *H. 492 Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

08342

A.D. 1099. **Kollam 275,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 493.** Commences **Nov. 17.** **Vikrama 1156.** **Bengal San. 505.** **(N. Cycle) Chitrabhānu.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
						Pramāthin.											
						Kanyā—Purattāsi.						*Pramāthin.*					
Pramāthin.																	
Karkataka—Ādi.																	
6	Fri.	1	11 ·21	17 ·24	9	5	Thur.	1	14 ·39	24 ·20	12	6	Tues.	1	... ...	3 ·37	14
7	Sat.	2	12 ·17	18 ·23	10	6	Fri.	2	P ·47	25 ·30	13	7	Wed.	2	1 ·02	4 ·41	15
8	Sun.	3	13 ·15	19 ·24	11	7	Sat.	3	1 ·55	26 ·41	14	8	Thur.	3	2 ·03	5 ·44	16
9	Mon.	4	14 ·15	20 ·27	12	8	Sun.	4	2 ·63	27 ·51	15	9	Fri.	4	3 ·01	6 ·46	17
10	Tues.	5	P ·16	21 ·33	13	9	Mon.	5	3 ·71	1 ·60	16				4 ·99		
11	Wed.	6	1 ·21	22 ·40	14	10	Tues.	6	4 ·77	2 ·69	17	10	Sat.	5	5 ·94	7 ·44	18
12	Thur.	7	2 ·28	23 ·49	15	11	Wed.	7	5 ·80	3 ·75	18	11	Sun.	6	6 ·88	8 ·41	19
13	Fri.	8	3 ·35	24 ·59	16	12	Thur.	8	6 ·82	4 ·79	19	12	Mon.	7	7 ·81	9 ·37	20
14	Sat.	9	4 ·43	25 ·69	17	13	Fri.	9	7 ·80	5 ·80	20	13	Tues.	8	8 ·73	10 ·31	21
15	Sun.	10	5 ·51	26 ·81	18	14	Sat.	10	8 ·77	6 ·80	21	14	Wed.	9	9 ·62	11 ·26	22
16	Mon.	11	6 ·59	27 ·91	19	15	Sun.	11	9 ·73	7 ·78	22	15	Thur.	10	10 ·53	12 ·19	23
17	Tues.	12	7 ·66	... ...	20	16	Mon.	12	10 ·67	8 ·75	23	16	Fri.	11	11 ·43	13 ·12	24
18	Wed.	13	8 ·71	1 ·00	21	17	Tues.	13	11 ·60	9 ·70	24						
19	Thur.	14	9 ·74	2 ·06	22	18	Wed.	14	12 ·51	10 ·64	25	17	Sat.	12	12 ·33	14 ·05	25
20	Fri.	15	10 ·75	3 ·11	23	19	Thur.	15	13 ·41	11 ·57	26					15 ·98	
21	Sat.	16	11 ·74	4 ·15	24	20	Fri.	16	14 ·31	12 ·50	27	18	Sun.	13	13 ·24	16 ·94	26
22	Sun.	17	12 ·71	5 ·16	25	21	Sat.	17	—A ·21	13 ·44	28	19	Mon.	14	14 ·16	17 ·89	27
23	Mon.	18	13 ·66	6 ·15	26	22	Sun.	18	1 ·11	14 ·37	29	20	Tues.	15	—A 10	18 ·86	28
24	Tues.	19	14 ·59	7 ·12	27							21	Wed.	16	1 ·05	19 ·85	—29
25	Wed.	20	—A ·51	8 ·07	28	23	Mon.	19	2 ·01	15 ·31	1	22	Thur.	17	2 ·01	20 ·86	1
				9 ·03					3 ·94			23	Fri.	18	3 ·01	21 ·90	2
26	Thur.	21	1 ·42	10 ·97	—29	24	Tues.	20	4 ·87	16 ·26	2	24	Sat.	19	4 ·01	22 ·94	3
27	Fri.	22	2 ·32	11 ·90	1	25	Wed.	21	5 ·82	17 ·22	3	25	Sun.	20	5 ·05	... ...	4
28	Sat.	23	3 ·22	12 ·83	2	26	Thur.	22	6 ·77	18 ·21	4	26	Mon.	21	6 ·10	23 ·01	5
29	Sun.	24	4 ·12	13 ·76	3	27	Fri.	23	7 ·76	19 ·21	5	27	Tues.	22	7 ·17	24 ·10	6
						28	Sat.	24	8 ·76	20 ·22	6	28	Wed.	23	8 ·24	25 ·19	7
30	Mon.	25	5 ·02	14 ·69	4	29	Sun.	25	9 ·78	21 ·26	7	29	Thur.	24	9 ·33	26 ·30	8
			6 ·93			—30	Mon.	26	10 ·84	22 ·32	8	—30	Fri.	25	10 ·42	27 ·42	9
31	Tues.	26	7 ·84	15 ·64	5	1	Tues.	27	11 ·90	23 ·40	9	1	Sat.	26	11 ·50	1 ·52	10
—32	Wed.	27	8 ·77	16 ·60	6	2	Wed.	28	12 ·97	24 ·50	10	2	Sun.	27	12 ·57	2 ·60	11
1	Thur.	28	9 ·70	17 ·59	7	3	Thur.	29	... ...	25 ·60	11	3	Mon.	28	13 ·62	3 ·68	12
2	Fri.	29	10 ·67	18 ·55	8	4	Fri.	30	13 ·07	26 ·70	12	4	Tues.	29	14 ·66	4 ·73	13
3	Sat.	30	11 ·65	19 ·56	9							5	Wed.	○30	P ·67	5 ·77	14
4	Sun.	31	12 ·66	20 ·59	10												
	Aug.						**Oct.**						**Dec.**				
						Pramāthin.											
						Tula—Aippaśi.						*Pramāthin.*					
Pramāthin.																	
Simha—Āvani.																	
5	Mon.	1	13 ·67	21 ·64	11	5	Sat.	1	14 15	27 ·81	13	6	Thur.	1	1 ·66	6 ·78	15
6	Tues.	2	14 ·72	22 71	12	6	Sun.	2	P ·23	1 ·91	14	7	Fri.	2	2 ·64	7 ·77	16
7	Wed.	3	P ·78	23 ·79	13	7	Mon.	3	1 ·30	... ...	15	8	Sat.	3	3 ·58	8 ·74	17
8	Thur.	4	1 ·86	24 ·89	14	8	Tues.	4	2 ·36	2 ·00	16	9	Sun.	4	4 ·52	9 ·70	18
9	Fri.	5	2 ·95	... ...	15	9	Wed.	5	3 ·39	3 ·06	17	10	Mon.	5	5 ·45	10 ·66	19
10	Sat.	6	... ...	25 ·00	16	10	Thur.	6	4 ·41	4 ·10	18	11	Tues.	6	6 ·36	11 ·60	20
11	Sun.	7	3 ·03	26 ·11	17	11	Fri.	7	5 ·39	5 ·12	19	12	Wed.	7	7 ·26	12 ·53	21
12	Mon.	8	4 ·11	27 ·21	18	12	Sat.	8	6 ·37	6 ·12	20	13	Thur.	8	8 ·16	13 ·46	22
13	Tues.	9	5 ·17	1 ·30	19	13	Sun.	9	7 ·33	7 ·12	21				9 ·06		
14	Wed.	10	6 ·23	2 ·37	20	14	Mon.	10	8 ·27	8 ·08	22	14	Fri.	9	10 ·97	14 ·39	23
15	Thur.	11	7 ·25	3 ·44	21	15	Tues.	11	9 ·19	9 ·04	23					10 ·98	
16	Fri.	12	8 ·26	4 ·47	22							15	Sat.	10	11 ·88	15 ·33	24
17	Sat.	13	9 ·25	5 ·48	23	16	Wed.	12	10 ·10	11 ·91	24	16	Sun.	11	12 ·81	16 ·27	25
18	Sun.	14	10 ·22	6 ·47	24	17	Thur.	13	11 ·00	12 ·85	25	17	Mon.	12	13 ·74	17 ·23	26
19	Mon.	15	11 ·18	7 ·45	25				12 ·90			18	Tues.	13	14 ·69	18 ·19	27
20	Tues.	16	12 ·11	8 ·42	26	18	Fri.	14	13 ·80	13 ·78	26	19	Wed.	14	—A ·67	19 ·18	28
			13 ·04			19	Sat.	15	14 ·71	14 ·71	27	20	Thur.	15	1 ·65	20 ·18	29
21	Wed.	17	14 ·94	9 ·36	27	20	Sun.	16	—A ·62	15 ·65	28	21	Fri.	16	2 ·66	21 ·21	—30
22	Thur.	18	—A ·84	10 ·30	28	21	Mon.	17	1 ·54	16 ·60	29	22	Sat.	17	3 ·70	22 ·25	1
23	Fri.	19	1 ·74	11 ·23	29	22	Tues.	18	2 ·48	17 ·56	—30	23	Sun.	18	4 ·74	23 ·32	2
24	Sat.	20	2 ·64	12 ·16	—30	23	Wed.	19	3 ·42	18 ·54	1	24	Mon.	19	5 ·81	24 ·40	3
25	Sun.	21	3 ·55	13 ·09	1	24	Thur.	20	4 ·36	19 ·53	2	25	Tues.	20	6 ·89	25 ·49	4
				14 ·04		25	Fri.	21	5 ·37	20 ·54	3	26	Wed.	21	7 ·89	26 ·61	5
26	Mon.	22	4 ·46	15 ·98	2	26	Sat.	22	6 ·38	21 ·57	4	27	Thur.	22	... ...	27 ·71	6
27	Tues.	23	5 ·37	16 ·93	3	27	Sun.	23	7 ·40	22 ·64	5	28	Fri.	23	8 ·08	1 ·82	7
28	Wed.	24	6 ·30	17 ·90	4	28	Mon.	24	8 ·45	23 ·71	6	—29	Sat.	24	9 ·16	2 ·91	8
29	Thur.	25	7 ·24	18 ·88	5	29	Tues.	25	9 ·51	24 ·80	7	*Pramāthin.*					
30	Fri.	26	8 ·20	19 ·89	6	—30	Wed.	26	10 ·59	25 ·90	8						
—31	Sat.	27	9 ·18	20 ·91	7	1	Thur.	27	11 ·68	... ...	9	**Makara—Tai.**					
1	Sun.	28	10 ·18	21 ·95	8	2	Fri.	28	12 ·77	26 ·00	10	1	Sun.	25	10 ·22	3 ·98	9
2	Mon.	29	11 ·20	... ...	9	3	Sat.	29	13 ·85	27 ·11	11	2	Mon.	26	11 ·27	... ...	10
3	Tues.	30	12 ·25	22 ·01	10	4	Sun.	30	14 ·92	1 ·22	12	3	Tues.	27	12 ·30	4 ·05	11
4	Wed.	31	13 ·31	23 ·09	11	5	Mon.	31	**Kārttika.** P ·98	2 ·30	13	4	Wed.	28	13 ·31	5 ·09	12
												5	Thur.	29	14 ·31	6 ·10	13
												6	Fri.	30	P ·28	7 ·10	14
												7	Sat.	31	1 ·23	8 ·07	15
																Pausha.	

Bahula. *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

H. 492 Śhaʿbān. *H. 492 Shawwāl.* *H. 492 Ramażān.* *H. 492 Zi-l-ka'da.* *H. 492 Zi-l-hijja.* *H. 493 Muharram.* *H. 493 Ṣafar.*

Bhād. **Śrāvaṇa.** **Āshādha.** **Ārdrā.** **Punarvasu.** **Pushya.** **Āśleshā.** **Maghā.** **Pūrva Phal.** **Uttara Phal.** **Hasta.** **Chit.** **Svāti.** **Viśāk.** **Anur.** **Jyesh.** **Mūla.** **P. Ash.** **U. Ash.** **Śrav.** **Dhani.** **Śatab.**

A.D. 1100. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·61.** **Śaka 1022.** **Kaliyuga 4201.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·56.** **(S. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pramāthin. **Makara—Tai.** 8	Sun.	1	2 ·16	9 ·05 / 10 ·99	16	9	Thur.	1	4 ·80	15 ·34	17	9	Tues.	1	6 ·52	22 ·83	19
						10	Fri.	2	5 ·71	16 ·28	18	10	Wed.	2	7 ·51	23 ·87	20
9	Mon.	2	3 ·08 / 4 ·99	11 ·93	17	11	Sat.	3	6 ·64	17 ·22	19	11	Thur.	3	8 ·55	24 ·93	21
						12	Sun.	4	7 ·57	18 ·19	20	12	Fri.	4	9 ·60	... ...	22
10	Tues.	3	5 ·90	12 ·87	18	13	Mon.	5	8 ·53	19 ·16	21	13	Sat.	5	10 ·66	25 ·01	23
11	Wed.	4	6 ·80	13 ·80	19	14	Tues.	6	9 ·49	20 ·15	22	14	Sun.	6	11 ·74	26 ·10	24
12	Thur.	5	7 ·70	14 ·74	20	15	Wed.	7	10 ·48	21 ·16	23	15	Mon.	7	12 ·83	27 ·21	25
13	Fri.	6	8 ·61	15 ·67	21	16	Thur.	8	11 ·48	22 ·19	24	16	Tues.	8	13 ·91	1 ·32	26
14	Sat.	7	9 ·52	16 ·61	22	17	Fri.	9	12 ·52	23 ·25	25	17	Wed.	9	14 ·98	2 ·42	27
15	Sun.	8	10 ·45	17 ·56	23	18	Sat.	10	13 ·57	24 ·32	26	18	Thur.	10	... ...	3 ·52	28
16	Mon.	9	11 ·38	18 ·52	24	19	Sun.	11	14 ·64	25 ·40	27	19	Fri.●	11	A ·05	4 ·59	—29
17	Tues.	10	12 ·33	19 ·50	25	20	Mon.	12	A ·72	26 ·50	28	20	Sat.	12	1 ·08	5 ·66	1
18	Wed.	11	13 ·30	20 ·51	26	21	Tues.	13	1 ·80	27 ·61	—29	21	Sun.	13	2 ·11	6 ·70	2
19	Thur.	12	14 ·29	21 ·53	27	22	Wed.	14	2 ·88	1 ·72	1	22	Mon.	14	3 ·11	7 ·72	3
20	Fri.	13	A ·30	22 ·56	28	23	Thur.	15	3 ·96	2 ·82	2	23	Tues.	15	4 ·10	8 ·72	4
21	Sat.	14	1 ·34	23 ·62	—29	24	Fri.	16	... ...	3 ·91	3	24	Wed.	16	5 ·06	9 ·70	5
22	Sun.	15	2 ·39	24 ·70	1	25	Sat.	17	4 ·02	4 ·98	4	25	Thur.	17	6 ·01 / 7 ·94	10 ·67	6
23	Mon.	16	3 ·45	25 ·80	2	26	Sun.	18	5 ·07	... ...	5						
24	Tues.	17	4 ·53	26 ·91	3	27	Mon.	19	6 ·09	5 ·03	6	26	Fri.	18	8 ·85	11 ·63	7
25	Wed.	18	5 ·62	... ...	4	28	Tues.	20	7 ·10	6 ·06	7	27	Sat.	19	9 ·76	12 ·57	8
26	Thur.	19	6 ·71	27 ·02	5	29	Wed.	21	8 ·08	7 ·08	8	28	Sun.	20	10 ·66	13 ·50	9
27	Fri.	20	7 ·79	1 ·12	6	30	Thur.	22	9 ·05 / 10 ·99	8 ·07	9	29	Mon.	21	11 ·56	14 ·43	10
28	Sat.	21	8 ·86	2 ·21	7							30	Tues.	22	12 ·46	15 ·37	11
—29	Sun.	22	9 ·92	3 ·30	8	—31	Fri.	23	11 ·93	9 ·04	10	31	Wed.	23	13 ·36	16 ·30	12
1	Mon.	23	10 ·93	4 ·36	9					10 ·00		—32	Thur.	24	14 ·26	17 ·24	13
2	Tues.	24	11 ·94	5 ·40	10	1	Sat.	24	12 ·85	11 ·94	11	1	Fri.○	25	P ·17	18 ·19	14
3	Wed.	25	12 ·93	6 ·42	11	2	Sun.	25	13 ·75	12 ·89	12	2	Sat.	26	1 ·10	19 ·15	15
4	Thur.	26	13 ·90	7 ·42	12	3	Mon.	26	14 ·65	13 ·82	13	3	Sun.	27	2 ·05	20 ·12	16
5	Fri.	27	14 ·84	8 ·41	13	4	Tues.	27	P ·55	14 ·75	14						
6	Sat.	28	P ·78	9 ·38	14	5	Wed.	28	1 ·45	15 ·68	15	4	Mon.	28	3 ·02 / 4 ·99	21 ·12	17
7	Sun.	29	1 ·70	10 ·33	15	6	Thur.	29	2 ·35	16 ·62	16	5	Tues.	29	... ...	22 ·14	18
8	Mon.	30	2 ·61	11 ·27	16	7	Fri.	30	3 ·26	17 ·57	17	6	Wed.	30	5 ·01	23 ·18	19
9	Tues.	31	3 ·51	12 ·20	17	8	Sat.	31	4 ·18	18 ·52	18	7	Thur.	31	6 ·03	24 ·23	20
	Feb.						**April.**						**June.**				
Pramāthin. **Kumbha—Māgi.** 10	Wed.	1	4 ·41	13 ·13	18	9	Sun.	1	5 ·11	19 ·49	19	8	Fri.	1	7 ·08	25 ·31	21
11	Thur.	2	5 ·31	14 ·07	19	10	Mon.	2	6 ·07	20 ·47	20	9	Sat.	2	8 ·13	26 ·41	22
12	Fri.	3	6 ·22	15 ·01 / 16 ·94	20	11	Tues.	3	7 ·03	21 ·48	21	10	Sun.	3	9 ·21	27 ·51	23
13	Sat.	4	7 ·13	17 ·89	21	12	Wed.	4	8 ·01	22 ·51	22	11	Mon.	4	10 ·30	1 ·62	24
14	Sun.	5	8 ·06 / 9 ·99	18 ·85	22	13	Thur.	5	9 ·01	23 ·56	23	12	Tues.	5	11 ·39	2 ·72	25
15	Mon.	6	10 ·95	19 ·84	23	14	Fri.	6	10 ·05	24 ·62	24	13	Wed.	6	12 ·47	3 ·82	26
16	Tues.	7	11 ·91	20 ·83	24	15	Sat.	7	11 ·10	25 ·70	25	14	Thur.	7	13 ·52	4 ·91	27
17	Wed.	8	12 ·89	21 ·84	25	16	Sun.	8	12 ·17	26 ·80	26	15	Fri.	8	14 ·57	5 ·97	28
18	Thur.	9	13 ·90	22 ·88	26	17	Mon.	9	13 ·25	27 ·91	27	16	Sat.	9	A ·59	... ...	29
19	Fri.	10	14 ·95	23 ·93	27	18	Tues.	10	14 ·32	... ...	28	17	Sun.	10	1 ·59	6 ·02	—30
20	Sat.	11	... ...	... ...	28	19	Wed.	11	A ·41	1 ·02	29	18	Mon.	11	2 ·58	7 ·04	1
21	Sun.	12	A ·00	24 ·01	29	20	Thur.	12	1 ·48	2 ·12	—30	19	Tues.	12	3 ·53	8 ·05	2
22	Mon.	13	1 ·07	25 ·10	—30	21	Fri.	13	2 ·55	3 ·21	1	20	Wed.	13	4 ·48	9 ·04	3
23	Tues.	14	2 ·15	26 ·20	1	22	Sat.	14	3 ·60	4 ·29	2					10 ·01	
24	Wed.	15	3 ·24	27 ·31	2	23	Sun.	15	4 ·62	5 ·34	3	21	Thur.	14	5 ·42	11 ·96	4
25	Thur.	16	4 ·33	1 ·42	3	24	Mon.	16	5 ·62	6 ·39	4	22	Fri.	15	6 ·33	12 ·90	5
26	Fri.	17	5 ·40	2 ·52	4	25	Tues.	17	6 ·61	7 ·40	5	23	Sat.	16	7 ·24	13 ·84	6
27	Sat.	18	6 ·46	3 ·61	5	26	Wed.	18	7 ·57	8 ·40	6	24	Sun.	17	8 ·15	14 ·78	7
28	Sun.	19	7 ·51	4 ·67	6	27	Thur.	19	8 ·51	9 ·37	7						
29	Mon.	20	8 ·53	5 ·72	7	28	Fri.	20	9 ·44	10 ·33	8	25	Mon.	18	9 ·04 / 10 ·93	15 ·71	8
30	Tues.	21	9 ·54	6 ·74	8	29	Sat.	21	10 ·35	11 ·29	9	26	Tues.	19	11 ·83	16 ·64	9
1	Wed.	22	10 ·52	7 ·75	9	—30	Sun.	22	11 ·26	12 ·23	10	27	Wed.	20	12 ·74	17 ·57	10
2	Thur.	23	11 ·49	8 ·74	10	1	Mon.	23	12 ·16	13 ·16	11	28	Thur.	21	13 ·65	18 ·52	11
3	Fri.	24	12 ·44	9 ·71	11	2	Tues.	24	13 ·06 / 14 ·96	14 ·09	12	29	Fri.	22	14 ·58	19 ·48	12
4	Sat.	25	13 ·37	10 ·66	12	3	Wed.	25	P ·86	15 ·02 / 16 ·96	13	30	Sat.	23	P ·54	20 ·46	13
5	Sun.	26	14 ·29	11 ·61	13	4	Thur.	26	1 ·77	17 ·90	14	—31	Sun.	24	1 ·50	21 ·45	14
6	Mon.	27	P ·20	12 ·54	14	5	Fri.	27	2 ·69	18 ·85	15	1	Mon.	25	2 ·47	22 ·46	15
7	Tues.	28	1 ·10	13 ·48	15	6	Sat.	28	3 ·62	19 ·82	16	2	Tues.	26	3 ·48	23 ·49	16
8	Wed.	29	2 ·00 / 3 ·90	14 ·41	16	7	Sun.	29	4 ·57	20 ·80	17	3	Wed.	27	4 ·51	24 ·54	17
						8	Mon.	30	5 ·54	21 ·81	18	4	Thur.	28	5 ·54	25 ·62	18
												5	Fri.	29	6 ·60	26 ·71	19
												6	Sat.	30	7 ·69	27 ·91	20

Pramāthin. **Mīna—Pāṅguni.** *Vikrama.* **Vṛish.—Vaigāsi.** *Vikrama.* **Kark.—Āḍi.**

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1100.
A—Amâvâsyâ.
P—Paurnimâ.

Kollam 276, Commences { **N. Malabar—Aug.** / **S. Malabar—July.**

Hijra 494. Commences **Nov. 6.**

Vikrama 1157.
Bengal San. 506.
(N. Cycle) Subhânu.

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
7	SUN. 1	8 ·77	1 ·92	21 (H. 493 Sha'bân)
8	Mon. 2	9 ·85	... ...	22
9	Tues. 3	10 ·92 (Bahula)	2 ·02	23
10	Wed. 4	11 ·99	3 ·13	24
11	Thur. 5	... ...	4 ·22	25
12	Fri. 6	12 ·03	5 ·28	26
13	Sat. 7	13 ·07	6 ·33	27
14	SUN. 8	14 ·08	7 ·36	28
15	Mon. 9	—A ·06	8 ·37	—29
16 (Vikrama. Karkataka—Âdi.)	Tues. 10	1 ·02; 2 ·97	9 ·36	1
17	Wed. 11	3 ·91	10 ·34	2
18	Thur. 12	4 ·83	11 ·29	3
19	Fri. 13	5 ·73	12 ·24	4
20	Sat. 14	6 ·63 (Sukla)	13 ·17	5
21	SUN. 15	7 ·53	14 ·11	6
22	Mon. 16	8 ·43	15 ·04; 16 ·97	7 (Ramazân)
23	Tues. 17	9 ·33	17 ·91	8
24	Wed. 18	10 ·23	18 ·85	9
25	Thur. 19	11 ·15	19 ·82	10
26	Fri. 20	12 ·08	20 ·79	11
27	Sat. 21	13 ·03; 14 ·99	21 ·77	12
28	SUN. 22	P ·97	22 ·78	13
29	Mon. 23	1 ·97 (Śrâvaṇa.)	23 ·80	14
30	Tues. 24	2 ·99	24 ·86	15
31	Wed. 25	... ...	25 ·93	16
—32	Thur. 26	3 ·04	... ...	17
1	Fri. 27	4 ·11	26 ·01	18
2	Sat. 28	5 ·18 (Bahula)	27 ·11	19
3	SUN. 29	6 ·25	1 ·21	20
4	Mon. 30	7 ·34	2 ·33	21
5	Tues. 31	8 ·43	3 ·43	22
	Aug.			
6	Wed. 1	9 ·50	4 ·52	23
7	Thur. 2	10 ·54	5 ·59	24
8	Fri. 3	11 ·57	6 ·65	25
9	Sat. 4	12 ·58	7 ·68	26
10	SUN. 5	13 ·56	8 ·70	27
11	Mon. 6	14 ·53	9 ·69	28
12 (Vikrama. Simha—Âvaṇi.)	Tues. 7	—A ·49	10 ·67	29
13	Wed. 8	1 ·43	11 ·63	—30
14	Thur. 9	2 ·34 (Sukla)	12 ·57	1
15	Fri. 10	3 ·25	13 ·52	2
16	Sat. 11	4 ·15	14 ·45	3
17	SUN. 12	5 ·05; 6 ·95	15 ·38	4
18	Mon. 13	7 ·85	16 ·31	5
19	Tues. 14	8 ·76	17 ·25	6
20	Wed. 15	9 ·67	18 ·20	7
21	Thur. 16	10 ·60	19 ·15	8 (H. 493 Shawwâl)
22	Fri. 17	11 ·55	20 ·12	9
23	Sat. 18	12 ·51 (Bhâdrapada.)	21 ·10	10
24	SUN. 19	13 ·50	22 ·10	11
25	Mon. 20	14 ·50	23 ·13	12
26	Tues. 21	P ·53	24 ·17	13
27	Wed. 22	1 ·57	25 ·23	14
28	Thur. 23	2 ·63	26 ·31	15
29	Fri. 24	3 ·70	27 ·41	16
30	Sat. 25	4 ·78	1 ·51	17
—31	SUN. 26	5 ·87	2 ·63	18
1	Mon. 27	6 ·95	3 ·73	19
2	Tues. 28	... ... (Bahula)	4 ·82	20
3	Wed. 29	7 ·03	5 ·90	21
4	Thur. 30	8 ·07	6 ·96	22
5	Fri. 31	9 ·11	... ...	23

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
6	Sat. 1	10 ·12	7 ·01	24
7	SUN. 2	11 ·10	8 ·02	25
8	Mon. 3	12 ·06	9 ·02	26
9	Tues. 4	13 ·02; 14 ·97	10 ·00; 11 ·96	27
10	Wed. 5	—A ·88	12 ·92	28
11	Thur. 6	1 ·79	13 ·86	—29
12	Fri. 7	2 ·70	14 ·79	1
13 (Vikrama. Kanyâ—Puraṭṭâśi.)	Sat. 8	3 ·60	15 ·72	2
14	SUN. 9	4 ·50	16 ·65	3
15	Mon. 10	5 ·40	17 ·59	4
16	Tues. 11	6 ·31 (Sukla)	18 ·53	5
17	Wed. 12	7 ·22	19 ·48	6
18	Thur. 13	8 ·17	20 ·44	7
19	Fri. 14	9 ·12	21 ·42	8
20	Sat. 15	10 ·08	22 ·43	9
21	SUN. 16	11 ·06	23 ·44	10
22	Mon. 17	12 ·06	24 ·48	11
23	Tues. 18	13 ·09	25 ·54	12
24	Wed. 19	14 ·13 (Âśvina.)	26 ·61	13
25	Thur. 20	P ·20	27 ·71	14 (H. 493 Zi-l-ka'da)
26	Fri. 21	1 ·28	1 ·82	15
27	Sat. 22	2 ·36	2 ·93	16
28	SUN. 23	3 ·44	... ...	17
29	Mon. 24	4 ·52	3 ·03	18
—30	Tues. 25	5 ·61 (Bahula)	4 ·13	19
1	Wed. 26	6 ·65	5 ·21	20
2	Thur. 27	7 ·69	6 ·28	21
3	Fri. 28	8 ·70	7 ·32	22
4	Sat. 29	9 ·69	8 ·34	23
5	SUN. 30	10 ·65	9 ·34	24
	Oct.			
6	Mon. 1	11 ·62	10 ·33	25
7	Tues. 2	12 ·55	11 ·30	26
8	Wed. 3	13 ·47	12 ·25	27
9	Thur. 4	14 ·39	13 ·20	28
10 (Vikrama. Tulâ—Aippaśi.)	Fri. 5	—A ·29	14 ·13	29
11	Sat. 6	1 ·19	15 ·06	—30
12	SUN. 7	2 ·09; 3 ·99	16 ·00; 17 ·93	1
13	Mon. 8	4 ·90	18 ·87	2
14	Tues. 9	5 ·82	19 ·81	3
15	Wed. 10	6 ·75	20 ·77	4
16	Thur. 11	7 ·69 (Sukla)	21 ·75	5
17	Fri. 12	8 ·67	22 ·75	6
18	Sat. 13	9 ·65	23 ·76	7
19	SUN. 14	10 ·67	24 ·79	8
21	Mon. 15	11 ·69	25 ·85	9
20	Tues. 16	12 ·73	26 ·92	10 (H. 493 Zi-l-hijja)
22	Wed. 17	13 ·81 (Kârttika.)	... ...	11
23	Thur. 18	14 ·88	27 ·02	12
24	Fri. 19	P ·97	1 ·12	13
25	Sat. 20	... ...	2 ·22	14
26	SUN. 21	1 ·06	3 ·33	15
27	Mon. 22	2 ·15	4 ·43	16
28	Tues. 23	3 ·21	5 ·52	17
29	Wed. 24	4 ·26	6 ·59	18
—30	Thur. 25	5 ·31	7 ·64	19
1	Fri. 26	6 ·31	8 ·66	20
2	Sat. 27	7 ·30 (Bahula)	9 ·67	21
3	SUN. 28	8 ·26	10 ·66	22
4	Mon. 29	9 ·22	11 ·63	23
5	Tues. 30	10 ·17	12 ·59	24
6	Wed. 31	11 ·09	13 ·53	25

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
7	Thur. 1	12 ·00; 13 ·90	14 ·47	26
8	Fri. 2	14 ·80	15 ·41	27
9	Sat. 3	—A ·70	16 ·34	28
10	SUN. 4	1 ·61	17 ·27	29
11	Mon. 5	2 ·53	18 ·20	—30
12	Tues. 6	3 ·45	19 ·15	1
13 (Vikrama. Vṛiśchika—Kârttigai.)	Wed. 7	4 ·37	20 ·10	2
14	Thur. 8	5 ·33	21 ·08	3
15	Fri. 9	6 ·30 (Sukla)	22 ·07	4
16	Sat. 10	7 ·28	23 ·08	5
17	SUN. 11	8 ·30	24 ·11	6
18	Mon. 12	9 ·33	25 ·15	7
19	Tues. 13	10 ·38	26 ·23	8
20	Wed. 14	11 ·44	27 ·32	9
21	Thur. 15	12 ·53 (Mârgaśîrsha.)	1 ·42	10
22	Fri. 16	13 ·62	2 ·52	11
23	Sat. 17	14 ·71	3 ·63	12
24	SUN. ○ 18	P ·80	4 ·74	13
25	Mon. 19	1 ·86	5 ·82	14 (H. 494 Muharram)
26	Tues. 20	2 ·91	6 ·90	15
27	Wed. 21	3 ·93	7 ·95	16
28	Thur. 22	4 ·95	8 ·98	17
29	Fri. 23	5 ·94	... ...	18
—30	Sat. 24	6 ·91	9 ·00; 10 ·99	19
1	SUN. 25	7 ·87 (Bahula)	11 ·96	20
2	Mon. 26	8 ·79	12 ·92	21
3	Tues. 27	9 ·71	13 ·87	22
4	Wed. 28	10 ·63	14 ·81	23
5	Thur. 29	11 ·54	15 ·75	24
6	Fri. 30	12 ·45	16 ·68	25
	Dec.			
7	Sat. 1	13 ·35	17 ·61	26
8	SUN. 2	14 ·25	18 ·54	27
9	Mon. 3	—A ·16	19 ·48	28
10	Tues. 4	1 ·09	20 ·45	29
11	Wed. 5	2 ·02; 3 ·98	21 ·41	—30
12 (Vikrama. Dhanus—Mârgaḷi.)	Thur. 6	4 ·94	22 ·40	1
13	Fri. 7	5 ·93	23 ·40	2
14	Sat. 8	6 ·95 (Sukla)	24 ·42	3
15	SUN. 9	7 ·97	25 ·47	4
16	Mon. 10	... ...	26 ·54	5
17	Tues. 11	8 ·03	27 ·62	6
18	Wed. 12	9 ·10	1 ·71	7
19	Thur. 13	10 ·18	2 ·82	8
20	Fri. 14	11 ·26	3 ·94	9
21	Sat. 15	12 ·36	... ...	10
22	SUN. 16	13 ·44 (Pausha.)	4 ·04	11
23	Mon. 17	14 ·51	5 ·13	12 (H. 494 Safar)
24	Tues. 18	P ·57	6 ·20	13
25	Wed. 19	1 ·59	7 ·26	14
26	Thur. 20	2 ·60	8 ·30	15
27	Fri. 21	3 ·59	9 ·32	16
28	Sat. 22	4 ·56	10 ·32	17
—29	SUN. 23	5 ·51	11 ·29	18
1	Mon. 24	6 ·44 (Bahula)	12 ·26	19
2 (Vikrama. Makara—Tai.)	Tues. 25	7 ·37	13 ·20	20
3	Wed. 26	8 ·27	14 ·15	21
4	Thur. 27	9 ·17	15 ·09	22
5	Fri. 28	10 ·07; 11 ·97	16 ·02; 17 ·94	23
6	Sat. 29	12 ·88	18 ·88	24
7	SUN. 30	13 ·80	19 ·83	25
8	Mon. 31	14 ·78	20 ·78	26

13. Hasta. 14. Chit. 15. Svâti. 16. Viśâk. 17. Anur. 18. Jyesh. 19. Mûla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1101. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·87.** **Śaka 1023.** **Kaliyuga 4202.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·82.** **(S. Cycle) Vṛisha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
9	Tues.	1	—**A** ·66	21 ·74	27	9	Fri.	1	—**A** ·81	25 ·41	27	8	Wed.	1	1 ·17	4 ·54	—29
10	Wed.	2	1 ·62	22 ·72	28	10	Sat.	2	1 ·84	26 ·46	28	9	Thur.	2	2 ·25	5 ·64	1
11	Thur.	3	2 ·58	23 ·72	—29	11	Sun.	3	2 ·88	27 ·53	—29	10	Fri.	3	3 ·31	6 ·74	2
12	Fri.	4	3 ·58	24 ·75	1	12	Mon.	4	3 ·94	1 ·62	1	11	Sat.	4	4 ·37	7 ·82	3
13	Sat.	5	4 ·59	25 ·78	2	13	Tues.	5	... ...	2 ·72	2	12	Sun.	5	5 ·42	8 ·87	4
14	Sun.	6	5 ·63	26 ·84	3	14	Wed.	6	*Sukla.* 4 ·03	3 ·83	3	13	Mon.	6	6 ·43	9 ·92	5
15	Mon.	7	6 ·68	27 ·92	4	15	Thur.	7	5 ·13	4 ·93	4	14	Tues.	7	7 ·44	10 ·94	6
16	Tues.	8	7 ·75	... ...	5	16	Fri.	8	6 ·21	... ...	5	15	Wed.	8	8 ·42	11 ·94	7
17	Wed.	9	8 ·83	1 ·01	6	17	Sat.	9	7 ·29	5 ·03	6	16	Thur.	9	9 ·39	12 ·92	8
18	Thur.	10	9 ·91	2 ·12	7	18	Sun.	10	8 ·34	6 ·13	7	17	Fri.	10	10 ·32	13 ·88	9
19	Fri.	11	... ...	3 ·23	8	19	Mon.	11	9 ·38	7 ·20	8	18	Sat.	11	11 ·25	14 ·83	10
20	Sat.	12	10 ·01	4 ·34	9	20	Tues.	12	10 ·42	8 ·25	9	19	Sun.	12	12 ·17	15 ·78	11
21	Sun.	13	11 ·09	5 ·43	10	21	Wed.	13	11 ·47	9 ·28	10	20	Mon.	13	13 ·07	16 ·72	12
22	Mon.	14	12 ·16	6 ·51	11	22	Thur.	14	12 ·40	10 ·29	11				14 ·97		
23	Tues.	15	13 ·20	7 ·57	12	23	Fri.	15	13 ·35	11 ·29	12	21	Tues.	14	**P** ·87	17 ·65	13
24	Wed.	16	14 ·23	8 ·62	13	24	Sat.	16	14 ·30	12 ·26	13	22	Wed.	15	1 ·77	18 ·58	14
25	Thur.	17	**P** ·24	9 ·64	14	25	Sun.	17	**P** ·23	13 ·22	14	23	Thur.	16	2 ·67	19 ·51	15
26	Fri.	18	1 ·22	10 ·64	15	26	Mon.	18	1 ·15	14 ·16	15	24	Fri.	17	3 ·57	20 ·46	16
27	Sat.	19	2 ·19	11 ·62	16				*Chaitra.* 2 ·05			25	Sat.	18	4 ·49	21 ·41	17
28	Sun.	20	3 ·13	12 ·59	17	27	Tues.	19	3 ·95	15 ·10	16	26	Sun.	19	5 ·42	22 ·37	18
29	Mon.	21	4 ·06	13 ·55	18					16 ·04		27	Mon.	20	6 ·37	23 ·34	19
			5 ·93			28	Wed.	20	4 ·85	17 ·97	17	28	Tues.	21	7 ·35	24 ·34	20
—30	Tues.	22	6 ·90	14 ·49	19	29	Thur.	21	5 ·75	18 ·90	18	29	Wed.	22	8 ·33	25 ·36	21
1	Wed.	23	7 ·80	15 ·42	20	30	Fri.	22	6 ·66	19 ·83	19	30	Thur.	23	9 ·33	26 ·40	22
2	Thur.	24	8 ·70	16 ·35	21	—31	Sat.	23	7 ·57	20 ·78	20	—31	Fri.	24	10 ·36	27 ·45	23
3	Fri.	25	9 ·60	17 ·28	22	1	Sun.	24	8 ·49	21 ·73	21	1	Sat.	25	11 ·41	1 ·53	24
4	Sat.	26	10 ·50	18 ·22	23	2	Mon.	25	9 ·42	22 ·71	22	2	Sun.	26	12 ·46	2 ·62	25
5	Sun.	27	11 ·42	19 ·16	24	3	Tues.	26	10 ·37	23 ·64	23	3	Mon.	27	13 ·54	3 ·73	26
6	Mon.	28	12 ·34	20 ·11	25	4	Wed.	27	11 ·34	24 ·70	24	4	Tues.	28	14 ·63	4 ·84	27
7	Tues.	29	13 ·28	21 ·07	26	5	Thur.	28	12 ·32	25 ·72	25	5	Wed.	29	—**A** ·71	5 ·94	28
8	Wed.	30	14 ·23	22 ·05	27	6	Fri.	29	13 ·34	26 ·77	26	6	Thur.	30	1 ·78	... ...	29
9	Thur.	31	—**A** ·20	23 ·05	28	7	Sat.	30	14 ·37	27 ·84	27	7	Fri.	31	2 ·85	6 ·04	—30
		Feb.				8	Sun.	31	—**A** ·43	1 ·92	28						
								April.						**June.**			
10	Fri.	1	1 ·19	24 ·06	29	9	Mon.	1	1 ·49	... ...	29	8	Sat.	1	3 ·90	7 ·12	1
11	Sat.	2	2 ·21	25 ·10	—30	10	Tues.	2	2 ·57	2 ·02	—30	9	Sun.	2	4 ·91	8 ·20	2
12	Sun.	3	3 ·25	26 ·15	1	11	Wed.	3	3 ·66	3 ·13	1	10	Mon.	3	5 ·91	9 ·24	3
13	Mon.	4	4 ·30	27 ·22	2	12	Thur.	4	4 ·73	4 ·23	2	11	Tues.	4	6 ·89	10 ·26	4
14	Tues.	5	5 ·37	1 ·31	3	13	Fri.	5	5 ·80	5 ·34	3	12	Wed.	5	7 ·86	11 ·26	5
15	Wed.	6	6 ·45	2 ·42	4	14	Sat.	6	6 ·87	6 ·43	4	13	Thur.	6	8 ·80	12 ·25	6
16	Thur.	7	7 ·54	3 ·53	5	15	Sun.	7	7 ·92	7 ·51	5	14	Fri.	7	9 ·74	13 ·22	7
17	Fri.	8	8 ·63	4 ·64	6	16	Mon.	8	8 ·94	8 ·56	6	15	Sat.	8	10 ·65	14 ·18	8
18	Sat.	9	9 ·70	5 ·73	7	17	Tues.	9	9 ·94	9 ·69	7	16	Sun.	9	11 ·56	15 ·12	9
19	Sun.	10	10 ·78	6 ·82	8	18	Wed.	10	10 ·92	10 ·62	8					16 ·06	
20	Mon.	11	11 ·81	7 ·89	9	19	Thur.	11	11 ·88	11 ·61	9	17	Mon.	10	12 ·46	17 ·99	10
21	Tues.	12	12 ·84	8 ·94	10	20	Fri.	12	12 ·82	12 ·59	10	18	Tues.	11	13 ·35	18 ·92	11
22	Wed.	13	13 ·84	9 ·96	11	21	Sat.	13	13 ·75	13 ·55	11	19	Wed.	12	14 ·25	19 ·86	12
23	Thur.	14	14 ·83	10 ·97	12	22	Sun.	14	14 ·68	14 ·50	12	20	Thur.	13	**P** ·15	20 ·79	13
24	Fri.	15	**P** ·79	11 ·95	13	23	Mon.	15	**P** ·58	15 ·45	13				1 ·06		
25	Sat.	16	1 ·73	12 ·93	14	24	Tues.	16	1 ·48	16 ·38	14	21	Fri.	14	2 ·97	21 ·74	14
26	Sun.	17	2 ·66	13 ·88	15	25	Wed.	17	2 ·38	17 ·31	15	22	Sat.	15	3 ·91	22 ·70	15
27	Mon.	18	3 ·58	14 ·83	16	26	Thur.	18	3 ·28	18 ·24	16	23	Sun.	16	4 ·85	23 ·67	16
28	Tues.	19	4 ·49	15 ·76	17	27	Fri.	19	4 ·18	19 ·17	17	24	Mon.	17	5 ·82	24 ·67	17
29	Wed.	20	5 ·39	16 ·69	18	28	Sat.	20	5 ·08	20 ·11	18	25	Tues.	18	6 ·80	25 ·68	18
1	Thur.	21	6 ·29	17 ·63	19				6 ·00			26	Wed.	19	7 ·81	26 ·71	19
2	Fri.	22	7 ·19	18 ·56	20	29	Sun.	21	7 ·93	21 ·07	19	27	Thur.	20	8 ·84	27 ·76	20
3	Sat.	23	8 ·11	19 ·50	21	30	Mon.	22	8 ·89	22 ·04	20	28	Fri.	21	9 ·88	1 ·83	21
			9 ·02			—31	Tues.	23	9 ·86	23 ·02	21	29	Sat.	22	10 ·94	2 ·93	22
4	Sun.	24	10 ·93	20 ·44	22	1	Wed.	24	10 ·83	24 ·02	22	30	Sun.	23	... ...	... ...	23
5	Mon.	25	11 ·87	21 ·40	23	2	Thur.	25	11 ·85	25 ·04	23	31	Mon.	24	11 ·02	3 ·03	24
6	Tues.	26	12 ·82	22 ·38	24	3	Fri.	26	12 89	26 ·09	24	—32	Tues.	25	12 ·10	4 ·14	25
7	Wed.	27	13 ·80	23 ·37	25	4	Sat.	27	13 ·95	27 ·15	25	1	Wed.	26	13 ·18	5 ·24	26
8	Thur.	28	14 ·78	24 ·38	26	5	Sun.	28	... ...	1 ·23	26	2	Thur.	27	14 ·25	6 ·34	27
						6	Mon.	29	14 ·01	2 ·32	27	3	Fri.	28	—**A** ·32	7 ·43	28
						7	Tues.	●30	—**A** ·09	3 ·42	28	4	Sat.	29	1 ·37	8 ·50	—29
												5	Sun.	30	2 ·40	9 ·55	1

Vikrama. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 494 Rabī-ul awwal.*
Vikrama. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H. 494 Rabī-ul ākhir.*
Vikrama. **Mīna—Paṅguni.** *Vikrama.* **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* *H. 494 Jamāda'l awwal.*
Vṛisha. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 494 Jamāda'l ākhir.*
Vṛisha. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshṭha.** *Bahula.* *H. 494 Rajab.*
Vṛisha. **Mithuna—Āni.** *Śukla.* **Āshāḍha.** *Bahula.* *H. 494 Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1101. **Kollam 277,** Commences {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 495.** Commences **Oct. 26.** **Vikrama 1158.** **Bengal San. 507.** **(N. Cycle) Tāraṇa.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	3 ·40	10 ·58	3				6 ·00	17 ·01							
7	Tues.	2	4 ·39	11 ·59	3	6	Sun.	1	7 ·90	18 ·94	5	6	Fri.	1	9 ·61	24 ·29	7
8	Wed.	3	5 ·34	12 ·58	4	7	Mon.	2	8 ·80	19 ·87	6	7	Sat.	2	10 ·58	25 ·29	8
9	Thur.	4	6 ·28	13 ·56	5	8	Tues.	3	9 ·70	20 ·80	7	8	Sun.	3	11 ·57	26 ·30	9
10	Fri.	5	7 ·22	14 ·51	6	9	Wed.	4	10 ·60	21 ·74	8	9	Mon.	4	12 ·59	27 ·33	10
11	Sat.	6	8 ·14	15 ·46	7	10	Thur.	5	11 ·53	22 ·70	9	10	Tues.	5	13 ·63	1 ·37	11
12	Sun.	7	9 ·05	16 ·39	8	11	Fri.	6	12 ·46	23 ·66	10	11	Wed.	6	14 ·67	2 ·44	12
			10 ·95			12	Sat.	7	13 ·40	24 ·64	11	12	Thur.	7	P ·74	3 ·54	13
13	Mon.	8	11 ·85	17 ·32	9	13	Sun.	8	14 ·37	25 ·64	12	13	Fri.	8	1 ·82	4 ·64	14
14	Tues.	9	12 ·75	18 ·26	10	14	Mon.	9	P ·35	26 ·65	13	14	Sat.	9	2 ·90	5 ·74	15
15	Wed.	10	13 ·65	19 ·19	11	15	Tues.	10	1 ·36	27 ·70	14	15	Sun.	10	3 ·99	6 ·85	16
16	Thur.	11	14 ·55	20 ·13	12	16	Wed.	11	2 ·38	1 ·76	15	16	Mon.	11	... ...	7 ·95	17
17	Fri.	12	P ·47	21 ·07	13	17	Thur.	12	3 ·44	2 ·84	16	17	Tues.	12	4 ·08	... ...	18
18	Sat.	13	1 ·40	22 ·03	14	18	Fri.	13	4 ·50	3 ·93	17	18	Wed.	13	5 ·16	8 ·05	19
19	Sun.	14	2 ·34	23 ·01	15	19	Sat.	14	5 ·59	... ...	18	19	Thur.	14	6 ·20	9 ·12	20
				24 ·99		20	Sun.	15	6 ·67	4 ·03	19	20	Fri.	15	7 ·24	10 ·17	21
20	Mon.	15	3 ·31	... ...	16	21	Mon.	16	7 ·75	5 ·15	20	21	Sat.	16	8 ·24	11 ·20	22
21	Tues.	16	4 ·29	25 ·00	17	22	Tues.	17	8 ·83	6 ·25	21	22	Sun.	17	9 ·22	12 ·21	23
22	Wed.	17	5 ·30	26 ·02	18	23	Wed.	18	9 ·90	7 ·35	22	23	Mon.	18	10 ·19	13 ·20	24
23	Thur.	18	6 ·31	27 ·07	19	24	Thur.	19	10 ·96	8 ·43	23	24	Tues.	19	11 ·14	14 ·18	25
24	Fri.	19	7 ·36	1 ·14	20	25	Fri.	20	11 ·98	9 ·49	24	25	Wed.	20	12 ·08	15 ·14	26
25	Sat.	20	8 ·43	2 ·23	21	26	Sat.	21	... ...	10 ·54	25	26	Thur.	21	13 ·00	16 ·09	27
26	Sun.	21	9 ·51	3 ·33	22				12 ·00						14 ·92		
27	Mon.	22	10 ·60	4 ·43	23	27	Sun.	22	13 ·98	11 ·56	26	27	Fri.	22	A ·82	17 ·03	28
28	Tues.	23	11 ·68	5 ·54	24	28	Mon.	23	14 ·95	12 ·56	27					18 ·96	
29	Wed.	24	12 ·75	6 ·64	25	29	Tues.	24	A ·90	13 ·55	28	28	Sat.	23	1 ·72	19 ·90	29
30	Thur.	25	13 ·81	7 ·74	26	30	Wed.	25	1 ·84	14 ·51	29	29	Sun.	24	2 ·62	20 ·83	30
31	Fri.	26	14 ·86	8 ·81	27	31	Thur.	26	2 ·76	15 ·47	30	1	Mon.	25	3 ·52	21 ·76	1
1	Sat.	27	A ·90	9 ·87	28	1	Fri.	27	3 ·67	16 ·42	1	2	Tues.	26	4 ·44	22 ·70	2
2	Sun.	28	1 ·89	10 ·90	29	2	Sat.	28	4 ·58	17 ·35	2	3	Wed.	27	5 ·36	23 ·66	3
3	Mon.	29	2 ·88	11 ·91	30	3	Sun.	29	5 ·48	18 ·28	3	4	Thur.	28	6 ·30	24 ·63	4
4	Tues.	30	3 ·84	12 ·91	1	4	Mon.	30	6 ·38	19 ·21	4	5	Fri.	29	7 ·25	25 ·62	5
5	Wed.	31	4 ·80	13 ·89	2							6	Sat.	30	8 ·23	26 ·62	6
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	5 ·73	14 ·85	3	5	Tues.	1	7 ·28	20 ·14	5	7	Sun.	1	9 ·22	27 ·64	7
7	Fri.	2	6 ·65	15 ·79	4	6	Wed.	2	8 ·18	21 ·09	6	8	Mon.	2	10 ·23	1 ·68	8
8	Sat.	3	7 ·56	16 ·73	5	7	Thur.	3	9 ·11	22 ·03	7	9	Tues.	3	11 ·27	2 ·76	9
9	Sun.	4	8 ·46	17 ·67	6					23 ·99		10	Wed.	4	12 ·32	3 ·84	10
10	Mon.	5	9 ·38	18 ·60	7	8	Fri.	4	10 ·05	24 ·97	8	11	Thur.	5	13 ·40	4 ·93	11
11	Tues.	6	10 ·26	19 ·53	8				11 ·99			12	Fri.	6	14 ·48	... ...	12
12	Wed.	7	11 ·16	20 ·47	9	9	Sat.	5	12 ·96	25 ·96	9	13	Sat.	7	P ·56	5 ·04	13
13	Thur.	8	12 ·06	21 ·41	10	10	Sun.	6	13 ·95	26 ·98	10	14	Sun.	8	1 ·64	6 ·15	14
			13 ·98			11	Mon.	7	14 ·97	... ...	11	15	Mon.	9	2 ·73	7 ·25	15
14	Fri.	9	14 ·91	22 ·37	11	12	Tues.	8	P ·99	27 ·01	12	16	Tues.	10	3 ·80	8 ·35	16
15	Sat.	10	P ·84	23 ·33	12	13	Wed.	9	... ...	1 ·07	13	17	Wed.	11	4 ·85	9 ·42	17
16	Sun.	11	1 ·82	24 ·32	13	14	Thur.	10	1 ·04	2 ·14	14	18	Thur.	12	5 ·88	10 ·48	18
17	Mon.	12	2 ·80	25 ·32	14	15	Fri.	11	2 ·10	3 ·23	15	19	Fri.	13	6 ·88	11 ·52	19
18	Tues.	13	3 ·81	26 ·34	15	16	Sat.	12	3 ·19	4 ·34	16	20	Sat.	14	7 ·88	12 ·53	20
19	Wed.	14	4 ·83	27 ·38	16	17	Sun.	13	4 ·28	5 ·44	17	21	Sun.	15	8 ·84	13 ·54	21
20	Thur.	15	5 ·89	1 ·45	17	18	Mon.	14	5 ·37	6 ·55	18	22	Mon.	16	9 ·79	14 ·51	22
21	Fri.	16	6 ·95	2 ·53	18	19	Tues.	15	6 ·45	7 ·65	19	23	Tues.	17	10 ·73	15 ·48	23
22	Sat.	17	... ...	3 ·63	19	20	Wed.	16	7 ·51	8 ·73	20	24	Wed.	18	11 ·65	16 ·42	24
23	Sun.	18	7 ·02	4 ·73	20	21	Thur.	17	8 ·56	9 ·81	21	25	Thur.	19	12 ·56	17 ·36	25
24	Mon.	19	8 ·11	5 ·84	21	22	Fri.	18	9 ·59	10 ·86	22	26	Fri.	20	13 ·46	18 ·31	26
25	Tues.	20	9 ·19	6 ·95	22	23	Sat.	19	10 ·60	11 ·88	23	27	Sat.	21	14 ·36	19 ·23	27
26	Wed.	21	10 ·27	... ...	23	24	Sun.	20	11 ·59	12 ·89	24	28	Sun.	22	A ·26	20 ·16	28
27	Thur.	22	11 ·34	7 ·04	24	25	Mon.	21	12 ·56	13 ·87	25	29	Mon.	23	1 ·17	21 ·10	29
28	Fri.	23	12 ·40	8 ·12	25	26	Tues.	22	13 ·51	14 ·84	26	1	Tues.	24	2 ·08	22 ·04	1
29	Sat.	24	13 ·41	9 ·18	26	27	Wed.	23	14 ·45	15 ·81	27				3 ·01	23 ·00	
30	Sun.	25	14 ·42	10 ·22	27	28	Thur.	24	A ·36	16 ·75	28	2	Wed.	25	4 ·95	24 ·96	2
31	Mon.	26	A ·41	11 ·24	28	29	Fri.	25	1 ·27	17 ·69	29	3	Thur.	26	5 ·89	25 ·94	3
1	Tues.	27	1 ·38	12 ·24	29	30	Sat.	26	2 ·18	18 ·62	1	4	Fri.	27	6 ·87	26 ·94	4
2	Wed.	28	2 ·33	13 ·22	1				3 ·08			5	Sat.	28	7 ·85	27 ·96	5
3	Thur.	29	3 ·26	14 ·18	2	1	Sun.	27	4 ·98	19 ·55	2	6	Sun.	29	8 ·88	... ...	6
4	Fri.	30	4 ·18	15 ·13	3	2	Mon.	28	5 ·89	20 ·49	3	7	Mon.	30	9 ·91	1 ·00	7
5	Sat.	31	5 ·09	16 ·08	4	3	Tues.	29	6 ·81	21 ·42	4	8	Tues.	31	10 ·97	2 ·06	8
						4	Wed.	30	7 ·73	22 ·37	5						
						5	Thur.	31	8 ·66	23 ·32	6						

Vṛisha. Karkataka—Ādi. Śrāvaṇa. Bahula. H. 494 Ramazān.

Vṛisha. Siṁha—Avaṇi. Adhika Bhādrapada. Śukla. H. 494 Shawwāl.

Vṛisha. Kanyā—Purattāśi. Nija Bhādrapada. Bahula. H. 494 Zi-l-ka'da.

Vṛisha. Tulā—Aippaśi. Āśvina. Śukla. H. 494 Zi-l-hijja.

Vṛisha. Vṛiśchika—Kārttigai. Kārttika. Bahula.

Vṛisha. Dhanus—Mārgali. Mārgaśirsha. Bahula. H. 495 Muharram.

Vṛisha. Makara—Tai. Pausha. Śukla. H. 495 Ṣafar.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1102. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·13.** **Śaka 1024.** **Kaliyuga 4203.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·08.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	... ...	3 ·14	9	8	Sat. 1	10 ·53	7 ·16	9	8	Thur. 1	12 ·75	13 ·15	11
10	Thur. 2	11 ·05	4 ·23	10	9	Sun. 2	11 ·60	8 ·25	10	9	Fri. 2	13 ·71	14 ·16	12
11	Fri. 3	**Pausha.** 12 ·13	5 ·34	11	10	Mon. 3	**Phālguna.** 12 ·65	9 ·34	11	10	Sat. 3	14 ·64	15 ·14	13
12	Sat. 4	13 ·21	6 ·44	12	11	Tues. 4	13 ·70	10 ·42	12	11	Sun. 4	**P** ·57	16 ·10	14
13	Sun. 5	14 ·30	7 ·56	13	12	Wed. 5	14 ·72	11 ·47	13	12	Mon. 5	1 ·48	17 ·05	15
14	Mon. 6	**P** ·39	8 ·65	14	13	Thur. 6	**P** ·72	12 ·50	14	13	Tues. 6	2 ·38	18 ·98 / 19 ·94	16
15	Tues. 7	1 ·45	9 ·73	15	14	Fri. 7	1 ·70	13 ·51	15	14	Wed. 7	3 ·28	20 ·87	17
16	Wed. 8	2 ·50	10 ·79	16	15	Sat. 8	2 ·66	14 ·50	16	15	Thur. 8	4 ·44	21 ·80	18
17	Thur. 9	3 ·52	11 ·83	17	16	Sun. 9	3 ·60	15 ·48	17	16	Fri. 9	5 ·08 / 6 ·98	22 ·73	19
18	Fri. 10	4 ·52	12 ·86	18	17	Mon. 10	4 ·54	16 ·44	18					
19	Sat. 11	5 ·51	13 ·86	19	18	Tues. 11	5 ·45	17 ·38	19					
20	Sun. 12	6 ·47	14 ·84	20	19	Wed. 12	6 ·35	18 ·32	20	17	Sat. 10	7 ·89	23 ·67	20
21	Mon. 13	7 ·42	15 ·81	21	20	Thur. 13	7 ·25	19 ·25	21	18	Sun. 11	8 ·81	24 ·63	21
22	Tues. 14	8 ·35	16 ·76	22	21	Fri. 14	8 ·15	20 ·18	22	19	Mon. 12	9 ·71	25 ·59	22
23	Wed. 15	9 ·27	17 ·71	23	22	Sat. 15	9 ·05 / 10 ·95	21 ·12	23	20	Tues. 13	10 ·69	26 ·56	23
24	Thur. 16	10 ·18	18 ·64	24						21	Wed. 14	11 ·67	27 ·56	24
25	Fri. 17	11 ·08 / 12 ·98	19 ·57	25	23	Sun. 16	11 ·86	22 .05	24	22	Thur. 15	12 ·65	1 ·57	25
								23 ·00 / 24 ·95		23	Fri. 16	13 ·66	2 ·62	26
26	Sat. 18	13 ·88	20 ·50	26	24	Mon. 17	12 ·78		25	24	Sat. 17	14 ·69	3 ·67	27
27	Sun. 19	14 ·79	21 ·43	27	25	Tues. 18	13 ·72	25 ·92	26	25	Sun. 18	**A** ·74	4 ·75	28
28	Mon. 20	**A** ·70	22 ·38	28	26	Wed. 19	14 ·68	26 ·91	27	26	Mon. 19	1 ·80	5 ·84	29
29	Tues. 21	1 ·63	23 ·33	29	27	Thur. 20	**A** ·65	27 ·92	28	27	Tues. 20	2 ·87	6 ·94	—30
—30	Wed. 22	2 ·57	24 ·29	—30	28	Fri. 21	1 ·64	1 ·94	29	28	Wed. 21	3 ·94	... ...	1
1	Thur. 23	3 ·52	25 ·27	1	29	Sat. 22	2 ·65	2 ·99	—30	29	Thur. 22	.. ..	7 ·05	2
2	Fri. 24	4 ·50	26 ·26	2	—30	Sun. 23	3 ·70	... ...	1	30	Fri. 23	4 ·03	8 ·16	3
3	Sat. 25	5 ·48	27 ·27	3	1	Mon. 24	4 ·75	3 ·05	2	—31	Sat. 24	5 ·12	9 ·26	4
4	Sun. 26	6 ·50	1 ·32	4	2	Tues. 25	5 ·82	4 ·15	3	1	Sun. 25	6 ·19	10 ·34	5
5	Mon. 27	7 ·55	2 ·37	5	3	Wed. 26	6 ·89	5 ·24	4	2	Mon. 26	7 ·22	11 ·41	6
6	Tues. 28	8 ·60	3 ·44	6	4	Thur. 27	7 ·98	6 ·35	5	3	Tues. 27	8 ·24	12 ·45	7
7	Wed. 29	9 ·67	4 ·53	7	5	Fri. 28	.. ...	7 ·45	6	4	Wed. 28	9 ·24	13 ·48	8
8	Thur. 30	10 ·75	5 ·64	8	6	Sat. 29	8 ·07	8 .55	7	5	Thur. 29	10 ·23	14 ·48	9
9	Fri. 31	11 ·84	6 ·75	9	7	Sun. 30	9 ·14	9 ·65	8	6	Fri. 30	11 ·18	15 ·47	10
					8	Mon. 31	10 ·20	10 ·73	9	7	Sat. 31	12 ·13	16 ·44	11
	Feb.					**April.**					**June.**			
10	Sat. 1	12 ·92	7 ·86	10	9	Tues. 1	11 ·24	11 ·78	10	8	Sun. 1	13 ·06 / 14 ·97	17 ·39	12
11	Sun. 2	... ...	8 ·95	11	10	Wed. 2	12 ·26	12 ·82	11					
12	Mon. 3	13 ·00	... ...	12	11	Thur. 3	13 ·26	13 ·83	12	9	Mon. 2	**P** ·87	18 ·34	13
13	Tues. 4	14 ·07	9 ·04	13	12	Fri. 4	14 ·24	14 ·82	13	10	Tues. 3	1 ·77	19 ·28	14
14	Wed. 5	**P** ·12	10 ·10	14	13	Sat. ○ 5	**P** ·20	15 ·81	14	11	Wed. 4	2 ·67	20 ·20	15
15	Thur. 6	1 ·13	11 ·16	15	14	Sun. 6	1 ·14	16 ·77	15	12	Thur. 5	3 ·57	21 ·13	16
16	Fri. 7	2 ·14	12 ·18	16	15	Mon. 7	2 ·07 / 3 ·98	17 ·72	16	13	Fri. 6	4 ·47	22 ·07	17
17	Sat. 8	3 ·12	13 ·19	17						14	Sat. 7	5 ·38	23 ·01 / 24 ·96	18
18	Sun. 9	4 ·08	14 ·17	18	16	Tues. 8	4 ·88	18 ·66	17					
19	Mon. 10	5 ·02 / 6 ·96	15 ·14	19	17	Wed. 9	5 ·78	19 ·59	18	15	Sun. 8	6 ·30	25 ·92	19
20	Tues. 11	7 ·88	16 ·10	20	18	Thur. 10	6 ·68	20 ·53	19	16	Mon. 9	7 ·22	26 ·89	20
21	Wed. 12	8 ·79	17 ·05 / 18 ·98	21	19	Fri. 11	7 ·58	21 ·46	20	17	Tues. 10	8 ·17	27 ·88	21
22	Thur. 13	9 ·69	19 ·91	22	20	Sat. 12	8 ·48	22 ·39	21	18	Wed. 11	9 ·14	1 ·90	22
23	Fri. 14	10 ·59	20 ·84	23	21	Sun. 13	9 ·39	23 ·33	22	19	Thur. 12	10 ·12	2 ·93	23
24	Sat. 15	11 ·49	21 ·77	24	22	Mon. 14	10 ·30	24 ·28	23	20	Fri. 13	11 ·14	3 ·98	24
25	Sun. 16	12 ·39	22 ·72	25	23	Tues. 15	11 ·25	25 ·27	24	21	Sat. 14	12 ·16	... ...	25
26	Mon. 17	13 ·30	23 ·66	26	24	Wed. 16	12 ·20	26 ·24	25	22	Sun. 15	13 ·22	4 ·05	26
27	Tues. 18	14 ·23	24 ·62	27	25	Thur. 17	13 ·17	27 ·24	26	23	Mon. 16	14 ·28	5 ·14	27
28	Wed. 19	**A** ·16	25 ·59	28	26	Fri. 18	14 ·16	1 ·26	27	24	Tues. 17	**A** ·36	6 ·24	28
29	Thur. 20	1 ·12	26 ·58	—29	27	Sat. ● 19	**A** ·16	2 ·30	28	25	Wed. 18	1 ·44	7 ·36	—29
—30	Fri. 21	2 ·09	27 ·60	1	28	Sun. 20	1 ·21	3 ·37	—29	26	Thur. 19	2 ·52	8 ·46	1
1	Sat. 22	3 ·08	1 ·63	2	29	Mon. 21	2 ·26	4 ·45	1	27	Fri. 20	3 ·60	9 ·56	2
2	Sun. 23	4 ·11	2 ·68	3	30	Tues. 22	3 ·33	5 ·54	2	28	Sat. 21	4 ·65	10 ·65	3
3	Mon. 24	5 ·14	3 ·75	4	—31	Wed. 23	4 ·41	6 ·64	3	29	Sun. 22	5 ·70	11 ·71	4
4	Tues. 25	6 ·19	4 ·83	5	1	Thur. 24	5 ·49	7 ·75	4	30	Mon. 23	6 ·72	12 ·77	5
5	Wed. 26	7 ·27	5 ·94	6	2	Fri. 25	6 ·57	8 ·86	5	31	Tues. 24	7 ·73	13 ·80	6
6	Thur. 27	8 ·35	... ...	7	3	Sat. 26	7 ·65	9 ·96	6	—32	Wed. 25	8 ·71	14 ·81	7
7	Fri. 28	9 ·44	6 ·05	8	4	Sun. 27	8 ·71	.. ...	7	1	Thur. 26	9 ·66	15 ·80	8
					5	Mon. 28	9 ·75	10 ·04	8	2	Fri. 27	10 ·61	16 ·77	9
					6	Tues. 29	10 ·76	11 ·10	9	3	Sat. 28	11 ·53	17 ·73	10
					7	Wed. 30	11 ·76	12 ·13	10	4	Sun. 29	12 ·45	18 ·68	11
										5	Mon. 30	13 ·36	19 ·61	12

Vrisha. **Makara—Tai.** — H. 495 *Rabi-ul awwal.* — Bahula. — Sukla. — Phāl. — Vrisha. **Kumbha—Māsi.** — Mīna—Paṅguni. — Chitrabhānu. **Mēsha—Chittirai.** — H. 495 *Rajab.* — Chitrabhānu. **Vrishabha—Vaigāsi.** — H. 495 *Jamāda'l awwal.* — Chitrabhānu. **Mithuna—Āni.** — H. 495 *Jamāda'l ākhir.* — H. 495 *Śha'bān.* — H. 495 *Ramazān.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1102. **Kollam 278,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 496.** **Vikrama 1159.**
A—Amāvāsyā. Commences **Bengal San. 508.**
P—Paurnimā. Commences **Oct. 15.** **(N. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	14 ·26	20 ·54	13	5	Mon.	1	3 ·67	1 ·86	16	6	Sat.	1	4 ·03	7 ·85	18
7	Wed.	2	P ·16	21 ·47	14	6	Tues.	2	4 ·66	2 ·87	17	7	Sun.	2	5 ·11	8 ·96	19
8	Thur.	3	1 ·06 / 2 ·96	22 ·41	15	7	Wed.	3	5 ·68	3 ·91	18	8	Mon.	3	6 ·20	... ...	20
9	Fri.	4	3 ·87	23 ·35	16	8	Thur.	4	6 ·70	4 ·98	19	9	Tues.	4	7 ·29	9 ·07	21
10	Sat.	5	4 ·78	24 ·29	17	9	Fri.	5	7 ·75	... ...	20	10	Wed.	5	8 ·37	10 ·17	22
11	Sun.	6	5 ·70	25 ·25	18	10	Sat.	6	8 ·81	5 ·06	21	11	Thur.	6	9 ·43	11 ·26	23
12	Mon.	7	6 ·66	26 ·22	19	11	Sun.	7	9 ·89	6 ·15	22	12	Fri.	7	10 ·49	12 ·33	24
13	Tues.	8	7 ·63	27 ·20	20	12	Mon.	8	10 ·97	7 ·25	23	13	Sat.	8	11 ·51	13 ·39	25
14	Wed.	9	8 ·60	1 ·22	21	13	Tues.	9	... ...	8 ·36	24	14	Sun.	9	12 ·52	14 ·42	26
15	Thur.	10	9 ·62	2 ·24	22	14	Wed.	10	11 ·06	9 ·47	25	15	Mon.	10	13 ·51	15 ·43	27
16	Fri.	11	10 ·64	3 ·29	23	15	Thur.	11	12 ·13	10 ·57	26	16	Tues.	11	14 ·47	16 ·42	28
17	Sat.	12	11 ·70	4 ·36	24	16	Fri.	12	13 ·20	11 ·65	27	17	Wed.	12	—A ·43	17 ·39	29
18	Sun.	13	12 ·76	5 ·44	25	17	Sat.	13	14 ·25	12 ·71	28	18	Thur.	13	1 ·35	18 ·36	—30
19	Mon.	14	13 ·84	6 ·55	26	18	Sun.	14	A ·29	13 ·75	29	19	Fri.	14	2 ·28	19 ·31	1
20	Tues.	15	14 ·92	7 ·66	27	19	Mon.	15	1 ·30	14 ·77	—30	20	Sat.	15	3 ·19	20 ·24	2
21	Wed.	16	... ...	8 ·76	28	20	Tues.	16	2 ·28	15 ·78	1	21	Sun.	16	4 ·09 / 5 ·99	21 ·18	3
22	Thur.	17	—A ·01	9 ·86	29	21	Wed.	17	3 ·26	16 ·77	2	22	Mon.	17	6 ·89	22 ·11	4
23	Fri.	18	1 ·08	10 ·95	—30	22	Thur.	18	4 ·20	17 ·73	3	23	Tues.	18	7 ·80	23 ·04 / 24 ·98	5
24	Sat.	19	2 ·13	.. ...	1	23	Fri.	19	5 ·13	18 ·68	4	24	Wed.	19	8 ·71	25 ·92	6
25	Sun.	20	3 ·18	11 ·03	2	24	Sat.	20	6 ·05 / 7 ·96	19 ·62	5	25	Thur.	20	9 ·64	26 ·87	7
26	Mon.	21	4 ·21	12 ·09	3	25	Sun.	21	8 ·86	20 ·57	6	26	Fri.	21	10 ·58	27 ·84	8
27	Tues.	22	5 ·22	13 ·12	4	26	Mon.	22	9 ·76	21 ·50	7	27	Sat.	22	11 ·54	1 ·84	9
28	Wed.	23	6 ·20	14 ·13	5	27	Tues.	23	10 ·66	22 ·43	8	28	Sun.	23	12 ·51	2 ·84	10
29	Thur.	24	7 ·16	15 ·12	6	28	Wed.	24	11 ·56	23 ·36	9	29	Mon.	24	—A ·49	3 ·87	11
30	Fri.	25	8 ·11	16 ·11	7	29	Thur.	25	12 ·48	24 ·30	10	1	Tues.	25	14 ·52	4 ·90	12
—31	Sat.	26	9 ·03 / 10 ·95	17 ·07	8	—30	Fri.	26	13 ·40	25 ·25	11	2	Wed.	26	P ·55	5 ·97	13
						1	Sat.	27	14 ·34	26 ·21	12	3	Thur.	27	1 ·61	... ...	14
1	Sun.	27	11 ·86 / 13 ·95	18 ·01	9	2	Sun. ○	28	P ·28	27 ·19	13	4	Fri.	28	2 ·68	6 ·05	15
2	Mon.	28	12 ·76	20 ·88	10	3	Mon.	29	1 ·26	1 ·18	14	5	Sat.	29	3 ·76	7 ·16	16
3	Tues.	29	13 ·66	21 ·82	11	4	Tues.	30	2 ·24	2 ·19	15	6	Sun.	30	4 ·85	8 ·26	17
4	Wed.	30	14 ·56	22 ·75	12												
5	Thur.	31	P ·46	23 ·69	13								**Dec.**				
	Aug.						**Oct.**					7	Mon.	1	5 ·94	9 ·37	18
6	Fri.	1	1 ·37	24 ·63	14	5	Wed.	1	3 ·26	3 ·23	16	8	Tues.	2	... ...	10 ·47	19
7	Sat.	2	2 ·29	25 ·58	15	6	Thur.	2	4 ·29	4 ·29	17	9	Wed.	3	6 ·03	11 ·56	20
8	Sun.	3	3 ·21	26 ·54	16	7	Fri.	3	5 ·34	5 ·36	18	10	Thur.	4	7 ·09	12 ·65	21
9	Mon.	4	4 ·16	27 ·54	17	8	Sat.	4	6 ·31	6 ·45	19	11	Fri.	5	8 ·14	13 ·70	22
10	Tues.	5	5 ·13	1 ·54	18	9	Sun.	5	7 ·49	7 ·55	20	12	Sat.	6	9 ·16	14 ·74	23
11	Wed.	6	6 ·12	2 ·56	19	10	Mon.	6	8 ·57	8 ·66	21	13	Sun.	7	10 ·17	15 ·75	24
12	Thur.	7	7 ·14	3 ·60	20	11	Tues.	7	9 ·66	9 ·77	22	14	Mon.	8	11 ·15	16 ·75	25
13	Fri.	8	8 ·16	4 ·66	21	12	Wed.	8	10 ·75	10 ·87	23	15	Tues.	9	12 ·12	17 ·73	26
14	Sat.	9	9 ·21	5 ·75	22	13	Thur.	9	11 ·81	11 ·95	24	16	Wed.	10	13 ·07	18 ·69	27
15	Sun.	10	10 ·27	6 ·85	23	14	Fri.	10	12 ·85	... ..	25	17	Thur.	11	14 ·00 / A ·92	19 ·64	28
16	Mon.	11	11 ·34	7 ·95	24	15	Sat.	11	13 ·89	12 ·02	26						
17	Tues.	12	12 ·42	... ...	25	16	Sun.	12	14 ·89	13 ·07	27	18	Fri.	12	1 ·83	20 ·58	—29
18	Wed.	13	13 ·51	8 ·08	26	17	Mon.	13	—A ·88	14 ·10	28	19	Sat.	13	2 ·74	21 ·51	1
19	Thur.	14	14 ·59	9 ·16	27	18	Tues.	14	1 ·85	15 ·11	—29	20	Sun.	14	3 ·65	22 ·45	2
20	Fri.	15	—A ·68	10 ·26	28	19	Wed.	15	2 ·81	16 ·09	1	21	Mon.	15	4 ·55	23 ·38	3
21	Sat.	16	1 ·70	11 ·34	—29	20	Thur.	16	3 ·73	17 ·03	2	22	Tues.	16	5 ·45	24 ·32	4
22	Sun.	17	2 ·72	12 ·40	1	21	Fri.	17	4 ·65	18 ·02 / 19 ·97	3	23	Wed.	17	6 ·36	25 ·26	5
23	Mon.	18	3 ·74	13 ·44	2							24	Thur.	18	7 ·29	26 ·21	6
24	Tues.	19	4 ·72	14 ·45	3	22	Sat.	18	5 ·56	20 ·91	4	25	Fri.	19	8 ·22	27 ·17	7
25	Wed.	20	5 ·70	15 ·46	4	23	Sun.	19	6 ·47	21 ·84	5	26	Sat.	20	9 ·18	1 ·16	8
26	Thur.	21	6 ·64	16 ·44	5	24	Mon.	20	7 ·37	22 ·77	6	27	Sun.	21	10 ·16	2 ·16	9
27	Fri.	22	7 ·57	17 ·40	6	25	Tues.	21	8 ·27	23 ·70	7	28	Mon.	22	11 ·15	3 ·18	10
28	Sat.	23	8 ·48	18 ·35	7	26	Wed.	22	9 ·18	24 ·64	8	29	Tues.	23	12 ·16	4 ·21	11
29	Sun.	24	9 ·39	19 ·29	8	27	Thur.	23	10 ·09	25 ·59	9	—30	Wed.	24	13 ·20	5 ·27	12
30	Mon.	25	10 ·29	20 ·22	9	28	Fri.	24	11 ·02 / 12 ·95	26 ·54	10	1	Thur.	25	14 ·27	6 ·36	13
31	Tues.	26	11 ·19	21 ·16	10							2	Fri.	26	P ·34	7 ·46	14
—32	Wed.	27	12 ·09 / 13 ·99	22 ·09	11	29	Sat.	25	13 ·89	27 ·51	11	3	Sat.	27	1 ·42	8 ·56	15
						—30	Sun.	26	14 ·88	1 ·50	12	4	Sun.	28	2 ·51	9 ·66	16
				23 ·02		1	Mon.	27	P ·87	2 ·52	13	5	Mon.	29	3 ·60	10 ·77	17
1	Thur.	28	14 ·90	24 ·96	12	2	Tues.	28	1 ·88	3 ·55	14	6	Tues.	30	4 ·68	11 ·87	18
2	Fri.	29	P ·82	25 ·91	13	3	Wed.	29	2 ·90	4 ·60	15	7	Wed.	31	5 ·74	12 ·95	19
3	Sat.	30	1 ·76	26 ·88	14	4	Thur.	30	3 ·96	5 ·66	16						
4	Sun.	31	2 ·70	27 ·86	15	5	Fri.	31	... ...	6 ·75	17						

Chitrabhānu. Simha—Āvani. Chitrabhānu. Kan.—Pur. Chitrabhānu. Karkataka—Adi. Chitrabhānu. Kanyā—Purattāśi. Chitrabhānu. Tulā—Aippaśi. Chitrabhānu. Vṛśchika—Kārttigai. Chitrabhānu. Dhanus—Mārgali. Chitrabhānu. Makara—Tai.

Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla. Bahula. Śukla.

Āshāḍha. Śrāvaṇa. Bhād. P. Bhādrapada. Āśvina. Kārttika. Mārgaśirsha. Pausha.

H. 495 Ramażān. H. 495 Shawwāl. H. 495 Zi-l-ka'da. H. 495 Zi-l-ḥijja. H. 496 Muharram. H. 496 Ṣafar. H. 496 Rabī-ul awwal.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1103. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·39.** **Śaka 1025.** **Kaliyuga 4204.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·34.** **(S. Cycle) Subhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
	Thur.	1	6 ·78	... ...	20		Sun.	1	5 ·01	17 ·72	20		Fri.	1	8 ·52	23 ·09	22
	Fri.	2	7 ·80	13 ·01	21				6 ·96				Sat.	2	9 ·42	24 ·02	
	Sat.	3	8 ·81	14 ·05	22	9	Mon.	2	7 ·91	18 ·69	21					25 ·95	23
	Sun.	4	9 ·79	15 ·07	23	10	Tues.	3	8 ·83	19 ·65	22	10	Sun.	3	10 ·32	26 ·89	
	Mon.	5	10 ·77	16 ·08	24	11	Wed.	4	9 ·74	20 ·60	23	11	Mon.	4	11 ·22	27 ·83	24
	Tues.	6	11 ·71	17 ·06	25	12	Thur.	5	10 ·65	21 ·54	24	12	Tues.	5	12 ·15	1 ·81	25
				18 ·03		13	Fri.	6	11 ·55	22 ·47	25	13	Wed.	6	13 ·09	2 ·78	26
	Wed.	7	12 ·63	19 ·98	26	14	Sat.	7	12 ·45	23 ·40	26	14	Thur.	7	14 ·04	3 ·78	27
	Thur.	8	13 ·55	20 ·92	27	15	Sun.	8	13 ·35	24 ·33	27				A ·00		28
	Fri.	9	14 ·46	21 ·86	28	16	Mon.	9	14 ·26	25 ·27	28	15	Fri.	8	1 ·99	4 ·79	29
	Sat.	10	A ·37	22 ·79	29	17	Tues. ●	10	A ·17	26 ·22	29	16	Sat.	9	... ...	5 ·83	30
	Sun.	11	1 ·27	23 ·72	30	18	Wed.	11	1 ·09	27 ·17	30	17	Sun.	10	2 ·00	6 ·89	1
	Mon.	12	2 ·17	24 ·65	1				2 ·03			18	Mon.	11	3 ·02	7 ·97	2
			3 ·07			19	Thur.	12	3 ·99	1 ·14	1	19	Tues.	12	4 ·08	... ...	3
	Tues.	13	4 ·99	25 ·59	2	20	Fri.	13	4 ·97	2 ·12	2	20	Wed.	13	5 ·15	8 ·06	4
	Wed.	14	5 ·91	26 ·54	3	21	Sat.	14	5 ·95	3 ·14	3	21	Thur.	14	6 ·24	9 ·16	5
	Thur.	15	6 ·86	27 ·51	4	22	Sun.	15	6 ·96	4 ·16	4	22	Fri.	15	7 ·32	10 ·27	6
	Fri.	16	7 ·81	1 ·49	5	23	Mon.	16	... ...	5 ·21	5	23	Sat.	16	8 ·40	11 ·37	7
	Sat.	17	8 ·79	2 ·48	6	24	Tues.	17	7 ·00	6 ·27	6	24	Sun.	17	9 ·47	12 ·48	8
	Sun.	18	9 ·78	3 ·49	7	25	Wed.	18	8 ·05	7 ·36	7	25	Mon.	18	10 ·53	13 ·56	9
	Mon.	19	10 ·79	4 ·53	8	26	Thur.	19	9 ·13	8 ·46	8	26	Tues.	19	11 ·57	14 ·63	10
	Tues.	20	11 ·84	5 ·59	9	27	Fri.	20	10 ·21	9 ·57	9	27	Wed.	20	12 ·58	15 ·67	11
	Wed.	21	12 ·90	6 ·67	10	28	Sat.	21	11 ·29	10 ·67	10	28	Thur.	21	13 ·57	16 ·69	12
	Thur.	22	13 ·97	7 ·75	11	29	Sun.	22	12 ·37	11 ·78	11	29	Fri.	22	14 ·55	17 ·70	13
	Fri.	23	... ...	8 ·86	12	30	Mon.	23	13 ·45	12 ·87	12	30	Sat.	23	P ·52	18 ·69	14
	Sat.	24	14 ·05	9 ·96	13	1	Tues.	24	14 ·51	13 ·94	13	31	Sun.	24	1 ·46	19 ·66	15
	Sun.	25	P ·13	... ...	14	2	Wed.○	25	P ·56	... ...	14	32	Mon.	25	2 ·38	20 ·61	16
	Mon.	26	1 ·22	10 ·08	15	3	Thur.	26	1 ·57	14 ·00	15	1	Tues.	26	3 ·29	21 ·55	17
	Tues.	27	2 ·30	11 ·17	16	4	Fri.	27	2 ·57	15 ·04	16	2	Wed.	27	4 ·19	22 ·49	18
	Wed.	28	3 ·37	12 ·26	17	5	Sat.	28	3 ·56	16 ·05	17				5 ·09		
	Thur.	29	4 ·41	13 ·32	18	6	Sun.	29	4 ·52	17 ·04	18	3	Thur.	28	6 ·99	23 ·42	19
	Fri.	30	5 ·43	14 ·37	19					18 ·02		4	Fri.	29	7 ·89	24 ·35	20
	Sat.	31	6 ·43	15 ·40	20	7	Mon.	30	5 ·47	19 ·99	19	5	Sat.	30	8 ·79	25 ·28	21
						8	Tues.	31	6 ·39	20 ·94	20	6	Sun.	31	9 ·70	26 ·22	22
	Feb.						**April.**						**June.**				
	Sun.	1	7 ·41	16 ·41	21	9	Wed.	1	7 ·30	21 ·88	21	7	Mon.	1	10 ·62	27 ·17	23
	Mon.	2	8 ·38	17 ·39	22	10	Thur.	2	8 ·21	22 ·81	22	8	Tues.	2	11 ·54	1 ·14	24
	Tues.	3	9 ·32	18 ·36	23	11	Fri.	3	9 ·11	23 ·74	23	9	Wed.	3	12 ·50	2 ·11	25
	Wed.	4	10 ·25	19 ·31	24				10 ·01			10	Thur.	4	13 ·47	3 ·10	26
	Thur.	5	11 ·17	20 ·26	25	12	Sat.	4	11 ·91	24 ·68	24	11	Fri.	5	14 ·46	4 ·11	27
			12 ·08			13	Sun.	5	12 ·81	25 ·61	25	12	Sat.	6	A ·46	5 ·14	28
	Fri.	6	13 ·98	21 ·20	26	14	Mon.	6	13 ·72	26 ·55	26	13	Sun.	7	1 ·50	6 ·20	29
	Sat.	7	14 ·88	22 ·13	27	15	Tues.	7	14 ·64	27 ·50	27	14	Mon.	8	2 ·55	7 ·27	1
				23 ·06		16	Wed.	8	A ·56	1 ·47	28	15	Tues.	9	3 ·62	8 ·36	2
	Sun.	8	A ·78	24 ·99	28	17	Thur.	9	1 ·52	2 ·46	29	16	Wed.	10	4 ·70	9 ·46	3
	Mon.	9	1 ·68	25 ·93	29	18	Fri.	10	2 ·50	3 ·46	1	17	Thur.	11	5 ·78	10 ·57	4
	Tues.	10	2 ·60	26 ·88	1	19	Sat.	11	3 ·48	4 ·48	2	18	Fri.	12	6 ·86	11 ·68	5
	Wed.	11	3 ·52	27 ·84	2	20	Sun.	12	4 ·50	5 ·52	3	19	Sat.	13	7 ·93	12 ·78	6
	Thur.	12	4 ·46	1 ·81	3	21	Mon.	13	5 ·53	6 ·58	4	20	Sun.	14	... ...	13 ·87	7
	Fri.	13	5 ·42	2 ·80	4	22	Tues.	14	6 ·59	7 ·66	5	21	Mon.	15	8 ·00	14 ·94	8
	Sat.	14	6 ·40	3 ·81	5	23	Wed.	15	7 ·65	8 ·76	6	22	Tues.	16	9 ·05	15 ·98	9
	Sun.	15	7 ·38	4 ·85	6	24	Thur.	16	8 ·73	9 ·87	7	23	Wed.	17	10 ·07	... ...	10
	Mon.	16	8 ·39	5 ·90	7	25	Fri.	17	9 ·82	10 ·97	8	24	Thur.	18	11 ·05	16 ·02	11
	Tues.	17	9 ·44	6 ·97	8	26	Sat.	18	10 ·91	... ...	9				12 ·03		
	Wed.	18	10 ·49	... ...	9	27	Sun.	19	11 ·98	11 ·08	10	25	Fri.	19	13 ·98	17 ·03	12
	Thur.	19	11 ·57	7 ·06	10	28	Mon.	20	... ...	12 ·17	11					18 ·02	
	Fri.	20	12 ·65	8 ·15	11	29	Tues.	21	12 ·03	13 ·26	12	26	Sat.	20	14 ·92	19 ·99	13
	Sat.	21	13 ·75	9 ·27	12	30	Wed.	22	13 ·08	14 ·32	13	27	Sun.	21	P ·86	20 ·94	14
	Sun.	22	14 ·83	10 ·38	13	31	Thur.	23	14 ·09	15 ·35	14	28	Mon.	22	1 ·76	21 ·90	15
	Mon.	23	P ·90	11 ·48	14	1	Fri.	24	P ·10	16 ·37	15	29	Tues.	23	2 ·66	22 ·83	16
	Tues.	24	1 ·96	12 ·56	15	2	Sat.	25	1 ·08	17 ·37	16	30	Wed.	24	3 ·56	23 ·76	17
	Wed.	25	... ...	13 ·63	16				2 ·03			31	Thur.	25	4 ·46	24 ·69	18
	Thur.	26	2 ·01	14 ·69	17	3	Sun.	26	3 ·98	18 ·36	17	1	Fri.	26	5 ·36	25 ·62	19
	Fri.	27	3 ·03	15 ·72	18	4	Mon.	27	4 ·90	19 ·32	18	2	Sat.	27	6 ·27	26 ·56	20
	Sat.	28	4 ·02	16 ·73	19	5	Tues.	28	5 ·82	20 ·27	19	3	Sun.	28	7 ·18	27 ·51	21
						6	Wed.	29	6 ·72	21 ·21	20	4	Mon.	29	8 ·09	1 ·47	22
						7	Thur.	30	7 ·62	22 ·15	21	5	Tues.	30	9 ·03	2 ·44	23
															10 ·98		

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1103. **Kollam 279,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 497.** Commences **Oct. 5.** **Vikrama 1160.** **Bengal San. 509.** **(N. Cycle) Vyaya.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Subhānu. **Karkataka—Ādi.** 6	Wed. 1	11 ·95 *Bahula.*	3 ·42	24
7	Thur. 2	12 ·93	4 ·43	25
8	Fri. 3	13 ·94	5 ·46	26
9	Sat. 4	14 ·98	6 ·51	27
10	Sun. 5	... ..	7 ·58	28
11	Mon. 6	—**A** ·02	8 ·66	29
12	Tues. 7	1 ·09 *Sukla.*	9 ·76	—30
13	Wed. 8	2 ·17	10 ·88	1
14	Thur. 9	3 ·26	11 ·98	2
15	Fri. 10	4 ·34	... ...	3
16	Sat. 11	5 ·40	12 ·08	4
17	Sun. 12	6 ·46	13 ·17	5
18	Mon. 13	7 ·51	14 ·24	6
19	Tues. 14	8 ·55	15 ·31	7
20	Wed. 15	9 ·54	16 ·34	8
21	Thur. 16	10 ·52	17 ·35	9
22	Fri. 17	11 ·48	18 ·34	10
23	Sat. 18	12 ·42	19 ·32	11
24	Sun. 19	13 ·36	20 ·28	12
25	Mon. 20	14 ·27	21 ·23	13
26	Tues. 21	**P** ·18	22 ·17	14
27	Wed. 22	1 ·08 / 2 ·98	23 ·10	15
28	Thur. 23	3 ·88	24 ·03 / 25 ·96	16
29	Fri. 24	4 ·78	26 ·90	17
30	Sat. 25	5 ·68	27 ·85	18
31	Sun. 26	6 ·60	1 ·80	19
—32	Mon. 27	7 ·54	2 ·76	20
1	Tues. 28	8 ·48	3 ·75	21
2	Wed. 29	9 ·45	4 ·76	22
3	Thur. 30	10 ·43	5 ·78	23
4	Fri. 31	11 ·44	6 ·82	24
	Aug.			
Subhānu. **Simha—Āvani.** 5	Sat. 1	12 ·48	7 ·88	25
6	Sun. 2	13 ·52	8 ·96	26
7	Mon. 3	14 ·60	... ...	27
8	Tues. 4	—**A** ·68	9 ·07	28
9	Wed. 5	1 ·76	10 ·17	—29
10	Thur. 6	2 ·84	11 ·28	1
11	Fri. 7	3 ·92	12 ·38	2
12	Sat. 8	4 ·98	13 ·47	3
13	Sun. 9	... ...	14 ·56	4
14	Mon. 10	5 ·02 *Sukla.*	15 ·62	5
15	Tues. 11	6 ·06	16 ·66	6
16	Wed. 12	7 ·05	17 ·67	7
17	Thur. 13	8 ·03	18 ·67	8
18	Fri. 14	9 ·00 / 10 ·94	19 ·65	9
19	Sat. 15	11 ·84	20 ·62	10
20	Sun. 16	12 ·78	21 ·57	11
21	Mon. 17	13 ·69	22 ·51	12
22	Tues. 18	14 ·60	23 ·44	13
23	Wed. 19	**P** ·50	24 ·37	14
24	Thur. 20	1 ·40	25 ·31	15
25	Fri. 21	2 ·30	26 ·24	16
26	Sat. 22	3 ·21	27 ·18	17
27	Sun. 23	4 ·14	1 ·13	18
28	Mon. 24	5 ·07	2 ·09	19
29	Tues. 25	6 ·01 / 7 ·98 *Bahula.*	3 ·08	20
30	Wed. 26	8 ·96	4 ·08	21
—31	Thur. 27	9 ·98	5 ·09	22
1	Fri. 28	... ...	6 ·13	23
2	Sat. 29	10 ·01	7 ·19	24
3	Sun. 30	11 ·06	8 ·28	25
4	Mon. 31	12 ·12	9 ·37	26

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Subhānu. **Kanyā—Purattāsi.** 5	Tues. 1	13 ·20	10 ·47	27
6	Wed. 2	14 ·29	11 ·58	28
7	Thur. 3	—**A** ·37	12 ·68	29
8	Fri. 4	1 ·45	13 ·78	—30
9	Sat. 5	2 ·52	14 ·87	1
10	Sun. 6	3 ·57	15 ·93	2
11	Mon. 7	4 ·59	16 ·97	3
12	Tues. 8	5 ·60	17 ·99	4
13	Wed. 9	6 ·58	18 ·99	5
14	Thur. 10	7 ·55 *Sukla.*	19 ·99	6
15	Fri. 11	8 ·49	20 ·95	7
16	Sat. 12	9 ·42	21 ·90	8
17	Sun. 13	10 ·34	22 ·84	9
18	Mon. 14	11 ·25	23 ·78	10
19	Tues. 15	12 ·16	24 ·72	11
20	Wed. 16	13 ·06 / 14 ·96	25 ·65	12
21	Thur. ○ 17	**P** ·86	26 ·58	13
22	Fri. 18	1 ·77	27 ·52	14
23	Sat. 19	2 ·70	1 ·46	15
24	Sun. 20	3 ·63	2 ·43	16
25	Mon. 21	4 ·59	3 ·41	17
26	Tues. 22	5 ·55	4 ·40	18
27	Wed. 23	6 ·53	5 ·41	19
28	Thur. 24	7 ·55	6 ·44	20
29	Fri. 25	8 ·58 *Bahula.*	7 ·51	21
—30	Sat. 26	9 ·64	8 ·58	22
1	Sun. 27	10 ·70	9 ·67	23
2	Mon. 28	11 ·78	10 ·77	24
3	Tues. 29	12 ·87	11 ·88	25
4	Wed. 30	13 ·96	12 ·98	26
	Oct.			
Subhānu. **Tulā—Aippasi.** 5	Thur. 1	... ...	... ...	27
6	Fri. 2	14 ·04	13 ·09	28
7	Sat. 3	—**A** ·10	14 ·17	29
8	Sun. 4	1 ·15	15 ·24	—30
9	Mon. 5	2 ·19	16 ·29	1
10	Tues. 6	3 ·19 *Sukla.*	17 ·31	2
11	Wed. 7	4 ·17	18 ·33	3
12	Thur. 8	5 ·14	19 ·31	4
13	Fri. 9	6 ·08	20 ·28	5
14	Sat. 10	7 ·01 / 8 ·94	21 ·24	6
15	Sun. 11	9 ·84	22 ·18	7
16	Mon. 12	10 ·74	23 ·13	8
17	Tues. 13	11 ·64	24 ·06 / 25 ·99	9
18	Wed. 14	12 ·55	26 ·92	10
19	Thur. 15	13 ·46	27 ·85	11
20	Fri. 16	14 ·38	1 ·81	12
21	Sat. 17	**P** ·30	2 ·76	13
22	Sun. 18	1 ·23	3 ·73	14
23	Mon. 19	2 ·18	4 ·72	15
24	Tues. 20	3 ·16	5 ·73	16
25	Wed. 21	4 ·15	6 ·76	17
26	Thur. 22	5 ·16	7 ·82	18
27	Fri. 23	6 ·20 *Bahula.*	8 ·88	19
28	Sat. 24	7 ·26	9 ·97	20
29	Sun. 25	8 ·32	... ...	21
—30	Mon. 26	9 ·40	10 ·07	22
1	Tues. 27	10 ·49	11 ·17	23
2	Wed. 28	11 ·58	12 ·29	24
3	Thur. 29	12 ·66	13 ·39	25
4	Fri. 30	13 ·73	14 ·48	26
5	Sat. 31	14 ·77	15 ·55	27

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Subhānu. **Vrischika—Kārttigai.** 6	Sun. 1	—**A** ·80	16 ·60	28
7	Mon. 2	1 ·81	17 ·64	29
8	Tues. 3	2 ·79	18 ·65	—30
9	Wed. 4	3 ·76	19 ·64	1
10	Thur. 5	4 ·70	20 ·61	2
11	Fri. 6	5 ·64 *Sukla.*	21 ·57	3
12	Sat. 7	6 ·56	22 ·53	4
13	Sun. 8	7 ·47	23 ·46	5
14	Mon. 9	8 ·38	24 ·40	6
15	Tues. 10	9 ·28	25 ·32	7
16	Wed. 11	10 ·18	26 ·25	8
17	Thur. 12	11 ·08	27 ·19	9
18	Fri. 13	12 ·00 / 13 ·92	1 ·14	10
19	Sat. 14	14 ·86	2 ·09	11
20	Sun. 15	**P** ·81	3 ·06	12
21	Mon. 16	1 ·79	4 ·05	13
22	Tues. 17	2 ·78	5 ·05	14
23	Wed. 18	3 ·80	6 ·08	15
24	Thur. 19	4 ·85	7 ·12	16
25	Fri. 20	5 ·90	8 ·19	17
26	Sat. 21	6 ·97	9 ·27	18
27	Sun. 22	... ...	10 ·37	19
28	Mon. 23	7 ·05	11 ·48	20
29	Tues. 24	8 ·14	12 ·59	21
—30	Wed. 25	9 ·23 *Bahula.*	13 ·69	22
1	Thur. 26	10 ·31	14 ·78	23
2	Fri. 27	11 ·38	15 ·86	24
3	Sat. 28	12 ·42	16 ·92	25
4	Sun. 29	13 ·45	17 ·96	26
5	Mon. 30	14 ·44	18 ·97	27
	Dec.			
Subhānu. **Dhanus—Margali.** 6	Tues. 1	—**A** ·44	18 ·97	28
7	Wed. 2	1 ·40	20 ·94	—29
8	Thur. 3	2 ·34	21 ·91	1
9	Fri. 4	3 ·28	22 ·86	2
10	Sat. 5	4 ·20 *Sukla.*	23 ·80	3
11	Sun. 6	5 ·11	24 ·73	4
12	Mon. 7	6 ·01 / 7 ·91	25 ·66	5
13	Tues. 8	8 ·81	26 ·59	6
14	Wed. 9	9 ·72	27 ·54	7
15	Thur. 10	10 ·64	1 ·48	8
16	Fri. 11	11 ·56	2 ·43	9
17	Sat. 12	12 ·51	3 ·39	10
18	Sun. 13	13 ·46	4 ·37	11
19	Mon. 14	14 ·44	5 ·38	12
20	Tues. 15	**P** ·44	6 ·40	13
21	Wed. 16	1 ·45	7 ·43	14
22	Thur. 17	2 ·49	8 ·49	15
23	Fri. 18	3 ·55	9 ·57	16
24	Sat. 19	4 ·62	10 ·68	17
25	Sun. 20	5 ·70	11 ·78	18
26	Mon. 21	6 ·79	12 ·89	19
27	Tues. 22	7 ·88	13 ·99	20
28	Wed. 23	8 ·96 *Bahula.*	... ...	21
—29	Thur. 24	... ...	14 ·08	22
1	Fri. 25	9 ·02	15 ·17	23
2	Sat. 26	10 ·07	16 ·28	24
3	Sun. 27	11 ·10	17 ·27	25
4	Mon. 28	12 ·09	18 ·29	26
5	Tues. 29	13 ·08	19 ·29	27
6	Wed. 30	14 ·04	20 ·27	28
7	Thur. 31	**A** ·00 / 1 ·92	21 ·25	29

H. 496 Zi-l-ka'da. — *H. 496 Zi-l-hijja.* — *H. 497 Muharram.* — *H. 497 Safar.* — *H. 497 Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1104. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·65.** **Śaka 1026.** **Kaliyuga 4205.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·60.** **(S. Cycle) Tāraṇa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1	2 ·84	22 ·20	—30	9	Tues.	1	3 ·57	1 ·48	1	8	Sun.	1	5 ·32	7 ·01	3
9	Sat.	2	3 ·74	23 ·14	1	10	Wed.	2	4 ·48	2 ·43	2	9	Mon.	2	6 ·33	8 ·05	4
10	Sun.	3	4 ·64	24 ·07	2	11	Thur.	3	5 ·39	3 ·39	3	10	Tues.	3	7 ·37	9 ·11	5
11	Mon.	4	5 ·54	25 ·00 / 26 ·94	3	12	Fri.	4	6 ·33	4 ·36	4	11	Wed.	4	8 ·41	10 ·18	6
12	Tues.	5	6 ·45	27 ·87	4	13	Sat.	5	7 ·30	5 ·34	5	12	Thur.	5	9 ·49	11 ·28	7
13	Wed.	6	7 ·36	1 ·81	5	14	Sun.	6	8 ·27	6 ·35	6	13	Fri.	6	10 ·57	12 ·38	8
14	Thur.	7	8 ·27	2 ·76	6	15	Mon.	7	9 ·27	7 ·38	7	14	Sat.	7	11 ·66	13 ·49	9
15	Fri.	8	9 ·20	3 ·72	7	16	Tues.	8	10 ·29	8 ·43	8	15	Sun.	8	12 ·73	14 ·60	10
16	Sat.	9	10 ·14	4 ·71	8	17	Wed.	9	11 ·32	9 ·49	9	16	Mon.	9	13 ·80	15 ·69	11
17	Sun.	10	11 ·10	5 ·70	9	18	Thur.	10	12 ·38	10 ·58	10	17	Tues.	10	14 ·86	16 ·78	12
18	Mon.	11	12 ·08	6 ·71	10	19	Fri.	11	13 ·46	11 ·67	11	18	Wed.	11	P ·89	17 ·85	13
19	Tues.	12	13 ·07	7 ·75	11	20	Sat.	12	14 ·54	12 ·78	12	19	Thur.	12	1 ·92	18 ·89	14
20	Wed.	13	14 ·09	8 ·80	12	21	Sun. ○	13	P ·63	13 ·90	13	20	Fri.	13	2 ·91	19 ·91	15
21	Thur.	14	P ·14	9 ·89	13	22	Mon.	14	1 ·71	... ...	14	21	Sat.	14	3 ·89	20 ·91	16
22	Fri.	15	1 ·20	10 ·98	14	23	Tues.	15	2 ·77	14 ·00	15	22	Sun.	15	4 ·84	21 ·90	17
23	Sat.	16	2 ·27	... ...	15	24	Wed.	16	3 ·83	15 ·09	16	23	Mon.	16	5 ·79	22 ·87	18
24	Sun.	17	3 ·35	11 ·08	16	25	Thur.	17	4 ·87	16 ·16	17	24	Tues.	17	6 ·71	23 ·83	19
25	Mon.	18	4 ·43	12 ·18	17	26	Fri.	18	5 ·88	17 ·21	18	25	Wed.	18	7 ·62	24 ·77	20
26	Tues.	19	5 ·52	13 ·29	18	27	Sat.	19	6 ·88	18 ·26	19	26	Thur.	19	8 ·53	25 ·70	21
27	Wed.	20	6 ·60	14 ·40	19	28	Sun.	20	7 ·86	19 ·27	20	27	Fri.	20	9 ·43	26 ·63	22
28	Thur.	21	7 ·66	15 ·48	20	29	Mon.	21	8 ·82	20 ·26	21	28	Sat.	21	10 ·32	27 ·57	23
—29	Fri.	22	8 ·71	16 ·54	21	30	Tues.	22	9 ·76	21 ·24	22	29	Sun.	22	11 ·22	1 ·50	24
1	Sat.	23	9 ·73	17 ·59	22	—31	Wed.	23	10 ·69	22 ·20	23	30	Mon.	23	12 ·12	2 ·44	25
2	Sun.	24	10 ·72	18 ·61	23	1	Thur.	24	11 ·61	23 ·16	24	—31	Tues.	24	13 ·03 / 14 ·94	3 ·39	26
3	Mon.	25	11 ·71	19 ·62	24	2	Fri.	25	12 ·51	24 ·10	25						
4	Tues.	26	12 ·66	20 ·61	25	3	Sat.	26	13 ·41	25 ·03 / 26 ·96	26	1	Wed.	25	—A ·89	4 ·35	27
5	Wed.	27	13 ·60	21 ·58	26	4	Sun.	27	14 ·31	27 ·89	27	2	Thur.	26	1 ·84	5 ·33	28
6	Thur.	28	14 ·53	22 ·53	27	5	Mon.	28	—A ·21	1 ·82	28	3	Fri.	27	2 ·82	6 ·32	—29
7	Fri.	29	—A ·46	23 ·48	28	6	Tues.	29	1 ·12	2 ·77	—29	4	Sat.	28	3 ·80	7 ·33	1
8	Sat.	30	1 ·36	24 ·41	—29	7	Wed.	30	2 ·03 / 3 ·95	3 ·72	1	5	Sun.	29	4 ·82	8 ·36	2
9	Sun.	31	2 ·26	25 ·35	1	8	Thur.	31	4 ·89	4 ·69	2	6	Mon.	30	5 ·85	9 ·41	3
												7	Tues.	31	6 ·89	10 ·49	4
	Feb.						**April.**						**June.**				
10	Mon.	1	3 ·16	26 ·28	2	9	Fri.	1	5 ·84	5 ·67	3	8	Wed.	1	7 ·97	11 ·58	5
11	Tues.	2	4 ·06 / 5 ·97	27 ·21	3	10	Sat.	2	6 ·81	6 ·67	4	9	Thur.	2	... ...	12 ·68	6
12	Wed.	3	6 ·89	1 ·15	4	11	Sun.	3	7 ·81	7 ·70	5	10	Fri.	3	8 ·05	13 ·79	7
13	Thur.	4	7 ·81	2 ·09	5	12	Mon.	4	8 ·82	8 ·74	6	11	Sat.	4	9 ·13	14 ·89	8
14	Fri.	5	8 ·74	3 ·06	6	13	Tues.	5	9 ·86	9 ·80	7	12	Sun.	5	10 ·21	... ...	9
15	Sat.	6	9 ·71	4 ·03	7	14	Wed.	6	10 ·91	10 ·88	8	13	Mon.	6	11 ·29	15 ·00	10
16	Sun.	7	10 ·69	5 ·02	8	15	Thur.	7	11 ·98	11 ·97	9	14	Tues.	7	12 ·34	16 ·09	11
17	Mon.	8	11 ·67	6 ·03	9	16	Fri.	8	... ...	... ...	10	15	Wed.	8	13 ·38	17 ·16	12
18	Tues.	9	12 ·71	7 ·06	10	17	Sat.	9	12 ·06	12 ·09	11	16	Thur.	9	14 ·40	18 ·20	13
19	Wed.	10	13 ·75	8 ·12	11	18	Sun.	10	13 ·14	13 ·19	12	17	Fri.	10	P ·39	19 ·23	14
20	Thur.	11	14 ·81	9 ·19	12	19	Mon.	11	14 ·23	14 ·30	13	18	Sat.	11	1 ·37	20 ·24	15
21	Fri.	12	P ·89	10 ·28	13	20	Tues.	12	P ·30	15 ·39	14	19	Sun.	12	2 ·32	21 ·24	16
22	Sat.	13	1 ·97	11 ·38	14	21	Wed.	13	1 ·36	16 ·47	15	20	Mon.	13	3 ·27	22 ·21	17
23	Sun.	14	... ...	12 ·48	15	22	Thur.	14	2 ·40	17 ·54	16	21	Tues.	14	4 ·19	23 ·16	18
24	Mon.	15	2 ·05	13 ·59	16	23	Fri.	15	3 ·42	18 ·57	17	22	Wed.	15	5 ·10	24 ·11	19
25	Tues.	16	3 ·13	14 ·70	17	24	Sat.	16	4 ·41	19 ·59	18	23	Thur.	16	6 ·00 / 7 ·89	25 ·04 / 26 ·98	20
26	Wed.	17	4 ·21	15 ·78	18	25	Sun.	17	5 ·39	20 ·59	19						
27	Thur.	18	5 ·26	16 ·85	19	26	Mon.	18	6 ·35	21 ·57	20	24	Fri.	17	8 ·79	27 ·91	21
28	Fri.	19	6 ·31	17 ·90	20	27	Tues.	19	7 ·29	22 ·54	21	25	Sat.	18	9 ·69	1 ·84	22
29	Sat.	20	7 ·32	18 ·93	21	28	Wed.	20	8 ·21	23 ·49	22	26	Sun.	19	10 ·59	2 ·78	23
—30	Sun.	21	8 ·32	19 ·95	22	29	Thur.	21	9 ·12	24 ·43	23	27	Mon.	20	11 ·50	3 ·72	24
1	Mon.	22	9 ·30	20 ·94	23	30	Fri.	22	10 ·02 / 11 ·93	25 ·37	24	28	Tues.	21	12 ·43	4 ·69	25
2	Tues.	23	10 ·25	21 ·91	24	—31	Sat.	23	12 ·83	26 ·29	25	29	Wed.	22	13 ·37	5 ·66	26
3	Wed.	24	11 ·20	22 ·87	25	1	Sun.	24	13 ·73	27 ·22	26	30	Thur.	23	14 ·32	6 ·64	27
4	Thur.	25	12 ·12	23 ·82	26	2	Mon.	25	14 ·63	1 ·17	27	31	Fri.	24	—A ·29	7 ·65	28
5	Fri.	26	13 ·04 / 14 ·95	24 ·76	27	3	Tues.	26	—A ·54	2 ·11	28	—32	Sat.	25	1 ·28	8 ·67	29
6	Sat.	27	—A ·85	25 ·69	28	4	Wed.	27	1 ·46	3 ·05	29	1	Sun.	26	2 ·30	9 ·73	—30
7	Sun.	28	1 ·75	26 ·62	29	5	Thur.	28	2 ·40	4 ·02 / 5 ·99	—30	2	Mon.	27	3 ·32	10 ·80	1
8	Mon.	29	2 ·66	27 ·55	—30	6	Fri.	29	3 ·35	... ...	1	3	Tues.	28	4 ·38	11 ·88	2
						7	Sat.	30	4 ·33	6 ·00	2	4	Wed.	29	5 ·45	12 ·98	3
												5	Thur.	30	6 ·53	.. ...	4

Subhānu. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 497 Rabī-ul ākhir.*
Subhānu. **Kumbha—Māgh.** *Śukla.* **Phālguna.** *Bahula.* *H. 497 Jamādā'l awwal.*
Tārana. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 497 Rajab.*
Subhānu. **Mīna—Panguni.** *Śukla.* **Chaitra.** *Bahula.* *H. 497 Jamādā'l ākhir.*
Tāraṇa. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshṭha.** *Bahula.* *H. 497 Śha'bān.*
Tāraṇa. **Mithuna—Āni.** *Śukla.* **Adhika Āshādha.** *Bahula.* *H. 497 Ramaḍān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1104. **Kollam 280,** { **N. Malabar—Aug.** **Hijra 498.** **Vikrama 1161.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 23.** **Bengal San. 510.**
P—Paurnimā. **(N. Cycle) Sarvajit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Sukla.														
6	Fri.	1	7 ·61	13 ·09	5	6	Thur.	1	10 ·88	20 ·21	8	7	Tues.	1	12 ·62	27 ·61	10
7	Sat.	2	8 ·69	14 ·19	6	7	Fri.	2	11 ·84	21 ·21	9	8	Wed.	2	13 ·52	1 ·54	11
8	Sun.	3	9 ·77	15 ·30	7	8	Sat.	3	12 ·78	22 ·19	10	9	Thur.	3	14 ·48	2 ·47	12
9	Mon.	4	10 ·82	16 ·39	8	9	Sun.	4	13 ·71	23 ·17	11	10	Fri.	4	P ·34	3 ·41	13
10	Tues.	5	11 ·86	17 ·46	9	10	Mon.	5	14 ·62	24 ·12	12	11	Sat.	5	1 ·25	4 ·35	14
11	Wed.	6	12 ·88	18 ·52	10	11	Tues. ○	6	P ·54	25 ·06	13	12	Sun.	6	2 ·18	5 ·31	15
12	Thur.	7	13 ·88	19 ·55	11					26 ·00		13	Mon.	7	3 ·12	6 ·28	16
13	Fri.	8	14 ·85	20 ·57	12	12	Wed.	7	1 ·44	27 ·93	14	14	Tues.	8	4 ·08	7 ·27	17
14	Sat.	9	P ·80	21 ·56	13	13	Thur.	8	2 ·34	1 ·86	15	15	Wed.	9	5 ·06	8 ·27	18
15	Sun.	10	1 ·75	22 ·54	14	14	Fri.	9	3 ·24	2 ·80	16	16	Thur.	10	6 ·06	9 ·29	19
16	Mon.	11	2 ·67	23 ·50	15	15	Sat.	10	4 ·13	3 ·74	17	17	Fri.	11	7 ·08	10 ·34	20
17	Tues.	12	3 ·58	24 ·44	16	16	Sun.	11	5 ·05	4 ·68	18	18	Sat.	12	8 ·11	11 ·41	21
18	Wed.	13	4 ·49	25 ·39	17				6 ·97			19	Sun.	13	9 ·18	12 ·49	22
19	Thur.	14	5 ·39	26 ·32	18	17	Mon.	12	7 ·92	5 ·64	19	20	Mon.	14	10 ·25	13 ·59	23
20	Fri.	15	6 ·28	27 ·25	19	18	Tues.	13	8 ·87	6 ·62	20	21	Tues.	15	11 ·33	14 ·69	24
21	Sat.	16	7 ·18	1 ·18	20	19	Wed.	14	9 ·85	7 ·62	21	22	Wed.	16	12 ·42	15 ·81	25
			8 ·08			20	Thur.	15	10 ·84	8 ·63	22	23	Thur.	17	13 ·51	16 ·91	26
22	Sun.	17	9 ·99	2 ·11	21	21	Fri.	16	11 ·85	9 ·66	23	24	Fri.	18	14 ·59	... ...	27
23	Mon.	18	10 ·92	3 ·07	22	22	Sat.	17	12 ·90	10 ·72	24	25	Sat.	19	—A ·65	17 ·00	28
				4 ·02		23	Sun.	18	13 ·95	11 ·79	25	26	Sun.	20	1 ·69	18 ·08	—29
24	Tues.	19	11 ·85	5 ·98	23	24	Mon.	19	... ...	12 ·89	26	27	Mon.	21	2 ·72	19 ·13	1
25	Wed.	20	12 ·81	6 ·97	24	25	Tues.	20	14 ·03	13 ·99	27	28	Tues.	22	3 ·72	20 ·17	2
26	Thur.	21	13 ·78	7 ·97	25	26	Wed.	21	—A ·11	... ...	28	29	Wed.	23	4 ·70	21 ·18	3
27	Fri.	22	14 ·78	... ...	26	27	Thur.	22	1 ·20	14 ·10	—29	30	Thur.	24	5 ·66	22 ·19	4
28	Sat.	23	—A ·78	8 ·00	27	28	Fri.	23	2 ·28	15 ·20	1	1	Fri.	25	6 ·61	23 ·16	5
29	Sun.	24	1 ·81	9 ·04	28	29	Sat.	24	3 ·35	16 ·30	2	2	Sat.	26	7 ·54	24 ·12	6
30	Mon.	25	2 ·87	10 ·10	—29	30	Sun.	25	4 ·42	17 ·39	3	3	Sun.	27	8 ·46	25 ·07	7
31	Tues.	26	3 ·94	11 ·18	1	1	Mon.	26	5 ·45	18 ·46	4					26 ·02	
1	Wed.	27	... ...	12 ·28	2	2	Tues.	27	6 ·48	19 ·51	5	4	Mon.	28	9 ·36	27 ·95	8
2	Thur.	28	4 ·02	13 ·38	3	3	Wed.	28	7 ·47	20 ·53	6	5	Tues.	29	10 ·26	1 ·88	9
3	Fri.	29	5 ·10	14 ·50	4	4	Thur.	29	8 ·46	21 ·54	7	6	Wed.	30	11 ·16	2 ·81	10
4	Sat.	30	6 ·19	15 ·60	5	5	Fri.	30	9 ·41	22 ·53	8						
5	Sun.	31	7 ·26	16 ·70	6												
	Aug.						**Oct.**						**Dec.**				
			Bahula.						*Sukla.*						*Bahula.*		
6	Mon.	1	8 ·31	17 ·77	7	6	Sat.	1	10 ·36	23 ·50	9				12 ·07	3 ·74	
7	Tues.	2	9 ·36	18 ·83	8	7	Sun.	2	11 ·29	24 ·46	10	7	Thur.	1	13 ·98		11
8	Wed.	3	10 ·37	19 ·88	9	8	Mon.	3	12 ·20	25 ·40	11	8	Fri.	2	14 ·89	4 ·70	12
9	Thur.	4	11 ·37	20 ·89	10	9	Tues.	4	13 ·11	26 ·34	12	9	Sat.	3	P ·82	5 ·63	13
10	Fri.	5	12 ·35	21 ·89	11				14 ·02			10	Sun.	4	1 ·76	6 ·61	14
11	Sat.	6	13 ·31	22 ·87	12	10	Wed.	5	P ·92	27 ·27	13	11	Mon.	5	2 ·73	7 ·59	15
12	Sun.	7	14 ·25	23 ·83	13	11	Thur.	6	1 ·82	1 ·21	14	12	Tues.	6	3 ·71	8 ·59	16
13	Mon.	8	P ·17	24 ·79	14	12	Fri.	7	2 ·73	2 ·14	15	13	Wed.	7	4 ·71	9 ·62	17
			1 ·08			13	Sat.	8	3 ·64	3 ·07	16	14	Thur.	8	5 ·72	10 ·66	18
14	Tues.	9	2 ·99	25 ·73	15					4 ·02		15	Fri.	9	6 ·76	11 ·71	19
15	Wed.	10	3 ·89	26 ·66	16	14	Sun.	9	4 ·56	5 ·97	17	16	Sat.	10	7 ·82	12 ·79	20
16	Thur.	11	4 ·79	27 ·59	17	15	Mon.	10	5 ·51	6 ·95	18	17	Sun.	11	8 ·89	13 ·89	21
17	Fri.	12	5 ·69	1 ·52	18	16	Tues.	11	6 ·46	7 ·94	19	18	Mon.	12	9 ·99	14 ·99	22
18	Sat.	13	6 ·59	2 ·46	19	17	Wed.	12	7 ·44	8 ·95	20	19	Tues.	13	... ...	... ...	23
19	Sun.	14	7 ·51	3 ·40	20	18	Thur.	13	8 ·44	9 ·98	21	20	Wed.	14	10 ·08	15 ·11	24
20	Mon.	15	8 ·43	4 ·35	21	19	Fri.	14	9 ·46	... ...	22	21	Thur.	15	11 ·16	16 ·21	25
21	Tues.	16	9 ·36	5 ·31	22	20	Sat.	15	10 ·49	10 ·03	23	22	Fri.	16	12 ·23	17 ·30	26
22	Wed.	17	10 ·32	6 ·29	23	21	Sun.	16	11 ·55	11 ·10	24	23	Sat.	17	13 ·30	18 ·38	27
23	Thur.	18	11 ·29	7 ·29	24	22	Mon.	17	12 ·62	12 ·19	25	24	Sun.	18	14 ·34	19 ·44	28
24	Fri.	19	12 ·30	8 ·31	25	23	Tues.	18	13 ·70	13 ·29	26	25	Mon.	19	—A ·36	20 ·49	29
25	Sat.	20	13 ·31	9 ·35	26	24	Wed.	19	14 ·79	14 ·39	27	26	Tues.	20	1 ·37	21 ·51	—30
26	Sun.	21	14 ·34	10 ·41	27	25	Thur.	20	—A ·88	15 ·50	28	27	Wed.	21	2 ·35	22 ·51	1
27	Mon.	22	—A ·39	11 ·49	28	26	Fri.	21	1 ·96	16 ·61	29	28	Thur.	22	3 ·31	23 ·49	2
28	Tues.	23	1 ·46	12 ·58	29	27	Sat.	22	... ...	17 ·70	—30	29	Fri.	23	4 ·26	24 ·46	3
29	Wed.	24	2 ·54	13 ·69	—30	28	Sun.	23	2 ·01	18 ·77	1	1	Sat.	24	5 ·18	25 ·42	4
30	Thur.	25	3 ·63	14 ·80	1	29	Mon.	24	3 ·05	19 ·82	2	2	Sun.	25	6 ·10	26 ·36	5
31	Fri.	26	4 ·72	15 ·90	2	30	Tues.	25	4 ·09	20 ·85	3				7 ·01	27 ·29	
1	Sat.	27	5 ·79	... ...	3	1	Wed.	26	5 ·08	21 ·86	4	3	Mon.	26	8 ·92		6
2	Sun.	28	6 ·85	16 ·00	4	2	Thur.	27	6 ·07	22 ·86	5	4	Tues.	27	9 ·82	1 ·22	7
3	Mon.	29	7 ·89	17 ·08	5				7 ·03			5	Wed.	28	10 ·72	2 ·15	8
4	Tues.	30	8 ·91	18 ·15	6	3	Fri.	28	8 ·98	23 ·83	6	6	Thur.	29	11 ·63	3 ·09	9
5	Wed.	31	9 ·90	19 ·19	7	4	Sat.	29	9 ·90	24 ·79	7	7	Fri.	30	12 ·55	4 ·03	10
						5	Sun.	30	10 ·82	25 ·74	8					5 ·98	
						6	Mon.	31	11 ·72	26 ·67	9	8	Sat.	31	13 ·47	6 ·94	11

Tāraṇa. **Karkataka—Ādi.** *H. 497 Shawwāl.* *Tāraṇa.* **Kanyā—Purattāsi.** *H. 497 Zi-l-hijja.* *Tāraṇa.* **Vṛiśchika—Kārttigai.** *H. 498 Ṣafar.*

Tāraṇa. **Siṁha—Āvani.** *H. 497 Zi-ka'da.* *Tāraṇa.* **Tulā—Aippasi.** *H. 498 Muharram.* *Tāraṇa.* **Dhanus—Mārgali.** *H. 498 Rabī-ul awwal.*

Tāraṇa. **Makara—Tai.** *H. 498 Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1105. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·91.** **Śaka 1027.** **Kaliyuga 4206.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·86.** **(S. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Sun.	1	Pausha. 14 ·40	7 ·91	12	8	Wed.	1	Phālguna. 14 ·58	11 ·64	12	8	Mon.	1	... ...	17 ·82	14
10	Mon.	2	P ·37	8 ·92	13	9	Thur.	2	P ·63	12 ·71	13	9	Tues.	2	1 ·06	18 ·91	15
11	Tues.	3	1 ·35	9 ·93	14	10	Fri.	3	1 ·68	13 ·80	14	10	Wed.	3	2 ·14	19 ·99	16
12	Wed.	4	2 ·35	10 ·97	15	11	Sat.	4	2 ·76	14 ·89	15	11	Thur.	4	3 ·18	... ...	17
13	Thur.	5	3 ·36	... ...	16	12	Sun.	5	3 ·84	... ...	16	12	Fri.	5	4 ·22	20 ·06	18
14	Fri.	6	4 ·41	11 ·02	17	13	Mon.	6	4 ·93	15 ·00	17	13	Sat.	6	5 ·24	21 ·11	19
15	Sat.	7	5 ·47	12 ·10	18	14	Tues.	7	... ...	16 ·11	18	14	Sun.	7	6 ·24	22 ·13	20
16	Sun.	8	6 ·54	13 ·19	19	15	Wed.	8	5 ·01	17 ·22	19	15	Mon.	8	7 ·22	23 ·13	21
17	Mon.	9	7 ·62	14 ·30	20	16	Thur.	9	6 ·07	18 ·31	20	16	Tues.	9	8 ·17	24 ·12	22
18	Tues.	10	8 ·71	15 ·40	21	17	Fri.	10	7 ·13	19 ·38	21	17	Wed.	10	9 ·10	25 ·08	23
19	Wed.	11	9 ·79	16 ·51	22	18	Sat.	11	8 ·17	20 ·44	22	18	Thur.	11	10 ·03	26 ·05	24
20	Thur.	12	10 ·87	17 ·61	23	19	Sun.	12	9 ·20	21 ·47	23				11 ·94	27 ·99	
21	Fri.	13	11 ·94	18 ·69	24	20	Mon.	13	10 ·19	22 ·49	24	19	Fri.	12	12 ·84	1 ·92	25
22	Sat.	14	12 ·98	19 ·76	25	21	Tues.	14	11 ·18	23 ·48	25	20	Sat.	13	13 ·74	2 ·85	26
23	Sun.	15	... ...	20 ·81	26	22	Wed.	15	12 ·13	24 ·46	26	21	Sun.	14	14 ·64	3 ·78	27
24	Mon.	16	13 ·00	21 ·83	27	23	Thur.	16	13 ·08	25 ·42	27	22	Mon.	15	A ·54	4 ·72	28
25	Tues.	17	14 ·00 / A ·97	22 ·84	28	24	Fri.	17	14 ·00 / A ·91	26 ·37	28	23	Tues.	16	1 ·44	5 ·66	—29
26	Wed.	18	1 ·94	23 ·82	—29	25	Sat.	18	1 ·82	27 ·30	—29	24	Wed.	17	2 ·35	6 ·61	1
27	Thur.	19	2 ·89	24 ·80	1	26	Sun.	19	2 ·72	1 ·25	1	25	Thur.	18	3 ·27	7 ·57	2
28	Fri.	20	3 ·82	25 ·75	2	27	Mon.	20	3 ·61	2 ·18	2	26	Fri.	19	4 ·20	8 ·54	3
29	Sat.	21	4 ·78	26 ·69	3	28	Tues.	21	4 ·51	3 ·11	3	27	Sat.	20	5 ·17	9 ·54	4
—30	Sun.	22	5 ·64	27 ·63	4	29	Wed.	22	5 ·42	4 ·04 / 5 ·98	4	28	Sun.	21	6 ·14	10 ·55	5
1	Mon.	23	6 ·55	1 ·56	5							29	Mon.	22	7 ·13	11 ·58	6
2	Tues.	24	7 ·45	2 ·50	6	—30	Thur.	23	6 ·33	6 ·94	5	30	Tues.	23	8 ·14	12 ·63	7
3	Wed.	25	8 ·35	3 ·43	7	1	Fri.	24	7 ·26	7 ·91	6	—31	Wed.	24	9 ·18	13 ·71	8
4	Thur.	26	9 ·25	4 ·37	8	2	Sat.	25	8 ·19	8 ·89	7	1	Thur.	25	10 ·23	14 ·79	9
5	Fri.	27	10 ·17	5 ·31	9	3	Sun.	26	9 ·15	9 ·89	8	2	Fri.	26	11 ·30	15 ·90	10
6	Sat.	28	11 ·10	6 ·27	10	4	Mon.	27	10 ·13	10 ·91	9	3	Sat.	27	12 ·39	... ...	11
7	Sun.	29	12 ·04	7 ·24	11	5	Tues.	28	11 ·12	11 ·96	10	4	Sun.	28	13 ·47	16 ·01	12
8	Mon.	30	13 ·00 / 14 ·97	8 ·24	12	6	Wed.	29	12 ·14	... ...	11	5	Mon.	29	14 ·55	17 ·12	13
9	Tues.	31	P ·96	9 ·25	13	7	Thur.	30	13 ·18	12 ·02	12	6	Tues.	30	P ·62	18 ·21	14
						8	Fri.	31	14 ·24	13 ·10	13	7	Wed.	31	1 ·68	19 ·31	15
	Feb.						**April.**						**June.**				
10	Wed.	1	Māgha.	10 ·28	14	9	Sat.	1	Chaitra. P ·30	14 ·19	14	8	Thur.	1	2 ·71	20 ·38	16
11	Thur.	2	1 ·00	11 ·33	15	10	Sun.	2	1 ·38	15 ·30	15	9	Fri.	2	3 ·72	21 ·42	17
12	Fri.	3	2 ·04	12 ·40	16	11	Mon.	3	2 ·47	16 ·41	16	10	Sat.	3	4 ·72	22 ·45	18
13	Sat.	4	3 ·09	13 ·50	17	12	Tues.	4	3 ·55	17 ·52	17	11	Sun.	4	5 ·69	23 ·46	19
14	Sun.	5	4 ·17	14 ·60	18	13	Wed.	5	4 ·62	18 ·61	18	12	Mon.	5	6 ·65	24 ·45	20
15	Mon.	6	5 ·25	15 ·70	19	14	Thur.	6	5 ·68	19 ·69	19	13	Tues.	6	7 ·59	25 ·43	21
16	Tues.	7	6 ·33	16 ·81	20	15	Fri.	7	6 ·72	20 ·75	20	14	Wed.	7	8 ·51	26 ·38	22
17	Wed.	8	7 ·42	17 ·91	21	16	Sat.	8	7 ·74	21 ·78	21	15	Thur.	8	9 ·42	27 ·33	23
18	Thur.	9	8 ·49	... ...	22	17	Sun.	9	8 ·72	22 ·81	22	16	Fri.	9	10 ·32	1 ·26	24
19	Fri.	10	9 ·56	18 ·00	23	18	Mon.	10	9 ·70	23 ·81	23	17	Sat.	10	11 ·22	2 ·19	25
20	Sat.	11	10 ·59	19 ·07	24	19	Tues.	11	10 ·66	24 ·79	24	18	Sun.	11	12 ·12	3 ·13	26
21	Sun.	12	11 ·62	20 ·12	25	20	Wed.	12	11 ·61	25 ·75	25	19	Mon.	12	13 ·02 / 14 ·92	4 ·06	27
22	Mon.	13	12 ·61	21 ·15	26	21	Thur.	13	12 ·53	26 ·70	26						
23	Tues.	14	13 ·60	22 ·16	27	22	Fri.	14	13 ·44	27 ·65	27	20	Tues.	13	A ·83	5 ·00 / 6 ·94	28
24	Wed.	15	14 ·55	23 ·16	28	23	Sat.	15	14 ·34	1 ·59	28						
25	Thur.	16	A ·50	24 ·13	29	24	Sun.	16	A ·24	2 ·51	29	21	Wed.	14	1 ·75	7 ·90	29
26	Fri.	17	1 ·43	25 ·09	—30	25	Mon.	17	1 ·14	3 ·44	—30	22	Thur.	15	2 ·69	8 ·88	—30
27	Sat.	18	2 ·34	26 ·03 / 27 ·97	1	26	Tues.	18	2 ·04 / 3 ·95	4 ·38	1	23	Fri.	16	3 ·64	9 ·86	1
28	Sun.	19	3 ·25	1 ·91	2	27	Wed.	19	4 ·86	5 ·33	2	24	Sat.	17	4 ·61	10 ·87	2
29	Mon.	20	4 ·15	2 ·84	3	28	Thur.	20	5 ·78	6 ·27	3	25	Sun.	18	5 ·61	11 ·90	3
—30	Tues.	21	5 ·05 / 6 ·95	3 ·77	4	29	Fri.	21	6 ·71	7 ·24	4	26	Mon.	19	6 ·61	12 ·94	4
1	Wed.	22	7 ·85	4 ·70	5	30	Sat.	22	7 ·67	8 ·21	5	27	Tues.	20	7 ·66	.. ...	5
2	Thur.	23	8 ·77	5 ·65	6	—31	Sun.	23	8 ·65	9 ·21	6	28	Wed.	21	8 ·71	18 ·02	6
3	Fri.	24	9 ·69	6 ·60	7	1	Mon.	24	9 ·63	10 ·23	7	29	Thur.	22	9 ·79	14 ·10	7
4	Sat.	25	10 ·63	7 ·58	8	2	Tues.	25	10 ·65	11 ·27	8	30	Fri.	23	10 ·87	15 ·20	8
5	Sun.	26	Phāl. 11 ·59	8 ·56	9	3	Wed.	26	Vaiśākha. 11 ·69	12 ·33	9	31	Sat.	24	11 ·95	16 ·31	9
6	Mon.	27	12 ·57	9 ·57	10	4	Thur.	27	12 ·75	13 ·40	10	—32	Sun.	25	... ...	17 ·41	10
7	Tues.	28	13 ·57	10 ·59	11	5	Fri.	28	13 ·81	14 ·49	11	1	Mon.	26	Āshādha. 12 ·03	18 ·52	11
						6	Sat.	29	14 ·89	15 ·61	12	2	Tues.	27	13 ·09	19 ·61	12
						7	Sun.	30	P ·98	16 ·71	13	3	Wed.	28	14 ·15	20 ·68	13
												4	Thur.	29	P ·19	21 ·74	14
												5	Fri.	30	1 ·21	22 ·77	15

Tīraṇa. **Makara—Tai.** *Bahula.* *Sukla.* *H. 498 Rabī-ul ākhir.* *Tīraṇa.* **Kumbha—Māśi.** *Bahula.* *Sukla.* *H. 498 Jamāda'l awwal.* *Pārthiva* **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H. 498 Jamāda'l ākhir.* *Pārthiva.* **Vṛishabha—Vaigāśi.** *Bahula.* *Sukla.* *H. 498 Rajab.* *Pārthiva.* **Mithuna—Āni.** *Bahula.* *Sukla.* *H. 498 Śha'bān.* **Vaiśākha.** *Bahula.* *Sukla.* *H. 498 Ramazān.* **Jyeshtha.** *Sukla.* *H. 498 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad 27. Rev.

A.D. 1105. **Kollam 281,** { **N. Malabar—Aug.** **Hijra 499.** **Vikrama 1162.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 13.** **Bengal San. 511.**
P—Paurnimā. **(N. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sat.	1	Āsh. 2 ·19	23 ·78	16	6	Fri.	1	6 ·63	3 ·15	19	6	Wed.	1	8 ·37	10 ·48	20
7	Sun.	2	3 ·17	24 ·78	17	7	Sat.	2	7 ·53	4 ·08	20	7	Thur.	2	9 ·35	11 ·49	21
8	Mon.	3	4 ·18	25 ·76	18	8	Sun.	3	Bahula. 8 ·43	5 ·02	21	8	Fri.	3	Bahula. 10 ·35	12 ·51	22
9	Tues.	4	5 ·05 / 6 ·97	26 ·71	19	9	Mon.	4	9 ·34	6 ·96 / 7 ·90	22	9	Sat.	4	11 ·36	13 ·56	Śafar. 23
10	Wed.	5	7 ·89	27 ·66	20	10	Tues.	5	10 ·27	8 ·86	23	10	Sun.	5	12 ·41	14 ·63	24
11	Thur.	6	8 ·80	1 ·60	21	11	Wed.	6	11 ·21	9 ·84	24	11	Mon.	6	13 ·47	15 ·71	25
12	Fri.	7	9 ·70	2 ·54	22	12	Thur.	7	12 ·17	10 ·83	25	12	Tues.	7	14 ·54	16 ·81	26
13	Sat.	8	Bahula. 10 ·60	3 ·47	23	13	Fri.	8	13 ·15	11 ·85	26	13	Wed.	8	—A ·63	17 ·91	H. 499 27
14	Sun.	9	11 ·50	4 ·40	24	14	Sat.	9	14 ·14	12 ·88	27	14	Thur.	9	1 ·72	.. ...	28
15	Mon.	10	12 ·40	5 ·33	25	15	Sun.	10	—A ·16	13 ·94	28	15	Fri.	10	2 ·81	18 ·02	—29
16	Tues.	11	13 ·31	6 ·28	26	16	Mon.	11	1 ·20	.. ...	29	16	Sat.	11	3 ·88	19 ·13	1
17	Wed.	12	14 ·23	7 ·24	27	17	Tues.	12	2 ·26	14 ·01	—30	17	Sun.	12	4 ·94	20 ·22	2
18	Thur.	13	—A ·17	8 ·20	28	18	Wed.	13	3 ·34	15 ·10	1	18	Mon.	13	Śukla. 5 ·98	21 ·30	3
19	Fri.	14	1 ·12	9 ·19	—29	19	Thur.	14	4 ·43	16 ·21	2	19	Tues.	14	.. ...	22 ·35	4
20	Sat.	15	2 ·10	10 ·19	1	20	Fri.	15	5 ·51	17 ·32	3	20	Wed.	15	6 ·01	23 ·39	5
21	Sun.	16	3 ·09	11 ·21	2	21	Sat.	16	Śukla. 6 ·58	18 ·42	4	21	Thur.	16	7 ·00 / 8 ·98	24 ·40	6
22	Mon.	17	4 ·10	12 ·26	3	22	Sun.	17	7 ·65	19 ·52	5	22	Fri.	17	9 ·95	25 ·41	7
23	Tues.	18	5 ·15	13 ·32	4	23	Mon.	18	8 ·72	20 ·60	6	23	Sat.	18	10 ·88	26 ·38	8
24	Wed.	19	6 ·20	14 ·41	5	24	Tues.	19	9 ·77	21 ·68	7	24	Sun.	19	11 ·80	27 ·34	9
25	Thur.	20	7 ·27	15 ·50	6	25	Wed.	20	10 ·78	22 ·73	8	25	Mon.	20	12 ·72	1 ·29	10
26	Fri.	21	8 ·35	16 ·61	7	26	Thur.	21	11 ·78	23 ·75	9	26	Tues.	21	13 ·64	2 ·23	11
27	Sat.	22	9 ·44	17 ·71	8	27	Fri.	22	12 ·76	24 ·76	10	27	Wed.	22	14 ·55	3 ·17	12
28	Sun.	23	10 ·52	18 ·82	9	28	Sat.	23	13 ·71	25 ·74	11	28	Thur.	23	P ·45	4 ·10	13
29	Mon.	24	11 ·58	19 ·92	10	29	Sun.	24	14 ·65	26 ·72	12				1 ·35	5 ·03 / 6 ·96	14
30	Tues.	25	12 ·64	20 ·99	11	30	Mon.	25	P ·57	27 ·68	13	—29	Fri.	24			
—31	Wed.	26	13 ·68	.. ...	12	—31	Tues.	26	1 ·49	1 ·62	14	1	Sat.	25	2 ·25	7 ·90	15
1	Thur.	27	14 ·70	21 ·05	13	1	Wed.	27	2 ·40	2 ·56	15	2	Sun.	26	3 ·17	8 ·87	16
2	Fri.	28	P ·69	22 ·09	14	2	Thur.	28	3 ·30	3 ·49	16	3	Mon.	27	4 ·10	9 ·83	17
3	Sat.	29	1 ·67	23 ·11	15	3	Fri.	29	4 ·20	4 ·41	17	4	Tues.	28	5 ·05	10 ·81	18
4	Sun.	30	2 ·62	24 ·11	16	4	Sat.	30	5 ·10	5 ·36	18	5	Wed.	29	6 ·00 / 7 ·99	11 ·81	19
5	Mon.	31	3 ·56	25 ·09	17							6	Thur.	30	8 ·99	12 ·83	20
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	4 ·49	26 ·05 / 27 ·00	18	5	Sun.	1	6 ·01 / 7 ·92	6 ·29	19	7	Fri.	1	Bahula.	13 ·88	21
7	Wed.	2	5 ·40	1 ·95	19	6	Mon.	2	8 ·85	7 ·24	20	8	Sat.	2	9 ·01	14 ·94	22
8	Thur.	3	Bahula. 6 ·30	2 ·88	20	7	Tues.	3	9 ·79	8 ·19	21	9	Sun.	3	10 ·05	... ...	23
9	Fri.	4	7 ·20	3 ·81	21	8	Wed.	4	10 ·75	9 ·16	22	10	Mon.	4	11 ·11	15 ·01	24
10	Sat.	5	8 ·10	4 ·74	22	9	Thur.	5	11 ·73	10 ·16	23	11	Tues.	5	12 ·19	16 ·11	25
11	Sun.	6	9 ·00 / 10 ·91	5 ·67	23	10	Fri.	6	12 ·73	11 ·17	24	12	Wed.	6	13 ·27	17 ·21	26
12	Mon.	7	11 ·82	6 ·62	24	11	Sat.	7	13 ·75	12 ·20	25	13	Thur.	7	14 ·36	18 ·33	27
13	Tues.	8	12 ·73	7 ·57	25	12	Sun.	8	14 ·79	13 ·25	26	14	Fri.	8	—A ·45	19 ·43	28
14	Wed.	9	13 ·67	8 ·53	26	13	Mon.	9	—A ·85	14 ·31	27	15	Sat.	9	1 ·52	20 ·52	29
15	Thur.	10	14 ·62	9 ·51	27	14	Tues.	10	1 ·93	15 ·41	28	16	Sun.	10	2 ·59	21 ·60	—30
16	Fri.	11	—A ·61	10 ·51	28	15	Wed.	11	.. ...	16 ·51	29	17	Mon.	11	3 ·63	22 ·66	1
17	Sat.	12	1 ·60	11 ·52	29	16	Thur.	12	2 ·01	17 ·62	—30	18	Tues.	12	4 ·66	23 ·70	2
18	Sun.	13	2 ·62	12 ·57	—30	17	Fri.	13	3 ·09	18 ·72	1	19	Wed.	13	5 ·65	24 ·73	3
19	Mon.	14	3 ·66	13 ·63	1	18	Sat.	14	4 ·19	19 ·82	2	20	Thur.	14	Śukla. 6 ·63	25 ·73	4
20	Tues.	15	4 ·71	14 ·71	2	19	Sun.	15	5 ·26	20 ·92	3	21	Fri.	15	7 ·59	26 ·71	5
21	Wed.	16	5 ·79	15 ·80	3	20	Mon.	16	Śukla. 6 ·31	21 ·99	4	22	Sat.	16	8 ·52	27 ·68	6
22	Thur.	17	6 ·87	16 ·90	4	21	Tues.	17	7 ·36	.. ...	5	23	Sun.	17	9 ·46	1 ·63	7
23	Fri.	18	7 ·95	... ...	5	22	Wed.	18	8 ·37	22 ·04	6	24	Mon.	18	10 ·37	2 ·58	8
24	Sat.	19	.. ...	17 ·02	6	23	Thur.	19	9 ·37	23 ·07	7	25	Tues.	19	11 ·28	3 ·51	9
25	Sun.	20	8 ·03	18 ·12	7	24	Fri.	20	10 ·35	24 ·08	8	26	Wed.	20	12 ·19	4 ·44	10
26	Mon.	21	9 ·11	19 ·22	8	25	Sat.	21	11 ·32	25 ·08	9	27	Thur.	21	13 ·09 / 14 ·99	5 ·37	11
27	Tues.	22	10 ·16	20 ·30	9	26	Sun.	22	12 ·25	26 ·05	10	28	Fri.	22	P ·90	6 ·30	12
28	Wed.	23	11 ·21	21 ·36	10	27	Mon.	23	Kārttika. 13 ·18	27 ·01 / 1 ·96	11	29	Sat.	23	1 ·82	7 ·25	13
29	Thur.	24	12 ·22	22 ·41	11	28	Tues.	24	14 ·10	2 ·89	12	—30	Sun.	24	2 ·74	8 ·20	14
30	Fri.	25	13 ·21	23 ·43	12	29	Wed.	25	P ·01	3 ·82	13	1	Mon.	25	3 ·69	9 ·16	15
—31	Sat.	26	14 ·20	24 ·43	13				1 ·91			2	Tues.	26	4 ·65	10 ·13	16
1	Sun.	27	P ·15	25 ·41	14	—30	Thur.	26	2 ·81	4 ·76	14	3	Wed.	27	5 ·64	11 ·13	H. 499 17
2	Mon.	28	1 ·08	26 ·38	15	1	Fri.	27	3 ·71	5 ·69	15	4	Thur.	28	Paush. 6 ·63	12 ·15	Rabi-ul ākhir. 18
3	Tues.	29	2 ·01 / 3 ·92	27 ·34	16	2	Sat.	28	4 ·62	6 ·63	16	5	Fri.	29	7 ·67	13 ·19	19
4	Wed.	30	4 ·83	1 ·28	17	3	Sun.	29	5 ·54	7 ·57	17	6	Sat.	30	8 ·71	14 ·24	20
5	Thur.	31	5 ·73	2 ·22	18	4	Mon.	30	Bahula. 6 ·46	8 ·52	18	7	Sun.	31	Bahula. 9 ·76	15 ·32	21
						5	Tues.	31	7 ·40	9 ·50	19						

Pārthiva. **Karkataka—Ādi.** Pārthiva. **Kanyā—Purattāśi.** Pārthiva. **Vrischika—Kārttigai.**

Pārthiva. **Simha—Āvani.** Pārthiva. **Tulā—Aippasi.** Pārthiva. **Dhanus—Margali.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1106. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·17. **Śaka 1028.** **Kaliyuga 4207.**
Lunar Eclipse. ○ (Arya Sid.) March 24·12. **(S. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Jan.								**March.**								**May.**						
			Bahula.								*Bahula.*								*Bahula.*				
	Mon.	1	10	·83	16	·41	22		Thur.	1	9	·32	20	·43	22		Tues.	1	11	·53	26	·35	24
	Tues.	2	11	·92	17	·51	23		Fri.	2	10	·39	21	·53	23		Wed.	2	12	·49	27	·34	25
	Wed.	3	..	...	18	·62	24		Sat.	3	11	·44	22	·60	24		Thur.	3	13	·42	1	·30	26
	Thur.	4	12	·01	19	·73	25		Sun.	4	12	·49	23	·65	25		Fri.	4	14	·34	2	·26	27
	Fri.	5	13	·09	20	·83	26		Mon.	5	13	·50	24	·69	26		Sat.	5	A	·25	3	·21	28
	Sat.	6	14	·17	21	·91	27		Tues.	6	14	·50	25	·70	27		Sun.	6	1	·16	4	·14	—29
	Sun.	7	A	·23	22	·97	28		Wed.	7	A	·47	26	·70	28				2	·06			
	Mon.	8	1	·27	...	...	—29		Thur.	8	1	·44	27	·68	—29		Mon.	7	3	·95	5	·07	1
	Tues.	9	2	·29	23	·03	1		Fri.	9	2	·37	1	·64	1						6	·00	
	Wed.	10	3	·29	24	·05	2		Sat.	10	3	·29	2	·59	2		Tues.	8	4	·85	7	·93	2
	Thur.	11	4	·27	25	·06	3		Sun.	11	4	·21	3	·52	3		Wed.	9	5	·75	8	·88	3
	Fri.	12	5	·23	26	·04	4		Mon.	12	5	·11	4	·46	4		Thur.	10	6	·66	9	·83	4
			Sukla.		27	·01					*Sukla.*								*Sukla.*				
	Sat.	13	6	·17	1	·97	5		Tues.	13	6	·01	5	·40	5		Fri.	11	7	·58	10	·79	5
											7	·91					Sat.	12	8	·53	11	·76	6
	Sun.	14	7	·09	2	·91	6		Wed.	14	8	·81	6	·32	6		Sun.	13	9	·48	12	·75	7
	Mon.	15	8	·01	3	·85	7		Thur.	15	9	·72	7	·26	7		Mon.	14	10	·46	13	·77	8
			9	·92					Fri.	16	10	·64	8	·20	8		Tues.	15	11	·45	14	·80	9
	Tues.	16	10	·82	4	·78	8		Sat.	17	11	·57	9	·15	9		Wed.	16	12	·48	15	·85	10
	Wed.	17	11	·72	5	·71	9		Sun.	18	12	·50	10	·13	10		Thur.	17	13	·51	16	·98	11
	Thur.	18	12	·63	6	·65	10		Mon.	19	13	·46	11	·11	11		Fri.	18	14	·56	...	...	12
	Fri.	19	13	·54	7	·59	11		Tues.	20	14	·43	12	·11	12		Sat.	19	P	·64	17	·01	13
	Sat.	20	14	·45	8	·53	12		Wed.	21	P	·43	13	·13	13		Sun.	20	1	·72	18	·12	14
	Sun.○	21	P	·38	9	·49	13		Thur.	22	1	·45	14	·17	14		Mon.	21	2	·81	19	·23	15
—29	Mon.	22	1	·32	10	·46	14	—30	Fri.	23	2	·49	15	·24	15		Tues.	22	3	·88	20	·35	16
1	Tues.	23	2	·28	11	·46	15	1	Sat.	24	3	·55	16	·32	16		Wed.	23	4	·95	21	·43	17
2	Wed.	24	3	·27	12	·47	16	2	Sun.	25	4	·62	17	·41	17	—31	Thur.	24	...	...	22	·52	18
3	Thur.	25	4	·26	13	·50	17	3	Mon.	26	5	·70	18	·52	18	1	Fri.	25	5	·01	23	·59	19
4	Fri.	26	5	·29	14	·55	18	4	Tues.	27	6	·79	19	·62	19	2	Sat.	26	6	·03	24	·64	20
5	Sat.	27	6	·33	15	·62	19	5	Wed.	28	7	·87	20	·74	20	3	Sun.	27	7	·05	25	·67	21
6	Sun.	28	7	·39	16	·71	20	6	Thur.	29	8	·94	21	·83	21	4	Mon.	28	8	·04	26	·68	22
7	Mon.	29	8	·46	17	·82	21	7	Fri.	30	...	...	22	·91	22				9	·02			
8	Tues.	30	9	·54	18	·92	22	8	Sat.	31	9	·01	23	·97	23	5	Tues.	29	10	·97	27	·66	23
9	Wed.	31	10	·64	...	...	23									6	Wed.	30	11	·91	1	·64	24
																7	Thur.	31	12	·83	2	·60	25
	Feb.								**April.**								**June.**						
10	Thur.	1	11	·72	19	·03	24	9	Sun.	1	10	·03	...	...	24	8	Fri.	1	13	·74	3	·55	26
11	Fri.	2	12	·80	20	·13	25	10	Mon.	2	11	·04	24	·00	25	9	Sat.	2	14	·64	4	·48	27
12	Sat.	3	13	·85	21	·21	26	11	Tues.	3	12	·04	25	·03	26	10	Sun.	3	A	·54	5	·41	28
13	Sun.	4	14	·90	22	·29	27				13	·01				11	Mon	4	1	·44	6	·34	29
14	Mon.	5	A	·91	23	·34	28	12	Wed.	4	14	·98	26	·03	27	12	Tues.	5	2	·34	7	·28	—30
15	Tues.	6	1	·91	24	·37	29						27	·01		13	Wed.	6	3	·24	8	·22	1
16	Wed.	7	2	·88	25	·38	—30	13	Thur.	5	A	·91	1	·97	28	14	Thur.	7	4	·14	9	·16	2
17	Thur.	8	3	·85	26	·37	1	14	Fri.	6	1	·84	2	·92	29	15	Fri.	8	5	·07	10	·12	3
18	Fri.	9	4	·79	27	·35	2	15	Sat.	7	2	·75	3	·86	—30				6	·01			
19	Sat.	10	5	·71	1	·31	3	16	Sun.	8	3	·65	4	·80	1	16	Sat.	9	7	·96	11	·09	4
20	Sun.	11	6	·63	2	·25	4	17	Mon.	9	4	·55	5	·73	2	17	Sun.	10	8	·94	12	·08	5
21	Mon.	12	7	·53	3	·19	5	18	Tues.	10	5	·45	6	·66	3	18	Mon.	11	9	·93	13	·09	6
22	Tues.	13	8	·43	4	·12	6	19	Wed.	11	6	·35	7	·60	4	19	Tues.	12	10	·96	14	·12	7
			Sukla.		5	·06		20	Thur.	12	7	·25	8	·53	5	20	Wed.	13	11	·99	15	·16	8
23	Wed.	14	9	·33	6	·99	7				*Sukla.*								*Sukla.*				
24	Thur.	15	10	·23	7	·92	8	21	Fri.	13	8	·17	9	·49	6	21	Thur.	14	...	..	16	·28	9
25	Fri.	16	11	·14	8	·87	9	22	Sat.	14	9	·09	10	·46	7	22	Fri.	15	12	·05	17	·31	10
			12	·06							10	·03				23	Sat.	16	13	·12	18	·42	11
26	Sat.	17	13	·99	9	·82	10	23	Sun.	15	11	·98	11	·43	8	24	Sun.	17	14	·19	19	·53	12
27	Sun.	18	14	·93	10	·79	11	24	Mon.	16	12	·96	12	·43	9	25	Mon.	18	P	·28	20	·63	13
28	Mon.	19	P	·89	11	·78	12	25	Tues.	17	13	·96	13	·44	10	26	Tues.	19	1	·36	21	·78	14
29	Tues.	20	1	·87	12	·79	13	26	Wed.	18	14	·98	14	·49	11	27	Wed.	20	2	·42	22	·82	15
—30	Wed.	21	2	·87	13	·81	14	27	Thur.	19	P	...	15	·55	12	28	Thur.	21	3	·48	23	·90	16
1	Thur.	22	3	·89	14	·86	15	28	Fri.	20	P	·02	16	·62	13	29	Fri.	22	4	·52	24	·98	17
2	Fri.	23	4	·92	15	·92	16	29	Sat.	21	1	·07	17	·71	14	30	Sat.	23	5	·53	25	·99	18
3	Sat.	24	5	·99	...	...	17	30	Sun.	22	2	·15	18	·82	15	31	Sun.	24	6	·51	...	...	19
4	Sun.	25	..	...	16	·02	18	31	Mon.	23	3	·23	19	·93	16						26	·00	
5	Mon.	26	6	·06	17	·12	19	1	Tues.	24	4	·31	...	...	17	—32	Mon.	25	7	·49	27	·99	20
6	Tues.	27	7	·15	18	·22	20	2	Wed.	25	5	·39	20	·04	18	1	Tues.	26	8	·44	1	·98	21
7	Wed.	28	8	·24	19	·33	21	3	Thur.	26	6	·45	21	·13	19	2	Wed.	27	9	·38	2	·93	22
								4	Fri.	27	7	·51	22	·21	20	3	Thur.	28	10	·30	3	·88	23
								5	Sat.	28	8	·55	23	·28	21	4	Fri.	29	11	·22	4	·82	24
								6	Sun.	29	9	·56	24	·32	22	5	Sat.	30	12	·12	5	·75	25
								7	Mon.	30	10	·55	25	·35	23								

Pārthiva. **Makara—Tai.** *Vyaya.* **Mīna—Pāṅguni.** *Vyaya.* **Vrishabha—Vaigāsi.**
Pārthiva. **Kumbha—Māsi.** *Vyaya.* **Mēsha—Chittirai.** *Vyaya.* **Mithuna—Ani.**
Māgha. **Chaitra.** **Vaiśākha.** **Jyeshtha.**
Phālguna. **Āshādha.**

Jamāda'l awwal. *Rajab.* *Ramazān.*
Jamāda'l ākhir. *Sha'bān.* *Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1106. **Kollam 282,** { **N. Malabar—Aug.** **Hijra 500.** **Vikrama 1163.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 2.** **Bengal San. 512.**
P—Paurnimā. **(N. Cycle) Virodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	13 ·02 / 14 ·91	6 ·49	26	5	Sat. 1	2 ·45	13 ·05	—29	6	Thur. 1	4 ·93	19 ·03	2
7	Mon. 2	—A ·81	7 ·62	27	6	Sun. 2	3 ·45	14 ·06	1	7	Fri. 2	... ...	20 ·13	3
8	Tues. 3	1 ·71	8 ·55	28	7	Mon. 3	4 ·47	15 ·10	2	8	Sat. 3	5 ·02	21 ·24	4
9	Wed. 4	2 ·61	9 ·49	—29	8	Tues. 4	5 ·52	16 ·16	3	9	Sun. 4	6 ·10	22 ·34	5
10	Thur. 5	3 ·55	10 ·45	1	9	Wed. 5	6 ·57	17 ·23	4	10	Mon. 5	7 ·18	23 ·43	6
11	Fri. 6	4 ·49	11 ·42	2	10	Thur. 6	7 ·65	18 ·32	5	11	Tues. 6	8 ·24	24 ·52	7
12	Sat. 7	5 ·44	12 ·41	3	11	Fri. 7	8 ·73	19 ·42	6	12	Wed. 7	9 ·28	25 ·57	8
13	Sun. 8	6 ·42	13 ·41	4	12	Sat. 8	9 ·81	20 ·54	7	13	Thur. 8	10 ·29	26 ·61	9
14	Mon. 9	7 ·41	14 ·43	5	13	Sun. 9	10 ·90	21 ·64	8	14	Fri. 9	11 ·28	27 ·62	10
15	Tues. 10	8 ·43	15 ·47	6	14	Mon. 10	11 ·97	22 ·74	9	15	Sat. 10	12 ·27	1 ·62	11
16	Wed. 11	9 ·46	16 ·54	7	15	Tues. 11	... ...	23 ·82	10	16	Sun. 11	13 ·22	2 ·60	12
17	Thur. 12	10 ·53	17 ·63	8	16	Wed. 12	12 ·03	24 ·89	11	17	Mon. 12	14 ·17	3 ·56	13
18	Fri. 13	11 ·60	18 ·72	9	17	Thur. 13	13 ·06	25 ·95	12	18	Tues. 13	P ·09	4 ·51	14
19	Sat. 14	12 ·68	19 ·83	10	18	Fri. 14	14 ·08	26 ·97	13	19	Wed. 14	1 ·01 / 2 ·92	5 ·45	15
20	Sun. 15	13 ·76	20 ·93	11	19	Sat. 15	P ·07	27 ·98	14	20	Thur. 15	3 ·83	6 ·38	16
21	Mon. 16	14 ·84	... ...	12	20	Sun. 16	1 ·04	1 ·96	15	21	Fri. 16	4 ·73	7 ·32	17
22	Tues. ○ 17	P ·92	21 ·03	13	21	Mon. 17	2 ·01 / 3 ·95	2 ·93	16	22	Sat. 17	5 ·63	8 ·25	18
23	Wed. 18	1 ·97	22 ·14	14	22	Tues. 18	4 ·88	3 ·89	17	23	Sun. 18	6 ·54	9 ·18	19
24	Thur. 19	... ...	23 ·21	15	23	Wed. 19	5 ·79	4 ·84	18	24	Mon. 19	7 ·45	10 ·12	20
25	Fri. 20	2 ·00	24 ·27	16	24	Thur. 20	6 ·70	5 ·77	19	25	Tues. 20	8 ·39	11 ·07	21
26	Sat. 21	3 ·01	25 ·31	17	25	Fri. 21	7 ·60	6 ·70	20	26	Wed. 21	9 ·33	12 ·05	22
27	Sun. 22	4 ·01 / 5 ·98	26 ·32	18	26	Sat. 22	8 ·50	7 ·63	21	27	Thur. 22	10 ·29	13 ·03	23
					27	Sun. 23	9 ·40	8 ·56	22	28	Fri. 23	11 ·28	14 ·03	24
28	Mon. 23	6 ·94	27 ·33	19	28	Mon. 24	10 ·30	9 ·51	23	29	Sat. 24	12 ·27	15 ·05	25
29	Tues. 24	7 ·87	1 ·31	20	29	Tues. 25	11 ·22	10 ·46	24	1	Sun. 25	13 ·30	16 ·09	26
30	Wed. 25	8 ·79	2 ·27	21	30	Wed. 26	12 ·14	11 ·41	25	2	Mon. 26	14 ·34	17 ·15	27
31	Thur. 26	9 ·71	3 ·22	22	1	Thur. 27	13 ·09	12 ·38	26	3	Tues. 27	—A ·41	18 ·23	28
—32	Fri. 27	10 ·61	4 ·16	23	2	Fri. 28	14 ·04	13 ·37	27	4	Wed. 28	1 ·48	19 ·33	29
1	Sat. 28	11 ·51	5 ·10	24	3	Sat. 29	—A ·03	14 ·39	28	5	Thur. 29	2 ·57	20 ·43	—30
2	Sun. 29	12 ·41	6 ·03 / 7 ·96	25	4	Sun. 30	1 ·02	15 ·42	29	6	Fri. 30	3 ·66	21 ·54	1
3	Mon. 30	13 ·31	8 ·89	26										
4	Tues. 31	14 ·21	9 ·83	27										
	Aug.					**Oct.**					**Dec.**			
5	Wed. ● 1	—A ·12	10 ·78	28	5	Mon. 1	2 ·05	16 ·47	—30	7	Sat. 1	4 ·74	22 ·64	2
6	Thur. 2	1 ·05 / 2 ·98	11 ·75	29	6	Tues. 2	3 ·10	17 ·54	1	8	Sun. 2	5 ·82	23 ·74	3
7	Fri. 3	3 ·94	12 ·73	—30	7	Wed. 3	4 ·15	18 ·62	2	9	Mon. 3	6 ·87	24 ·82	4
8	Sat. 4	4 ·92	13 ·73	1	8	Thur. 4	5 ·23	19 ·73	3	10	Tues. 4	7 ·92	25 ·88	5
9	Sun. 5	5 ·92	14 ·74	2	9	Fri. 5	6 ·31	20 ·84	4	11	Wed. 5	8 ·93	26 ·92	6
10	Mon. 6	6 ·94	15 ·78	3	10	Sat. 6	7 ·40	21 ·94	5	12	Thur. 6	9 ·93	27 ·94	7
11	Tues. 7	7 ·98	16 ·85	4	11	Sun. 7	8 ·48	... ...	6	13	Fri. 7	10 ·91	1 ·95	8
12	Wed. 8	... ...	17 ·93	5	12	Mon. 8	9 ·56	22 ·04	7	14	Sat. 8	11 ·86	2 ·93	9
13	Thur. 9	8 ·03	... ...	6	13	Tues. 9	10 ·62	23 ·13	8	15	Sun. 9	12 ·81	3 ·90	10
14	Fri. 10	9 ·10	18 ·02	7	14	Wed. 10	11 ·65	24 ·20	9	16	Mon. 10	13 ·74	4 ·85	11
15	Sat. 11	10 ·18	19 ·12	8	15	Thur. 11	12 ·67	25 ·26	10	17	Tues. 11	14 ·66	5 ·79	12
16	Sun. 12	11 ·27	20 ·23	9	16	Fri. 12	13 ·66	26 ·29	11	18	Wed. 12	P ·56	6 ·73	13
17	Mon. 13	12 ·36	21 ·34	10	17	Sat. 13	14 ·64	27 ·30	12	19	Thur. 13	1 ·46	7 ·66	14
18	Tues. 14	13 ·43	22 ·44	11	18	Sun. 14	P ·60	1 ·29	13	20	Fri. 14	2 ·36	8 ·59	15
19	Wed. 15	14 ·49	23 ·52	12	19	Mon. 15	1 ·55	2 ·26	14	21	Sat. 15	3 ·27	9 ·52	16
20	Thur. 16	P ·52	24 ·58	13	20	Tues. 16	2 ·47	3 ·23	15	22	Sun. 16	4 ·18	10 ·46	17
21	Fri. 17	1 ·52	25 ·62	14	21	Wed. 17	3 ·38	4 ·18	16	23	Mon. 17	5 ·10	11 ·42	18
22	Sat. 18	2 ·52	26 ·65	15	22	Thur. 18	4 ·28	5 ·11	17	24	Tues. 18	6 ·03 / 7 ·97	12 ·38	19
23	Sun. 19	3 ·49	27 ·65	16	23	Fri. 19	5 ·18	6 ·04 / 7 ·97	18	25	Wed. 19	8 ·94	13 ·35	20
24	Mon. 20	4 ·45	1 ·63	17	24	Sat. 20	6 ·08 / 7 ·99	8 ·91	19	26	Thur. 20	9 ·92	14 ·35	21
25	Tues. 21	5 ·39	2 ·60	18						27	Fri. 21	10 ·92	15 ·36	22
26	Wed. 22	6 ·32	3 ·55	19	25	Sun. 21	8 ·90	9 ·85	20	28	Sat. 22	11 ·94	16 ·40	23
27	Thur. 23	7 ·23	4 ·50	20	26	Mon. 22	9 ·82	10 ·79	21	29	Sun. 23	12 ·99	17 ·46	24
28	Fri. 24	8 ·13	5 ·44	21	27	Tues. 23	10 ·74	11 ·74	22	—30	Mon. 24	... ...	18 ·54	25
29	Sat. 25	9 ·03 / 10 ·93	6 ·37	22	28	Wed. 24	11 ·70	12 ·71	23	1	Tues. 25	13 ·05	19 ·63	26
					29	Thur. 25	12 ·66	13 ·70	24	2	Wed. 26	14 ·12	20 ·73	27
30	Sun. 26	11 ·83	7 ·30	23	—30	Fri. 26	13 ·64	14 ·71	25	3	Thur. ● 27	—A ·21	21 ·84	28
—31	Mon. 27	12 ·74	8 ·23	24	1	Sat. 27	14 ·63	15 ·73	26	4	Fri. 28	1 ·30	22 ·95	—29
1	Tues. 28	13 ·65	9 ·16	25	2	Sun. 28	—A ·67	16 ·78	27	5	Sat. 29	2 ·39	... ...	1
2	Wed. 29	14 ·57	10 ·12	26	3	Mon. 29	1 ·71	17 ·84	28	6	Sun. 30	3 ·47	23 ·05	2
3	Thur. 30	—A ·52	11 ·08	27	4	Tues. 30	2 ·77	18 ·93	—29	7	Mon. 31	4 ·52	24 ·13	3
4	Fri. 31	1 ·47	12 ·06	28	5	Wed. 31	3 ·84	... ...	1					

Vyaya. **Karkataka—Ādi.** *Śrāvana.* *Sukla.* *Bahula.* *H.* 499 *Śiś-Lika'da.*

Vyaya. **Kanyā—Purattāsi.** *Āśvina.* *Sukla.* *Bahula.* *H.* 500 *Muharram.*

Vyaya. **Tulā—Aippasi.** *Kārttika.* *Sukla.* *Bahula.* *H.* 500 *Śafar.*

Vyaya. **Vṛiśchika—Kārttigai.** *Mārgaśirsha.* *Sukla.* *Bahula.* *H.* 500 *Rabi-ul awwal.*

Vyaya. **Dhanus—Mārgali.** *Pausha.* *Sukla.* *Bahula.* *H.* 500 *Rabi-ul ākhir.*

Vyaya. **Simha—Āvani.** *Bhādrapada.* *Sukla.* *Bahula.* *H.* 499 *Śrā-Lika'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab

A.D. 1107. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·43.** **Śaka 1029.** **Kaliyuga 4208.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·38.** **(S. Cycle) Sarvajit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Tues. 1	5 ·56	25 ·19	4	8	Fri. 1	5 ·73	3 ·89	4	8	Wed. 1	7 ·26	9 ·22	6
9	Wed. 2	6 ·57	26 ·24	5	9	Sat. 2	6 ·67	4 ·86	5	9	Thur. 2	8 ·16	10 ·15	7
10	Thur. 3	7 ·58	27 ·27	6	10	Sun. 3	7 ·60	5 ·81	6	10	Fri. 3	9 ·06 / 10 ·97	11 ·09	8
11	Fri. 4	8 ·55	1 ·28	7	11	Mon. 4	8 ·51	6 ·74	7	11	Sat. 4	11 ·91	12 ·05	9
12	Sat. 5	9 ·51	2 ·26	8	12	Tues. 5	9 ·41	7 ·68	8	12	Sun. 5	12 ·85	13 ·00 / 14 ·98	10
13	Sun. 6	10 ·46	3 ·23	9	13	Wed. 6	10 ·31	8 ·61	9	13	Mon. 6	13 ·81	15 ·97	11
14	Mon. 7	11 ·39	4 ·18	10	14	Thur. 7	11 ·21	9 ·54	10	14	Tues. 7	14 ·78	16 ·98	12
15	Tues. 8	12 ·30	5 ·13	11	15	Fri. 8	12 ·11	10 ·48	11	15	Wed. 8	P ·78	... ..	13
16	Wed. 9	13 ·21	6 ·07	12	16	Sat. 9	13 ·02 / 14 ·93	11 ·42	12	16	Thur. 9	1 ·80	17 ·01	14
17	Thur. ○ 10	14 ·11	7 ·00 / 8 ·93	13	17	Sun. 10	P ·86	12 ·37	13	17	Fri. 10	2 ·83	18 ·07	15
18	Fri. 11	P ·01 / 1 ·91	9 ·86	14	18	Mon. 11	1 ·81	13 ·34	14	18	Sat. 11	3 ·90	19 ·15	16
19	Sat. 12	2 ·81	10 ·81	15	19	Tues. 12	2 ·77	14 ·33	15	19	Sun. 12	4 ·97	20 ·23	17
20	Sun. 13	3 ·74	11 ·75	16	20	Wed. 13	3 ·75	15 ·33	16	20	Mon. 13	... ...	21 ·33	18
21	Mon. 14	4 ·67	12 ·71	17	21	Thur. 14	4 ·74	16 ·35	17	21	Tues. 14	5 ·05	22 ·44	19
22	Tues. 15	5 ·61	13 ·68	18	22	Fri. 15	5 ·77	17 ·39	18	22	Wed. 15	6 ·13	23 ·56	20
23	Wed. 16	6 ·57	14 ·67	19	23	Sat. 16	6 ·81	18 ·45	19	23	Thur. 16	7 ·21	24 ·65	21
24	Thur. 17	7 ·56	15 ·68	20	24	Sun. 17	7 ·86	19 ·54	20	24	Fri. 17	8 ·28	25 ·74	22
25	Fri. 18	8 ·56	16 ·72	21	25	Mon. 18	8 ·94	20 ·63	21	25	Sat. 18	9 ·32	26 ·81	23
26	Sat. 19	9 ·58	17 ·77	22	26	Tues. 19	... ...	21 ·74	22	26	Sun. 19	10 ·36	27 ·85	24
27	Sun. 20	10 ·63	18 ·84	23	27	Wed. 20	9 ·02	22 ·85	23	27	Mon. 20	11 ·37	1 ·89	25
28	Mon. 21	11 ·68	19 ·93	24	28	Thur. 21	10 ·11	23 ·95	24	28	Tues. 21	12 ·37	2 ·90	26
29	Tues. 22	12 ·76	.. ..	25	29	Fri. 22	11 ·19	... ...	25	29	Wed. 22	13 ·33	3 ·88	27
1	Wed. 23	13 ·85	20 ·03	26	30	Sat. 23	12 ·26	24 ·05	26	30	Thur. 23	14 ·29	4 ·85	28
2	Thur. 24	14 ·93	21 ·14	27	1	Sun. 24	13 ·31	25 ·11	27	31	Fri. 24	A ·22	5 ·81	29
3	Fri. 25	... ...	22 ·25	28	2	Mon. 25	14 ·34	26 ·19	28	32	Sat. 25	1 ·13	6 ·76	30
4	Sat. 26	A ·01	23 ·35	29	3	Tues. 26	A ·36	27 ·22	29			2 ·04		
5	Sun. 27	1 ·09	24 ·43	30	4	Wed. 27	1 ·35	1 ·24	30	1	Sun. 26	3 ·95	7 ·70	1
6	Mon. 28	2 ·16	25 ·50	1	5	Thur. 28	2 ·33	2 ·24	1	2	Mon. 27	4 ·85	8 ·63	2
7	Tues. 29	3 ·19	26 ·56	2	6	Fri. 29	3 ·28	3 ·23	2	3	Tues. 28	5 ·75	9 ·56	3
8	Wed. 30	4 ·21	27 ·59	3	7	Sat. 30	4 ·23	4 ·19	3	4	Wed. 29	6 ·65	10 ·49	4
9	Thur. 31	5 ·20	1 ·60	4	8	Sun. 31	5 ·14	5 ·14	4	5	Thur. 30	7 ·55	11 ·44	5
										6	Fri. 31	8 ·47	12 ·88	6
	Feb.					**April.**					**June.**			
10	Fri. 1	6 ·17	2 ·59	5			6 ·05			7	Sat. 1	9 ·39	13 ·34	7
11	Sat. 2	7 ·14	3 ·56	6	9	Mon. 1	7 ·95	6 ·08	5	8	Sun. 2	10 ·33	14 ·31	8
12	Sun. 3	8 ·08	4 ·53	7				7 ·01		9	Mon. 3	11 ·29	15 ·29	9
13	Mon. 4	9 ·01 / 10 ·92	5 ·47	8	10	Tues. 2	8 ·85	8 ·95	6	10	Tues. 4	12 ·26	16 ·30	10
14	Tues. 5	11 ·82	6 ·41	9	11	Wed. 3	9 ·75	9 ·88	7	11	Wed. 5	13 ·26	17 ·34	11
15	Wed. 6	12 ·72	7 ·34	10	12	Thur. 4	10 ·65	10 ·82	8	12	Thur. 6	14 ·28	18 ·36	12
16	Thur. 7	13 ·62	8 ·27	11	13	Fri. 5	11 ·56	11 ·75	9	13	Fri. 7	P ·32	19 ·45	13
17	Fri. 8	14 ·53	9 ·20	12	14	Sat. 6	12 ·47	12 ·70	10	14	Sat. 8	1 ·38	20 ·54	14
18	Sat. 9	P ·44	10 ·14	13	15	Sun. 7	13 ·41	13 ·68	11	15	Sun. 9	2 ·45	21 ·63	15
19	Sun. 10	1 ·36	11 ·08	14	16	Mon. 8	14 ·35	14 ·65	12	16	Mon. 10	3 ·53	22 ·75	16
20	Mon. 11	2 ·28	12 ·04	15	17	Tues. 9	P ·29	15 ·65	13	17	Tues. 11	4 ·61	23 ·85	17
21	Tues. 12	3 ·23	13 ·01 / 14 ·99	16	18	Wed. 10	1 ·28	16 ·66	14	18	Wed. 12	5 ·70	24 ·96	18
22	Wed. 13	4 ·18	... ...	17	19	Thur. 11	2 ·27	17 ·70	15	19	Thur. 13	6 ·76	... ...	19
23	Thur. 14	5 ·17	15 ·01	18	20	Fri. 12	3 ·30	18 ·77	16	20	Fri. 14	7 ·81	25 ·04	20
24	Fri. 15	6 ·16	16 ·03	19	21	Sat. 13	4 ·34	19 ·84	17	21	Sat. 15	8 ·84	26 ·12	21
25	Sat. 16	7 ·19	17 ·08	20	22	Sun. 14	5 ·40	20 ·93	18	22	Sun. 16	9 ·85	27 ·18	22
26	Sun. 17	8 ·24	18 ·15	21	23	Mon. 15	6 ·47	... ...	19	23	Mon. 17	10 ·84	1 ·21	23
27	Mon. 18	9 ·29	19 ·23	22	24	Tues. 16	7 ·55	21 ·04	20	24	Tues. 18	11 ·81	2 ·22	24
28	Tues. 19	10 ·37	20 ·34	23	25	Wed. 17	8 ·64	22 ·14	21	25	Wed. 19	12 ·77	3 ·21	25
29	Wed. 20	11 ·45	21 ·44	24	26	Thur. 18	9 ·72	23 ·25	22	26	Thur. 20	13 ·69	4 ·19	26
30	Thur. 21	12 ·54	22 ·55	25	27	Fri. 19	10 ·79	24 ·35	23	27	Fri. 21	14 ·61	5 ·15	27
1	Fri. 22	13 ·62	23 ·65	26	28	Sat. 20	11 ·83	25 ·43	24	28	Sat. 22	A ·53	6 ·10	28
2	Sat. 23	14 ·69	24 ·74	27	29	Sun. 21	12 ·87	26 ·50	25	29	Sun. 23	1 ·44	7 ·04 / 8 ·97	29
3	Sun. 24	A ·75	25 ·82	28	30	Mon. 22	13 ·88	27 ·54	26	30	Mon. 24	2 ·84	9 ·90	1
4	Mon. 25	1 ·78	26 ·88	29	31	Tues. 23	14 ·88	1 ·56	27	31	Tues. 25	3 ·23	10 ·83	2
5	Tues. 26	2 ·80	27 ·91	1	1	Wed. 24	A ·85	2 ·57	28	1	Wed. 26	4 ·13	11 ·77	3
6	Wed. 27	3 ·79	1 ·92	2	2	Thur. 25	1 ·79	3 ·56	29	2	Thur. 27	5 ·03 / 6 ·95	12 ·71	4
7	Thur. 28	4 ·77	2 ·91	3	3	Fri. 26	2 ·73	4 ·52	1	3	Fri. 28	7 ·87	13 ·67	5
					4	Sat. 27	3 ·65	5 ·48	2	4	Sat. 29	8 ·81	14 ·63	6
					5	Sun. 28	4 ·57	6 ·42	3	5	Sun. 30	9 ·76	15 ·62	7
					6	Mon. 29	5 ·46	7 ·36	4					
					7	Tues. 30	6 ·36	8 ·29	5					

Vyaya. Makara—Tai. Sukla. Māgha. Bahula. Vyaya. Kumbha—Māśi. Sukla. Phālguna. Bahula. Vyaya. Mīna—Panguni. Sukla. Chaitra. Bahula. Sarvajit. Mēsha—Chittirai. Sukla. Vaiśākha. Bahula. Sarvajit. Vrishabha—Vaigāśi. Sukla. Adhika Jyeshtha. Bahula. Sarvajit. Mithuna—Āni. Sukla. Nija Jyeshtha. Bahula. Āsh. Sukla.

H. 500 Jamāda'l awwal. H. 500 Jamāda'l ākhir. H. 500 Rajab. H. 500 Ramażān. H. 500 Shawwāl. H. 500 Zi-l-ka'da. H. 500 Zi-l-ḥi'jja.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1107. **Kollam 283.** { **N. Malabar—Aug.** **Hijra 501.** **Vikrama 1164.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 22.** **Bengal San. 513.**
P—Paurnimā. **(N. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	10 ·74	16 ·63	8	5	Sun.	1	12 ·05	23 ·75	11	6	Fri.	1	14 ·58	2 ·83	13
7	Tues.	2	11 ·74	17 ·65	9	6	Mon.	2	13 ·14	24 ·86	12	7	Sat.	2	P ·58	3 ·84	14
8	Wed.	3	12 ·75	18 ·69	10	7	Tues.	3	14 ·21	25 ·96	13	8	Sun.	3	1 ·55	4 ·84	15
9	Thur.	4	13 ·80	19 ·76	11	8	Wed.	4	P ·28	... ...	14	9	Mon.	4	2 ·50	5 ·81	16
10	Fri.	5	14 ·86	20 ·84	12	9	Thur.	5	1 ·33	26 ·04	15	10	Tues.	5	3 ·45	6 ·78	17
11	Sat. ○	6	P ·93	21 ·94	13	10	Fri.	6	2 ·37	27 ·11	16	11	Wed.	6	4 ·38	7 ·73	18
12	Sun.	7	... ...	... ...	14	11	Sat.	7	3 ·38	1 ·16	17	12	Thur.	7	5 ·29	8 ·67	19
13	Mon.	8	1 ·01	22 ·05	15	12	Sun.	8	4 ·37	2 ·18	18	13	Fri.	8	6 ·20	9 ·60	20
14	Tues.	9	2 ·09	23 ·15	16	13	Mon.	9	5 ·35	3 ·20	19	14	Sat.	9	7 ·10	10 53	21
15	Wed.	10	3 ·18	24 ·26	17	14	Tues.	10	6 ·30	4 ·18	20	15	Sun.	10	8 ·00	11 ·46	22
16	Thur.	11	4 ·24	25 ·35	18	15	Wed.	11	7 ·24	5 ·15	21				9 ·91		
17	Fri.	12	5 ·29	26 ·43	19	16	Thur.	12	8 ·16	6 ·11	22	16	Mon.	11	10 ·82	12 ·40	23
18	Sat.	13	6 ·32	27 ·49	20	17	Fri.	13	9 ·08	7 ·05	23	17	Tues.	12	11 ·73	13 ·34	24
19	Sun.	14	7 ·34	1 ·53	21				10 ·98	8 ·99		18	Wed.	13	12 ·67	14 ·29	25
20	Mon.	15	8 ·32	2 ·54	22	18	Sat.	14	11 ·88	9 ·92	24	19	Thur.	14	13 ·62	15 ·26	26
21	Tues.	16	9 ·30	3 ·54	23	19	Sun.	15	12 ·78	10 ·85	25	20	Fri.	15	14 ·57	16 ·24	27
22	Wed.	17	10 ·25	4 ·53	24	20	Mon.	16	13 ·69	11 ·78	26	21	Sat.	16	—A ·56	17 ·25	28
23	Thur.	18	11 ·18	5 ·49	25	21	Tues.	17	14 ·60	12 ·72	27	22	Sun.	17	1 ·57	18 ·27	29
24	Fri.	19	12 ·11	6 ·44	26	22	Wed.	18	—A ·51	13 ·68	28	23	Mon.	18	2 ·58	19 ·31	—30
25	Sat.	20	13 ·02	7 ·38	27	22	Thur.	19	1 ·45	14 ·63	29	24	Tues.	19	3 ·63	20 ·37	1
			14 ·92			24	Fri.	20	2 ·39	15 ·60	—30	25	Wed.	20	4 ·70	21 ·44	2
26	Sun.	21	A ·81	8 ·31	28	25	Sat.	21	3 ·35	16 ·59	1	26	Thur.	21	5 ·78	22 ·55	3
27	Mon.	22	1 ·71	9 ·24	29	26	Sun.	22	4 ·33	17 ·60	2	27	Fri.	22	6 ·86	23 ·65	4
28	Tues.	23	2 ·61	10 ·18	—30	27	Mon.	23	5 ·32	18 ·63	3	28	Sat.	23	7 ·95	24 ·76	5
29	Wed.	24	3 ·51	11 ·11	1	28	Tues.	24	6 ·35	19 ·69	4	29	Sun.	24	... ...	25 ·86	6
30	Thur.	25	4 ·43	12 ·05	2	29	Wed.	25	7 ·39	20 ·76	5	—30	Mon.	25	8 ·04	26 ·96	7
				13 ·00		—30	Thur.	26	8 ·46	21 ·84	6	1	Tues.	26	9 ·11	... ...	8
31	Fri.	26	5 ·36	14 ·96	3	1	Fri.	27	9 ·53	22 ·94	7	2	Wed.	27	10 ·18	27 ·04	9
—32	Sat.	27	6 ·30	15 ·95	4	2	Sat.	28	10 ·62	... ...	8	3	Thur.	28	11 ·21	1 ·10	10
1	Sun.	28	7 ·25	16 ·95	5	3	Sun.	29	11 ·70	23 ·05	9	4	Fri.	29	12 ·22	2 ·14	11
2	Mon.	29	8 ·24	17 ·97	6	4	Mon.	30	12 ·78	24 ·16	10	5	Sat.	30	13 ·22	3 ·16	12
3	Tues.	30	9 ·23	... ...	7												
4	Wed.	31	10 ·26	18 ·00	8												
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	11 ·30	19 ·06	9	5	Tues.	1	13 ·86	25 ·26	11	6	Sun.	1	14 ·19	4 ·16	13
6	Fri.	2	12 ·36	20 ·15	10	6	Wed.	2	14 ·91	26 ·35	12	7	Mon.	2	P ·15	5 ·15	14
7	Sat.	3	13 ·43	21 ·24	11	7	Thur.	3	P ·96	27 ·42	13	8	Tues.	3	1 ·09	6 ·12	15
8	Sun.	4	14 ·51	22 ·34	12	8	Fri.	4	1 ·96	1 ·47	14	9	Wed.	4	2 ·02	7 ·07	16
9	Mon.	5	P ·60	23 ·45	13	9	Sat.	5	2 ·96	2 ·51	15				3 ·94		
10	Tues.	6	1 ·70	24 ·55	14	10	Sun.	6	3 ·93	3 ·52	16	10	Thur.	5	4 ·85	8 ·01	17
11	Wed.	7	2 ·75	25 ·66	15	11	Mon.	7	4 ·89	4 ·51	17					9 ·94	
12	Thur.	8	3 ·80	26 ·74	16	12	Tues.	8	5 ·83	5 ·48	18	11	Fri.	6	5 ·75	10 ·87	18
13	Fri.	9	4 ·82	27 ·80	17	13	Wed.	9	6 ·75	6 ·44	19	12	Sat.	7	6 ·65	11 ·81	19
14	Sat.	10	5 ·84	1 ·84	18	14	Thur.	10	7 ·67	7 ·40	20	13	Sun.	8	7 ·55	12 ·74	20
15	Sun.	11	6 ·85	2 ·86	19	15	Fri.	11	8 ·57	8 ·33	21	14	Mon.	9	8 ·45	13 ·68	21
16	Mon.	12	7 ·81	3 ·86	20	16	Sat.	12	9 ·47	9 ·26	22	15	Tues.	10	9 ·37	14 ·63	22
17	Tues.	13	8 ·76	4 ·85	21	17	Sun.	13	10 ·37	10 ·19	23	16	Wed.	11	10 ·30	15 ·59	23
18	Wed.	14	9 ·70	5 ·82	22	18	Mon.	14	11 ·28	11 ·12	24	17	Thur.	12	11 ·25	16 ·57	24
19	Thur.	15	10 ·62	6 ·77	23	19	Tues.	15	12 ·19	12 ·07	25	18	Fri.	13	12 ·21	17 ·57	25
20	Fri.	16	11 ·53	7 ·71	24	20	Wed	16	13 ·10	13 ·01	26	19	Sat.	14	13 ·21	18 ·58	26
21	Sat.	17	12 ·43	8 ·65	25					14 ·96		20	Sun.	15	14 ·21	19 ·62	27
22	Sun.	18	13 ·33	9 ·59	26	21	Thur.	17	14 ·04	15 ·93	27	21	Mon. ●	16	—A ·22	20 ·67	28
23	Mon.	19	14 ·23	10 ·51	27				A ·98			22	Tues.	17	1 ·28	21 ·76	—29
24	Tues.	20	—A ·13	11 ·45	28	22	Fri.	18	1 ·95	16 ·92	28	23	Wed.	18	2 ·35	22 ·85	1
25	Wed.	21	1 ·04	12 ·38	—29	23	Sat.	19	2 ·93	17 ·92	—29	24	Thur.	19	3 ·42	23 ·95	2
			2 ·95			24	Sun.	20	3 ·94	18 ·95	1	25	Fri.	20	4 ·51	... ...	3
26	Thur.	22	3 ·89	13 ·33	1	25	Mon.	21	4 ·95	... ...	2	26	Sat.	21	5 ·60	24 ·06	4
27	Fri.	23	4 ·83	14 ·30	2	26	Tues.	22	... ...	19 ·00	3	27	Sun.	22	6 ·68	25 ·16	5
28	Sat.	24	5 ·78	15 ·28	3	27	Wed.	23	5 ·00	20 ·06	4	28	Mon.	23	7 ·75	26 ·27	6
29	Sun.	25	6 ·77	16 ·27	4	28	Thur.	24	6 ·07	21 ·14	5	—29	Tues.	24	8 ·82	27 ·35	7
30	Mon.	26	7 ·76	17 ·28	5	29	Fri.	25	7 ·14	22 ·24	6	1	Wed.	25	9 ·85	1 ·41	8
—31	Tues.	27	8 ·79	18 ·32	6	—30	Sat.	26	8 ·22	23 ·35	7	2	Thur.	26	10 ·87	2 ·46	9
1	Wed.	28	9 ·83	19 ·38	7	1	Sun.	27	9 ·31	24 ·46	8	3	Fri.	27	11 ·86	3 ·48	10
2	Thur.	29	10 ·89	20 ·45	8	2	Mon.	28	10 ·40	25 ·56	9	4	Sat.	28	12 ·84	4 ·49	11
3	Fri.	30	11 ·96	21 ·54	9	3	Tues.	29	11 ·47	26 ·65	10	5	Sun.	29	13 ·79	5 ·48	12
4	Sat.	31	... ...	22 ·64	10	4	Wed.	30	12 ·53	27 ·73	11	6	Mon.	30	14 ·74	6 ·45	13
						5	Thur.	31	13 ·57	1 ·79	12	7	Tues. ○	31	P ·66	7 ·40	14

Sarvajit. **Karkaṭaka—Āḍi.** — Bahula. **Āshādha.** Sukla. — Bahula. **Śrāvana.** Sukla. — Bahula. **Bhād.** Sukla. — Bahula. **Āśvina.** Sukla. — Bahula. **Kārttika.** Sukla. — Bahula. **Mārgaśirsha.** Sukla. — Bahula. **Pausha.** Sukla.

Sarvajit. **Siṁha—Avaṇi.** — Bahula. **Śrāvana.** Sukla. — Bahula. **Bhād.** Sukla. — Bahula. **Āśvina.** Sukla. — Bahula. **Kārttika.** Sukla. — Bahula. **Mārgaśirsha.** Sukla. — Bahula. **Pausha.** Sukla. — Bahula. **Māgha.** Sukla.

Sarvajit. **Kanyā—Puraṭṭāśi.** — Bahula. **Āśvina.** Sukla. — Bahula. **Kārttika.** Sukla. — Bahula. **Mārgaśirsha.** Sukla. — Bahula. **Pausha.** Sukla. — Bahula. **Māgha.** Sukla. — Bahula. **Phālguna.** Sukla.

Sarvajit. **Tulā—Aippaśi.** — Bahula. **Kārttika.** Sukla. — Bahula. **Mārgaśirsha.** Sukla. — Bahula. **Pausha.** Sukla. — Bahula. **Māgha.** Sukla. — Bahula. **Phālguna.** Sukla. — Bahula. **Chaitra.** Sukla.

Sarvajit. **Vṛiśchika—Kārttigai.** — Bahula. **Mārgaśirsha.** Sukla. — Bahula. **Pausha.** Sukla. — Bahula. **Māgha.** Sukla. — Bahula. **Phālguna.** Sukla. — Bahula. **Chaitra.** Sukla. — Bahula. **Vaiśākha.** Sukla.

Sarvajit. **Dhanus—Mārgali.** — Bahula. **Pausha.** Sukla. — Bahula. **Māgha.** Sukla. — Bahula. **Phālguna.** Sukla. — Bahula. **Chaitra.** Sukla. — Bahula. **Vaiśākha.** Sukla. — Bahula. **Jyeshṭha.** Sukla.

H. 500 Ẓi-l-ka'da. — H. 501 Muharram. — H. 501 Ṣafar. — H. 501 Rabi-ul awwal. — H. 501 Rabi-ul ākhir. — H. 501 Jamādā'l awwal.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1108. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 23·68.** **Śaka 1030.** **Kaliyuga 4209.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·63.** **(S. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Wed.	1	1 ·57	8 ·34	15	9	Sun.	1	2 ·32	14 ·64	16	8	Fri.	1	4 ·12	20 ·23	18
9	Thur.	2	2 ·48	9 ·28	16	10	Mon.	2	3 ·23	15 ·59	17	9	Sat.	2	5 ·15	21 ·28	19
10	Fri.	3	3 ·38	10 ·22	17	11	Tues.	3	4 ·16	16 ·56	18	10	Sun.	3	6 ·18	22 ·37	20
11	Sat.	4	4 ·28	11 ·15	18	12	Wed.	4	5 ·10	17 ·54	19	11	Mon.	4	7 ·24	23 ·46	21
12	Sun.	5	5 ·18	12 ·08	19	13	Thur.	5	6 ·07	18 ·54	20	12	Tues.	5	8 ·32	24 ·56	22
				13 ·01		14	Fri.	6	7 ·05	19 ·57	21	13	Wed.	6	9 ·40	25 ·66	23
13	Mon.	6	6 ·10	14 ·96	20	15	Sat.	7	8 ·06	20 ·61	22	14	Thur.	7	10 ·48	26 ·77	24
						16	Sun.	8	9 ·08	21 ·67	23	15	Fri.	8	11 ·56	27 ·88	25
14	Tues.	7	7 ·02	15 ·93	21	17	Mon.	9	10 ·12	22 ·75	24	16	Sat.	9	12 ·63	1 ·96	26
			8 ·94														
15	Wed.	8	9 ·89	16 ·90	22	18	Tues.	10	11 ·18	23 ·85	25	17	Sun.	10	13 ·68	... ...	27
16	Thur.	9	10 ·86	17 ·89	23	19	Wed.	11	12 ·25	24 ·96	26	18	Mon.	11	14 ·70	2 ·03	28
17	Fri.	10	11 ·85	18 ·90	24	20	Thur.	12	13 ·34	... ...	27	19	Tues.	12	—A ·72	3 ·07	29
18	Sat.	11	12 ·86	19 ·93	25	21	Fri.	13	14 ·43	25 ·07	28	20	Wed.	13	1 ·70	4 ·10	—30
19	Sun.	12	13 ·87	20 ·99	26	22	Sat.	14	—A ·51	26 ·17	29	21	Thur.	14	2 ·67	5 ·12	1
20	Mon.	13	14 ·92	... ...	27	23	Sun.	15	1 ·58	27 ·26	—30	22	Fri.	15	3 ·62	6 ·10	2
21	Tues.	14	—A ·99	21 ·06	28	24	Mon.	16	2 ·63	1 ·34	1	23	Sat.	16	4 ·56	7 ·07	3
22	Wed.	15	... ...	22 ·15	29	25	Tues.	17	3 ·67	2 ·41	2					8 ·03	
23	Thur.	16	1 ·06	23 ·25	—30	26	Wed.	18	4 ·67	3 ·45	3	24	Sun.	17	5 ·48	9 ·97	4
24	Fri.	17	2 ·14	24 ·35	1	27	Thur.	19	5 ·66	4 ·46	4	25	Mon.	18	6 ·38	10 ·91	5
25	Sat.	18	3 ·28	25 ·47	2	28	Fri.	20	6 ·62	5 ·46	5	26	Tues.	19	7 ·28	11 ·85	6
26	Sun.	19	4 ·32	26 ·57	3	29	Sat.	21	7 ·58	6 ·44	6	27	Wed.	20	8 ·18	12 ·78	7
27	Mon.	20	5 ·40	27 ·65	4	30	Sun.	22	8 ·53	7 ·41	7				9 ·08		
28	Tues.	21	6 ·45	1 ·72	5	—31	Mon.	23	9 ·45	8 ·36	8	28	Thur.	21	10 ·98	13 ·71	8
—29	Wed.	22	7 ·49	2 ·77	6	1	Tues.	24	10 ·36	9 ·30	9	29	Fri.	22	11 ·89	14 ·65	9
1	Thur.	23	8 ·51	3 ·80	7	2	Wed.	25	11 ·26	10 ·23	10	30	Sat.	23	12 ·80	15 ·59	10
2	Fri.	24	9 ·49	4 ·82	8	3	Thur.	26	12 ·16	11 ·16	11	—31	Sun.	24	13 ·72	16 ·56	11
3	Sat.	25	10 ·47	5 ·81	9				13 ·06			1	Mon.	25	14 ·66	17 ·53	12
4	Sun.	26	11 ·42	6 ·78	10	4	Fri.	27	14 ·96	12 ·10	12	2	Tues.	26	P ·62	18 ·51	13
5	Mon.	27	12 ·37	7 ·73	11					13 ·03		3	Wed.	27	1 ·61	19 ·52	14
6	Tues.	28	13 ·29	8 ·68	12	5	Sat.	28	P ·87	14 ·97	13	4	Thur.	28	2 ·61	20 ·55	15
7	Wed.	29	14 ·21	9 ·63	13	6	Sun.	29	1 ·79	15 ·92	14	5	Fri.	29	3 ·63	21 ·60	16
8	Thur.	30	P ·11	10 ·56	14	7	Mon.	30	2 ·71	16 ·88	15	6	Sat.	30	4 ·67	22 ·67	17
			1 ·01			8	Tues.	31	3 ·66	17 ·86	16	7	Sun.	31	5 ·73	23 ·76	18
9	Fri.	31	2 ·91	11 ·49	15												
		Feb.						**April.**						**June.**			
10	Sat.	1	3 ·82	12 ·42	16	9	Wed.	1	4 ·62	18 ·87	17	8	Mon.	1	6 ·80	24 ·85	19
11	Sun.	2	4 ·73	13 ·35	17	10	Thur.	2	5 ·60	19 ·88	18	9	Tues.	2	7 ·88	25 ·36	20
12	Mon.	3	5 ·64	14 ·30	18	11	Fri.	3	6 ·61	20 ·92	19	10	Wed.	3	8 ·97	... ...	21
13	Tues.	4	6 ·57	15 ·26	19	12	Sat.	4	7 ·63	21 ·98	20	11	Thur.	4	... ...	26 ·07	22
14	Wed.	5	7 ·51	16 ·23	20	13	Sun.	5	8 ·67	... ...	21	12	Fri.	5	9 ·04	27 ·17	23
15	Thur.	6	8 ·48	17 ·21	21	14	Mon.	6	9 ·73	22 ·05	22	13	Sat.	6	10 ·11	1 ·27	24
16	Fri.	7	9 ·46	18 ·22	22	15	Tues.	7	10 ·81	23 ·16	23	14	Sun.	7	11 ·16	2 ·34	25
17	Sat.	8	10 ·47	19 ·25	23	16	Wed.	8	11 ·89	24 ·26	24	15	Mon.	8	12 ·19	3 ·39	26
18	Sun.	9	11 ·50	20 ·30	24	17	Thur.	9	12 ·98	25 ·36	25	16	Tues.	9	13 ·20	4 ·42	27
19	Mon.	10	12 ·54	21 ·37	25	18	Fri.	10	... ...	26 ·47	26	17	Wed.	10	14 ·19	5 ·43	28
20	Tues.	11	13 ·60	22 ·45	26	19	Sat.	11	13 ·06	27 ·56	27	18	Thur. ●	11	—A ·15	6 ·43	—29
21	Wed.	12	14 ·67	23 ·55	27	20	Sun.	12	14 ·12	1 ·65	28	19	Fri.	12	1 ·10	7 ·40	1
22	Thur.	13	—A ·76	24 ·65	28	21	Mon.	13	—A ·17	2 ·72	—29				2 ·04		
23	Fri.	14	1 ·85	25 ·77	—29	22	Tues.	14	1 ·20	3 ·76	1	20	Sat.	13	3 ·96	8 ·36	2
24	Sat.	15	2 ·93	26 ·87	1	23	Wed.	15	2 ·22	4 ·78	2				4 ·86	9 ·30	
25	Sun.	16	... ...	27 ·96	2	24	Thur.	16	3 ·20	5 ·78	3	21	Sun.	14	5 ·76	10 ·24	3
26	Mon.	17	3 ·01	... ...	3	25	Fri.	17	4 ·18	6 ·78	4	22	Mon.	15	6 ·66	11 ·17	4
27	Tues.	18	4 ·06	1 ·03	4	26	Sat.	18	5 ·13	7 ·74	5	23	Tues.	16	7 ·55	12 ·11	5
28	Wed.	19	5 ·10	2 ·09	5				6 ·06			24	Wed.	17	8 ·45	13 ·05	6
29	Thur.	20	6 ·11	3 ·13	6	27	Sun.	19	7 ·98	8 ·70	6	25	Thur.	18		14 ·98	7
—30	Fri.	21	7 ·10	4 ·14	7	28	Mon.	20	8 ·89	9 ·64	7	26	Fri.	19	9 ·36	15 ·93	8
1	Sat.	22	8 ·07	5 ·13	8	29	Tues.	21	9 ·79	10 ·57	8	27	Sat.	20	10 ·27	16 ·89	9
			9 ·02			30	Wed.	22	10 ·69	11 ·50	9	28	Sun.	21	11 ·20	17 ·85	10
2	Sun.	23	10 ·96	6 ·11	9	—31	Thur.	23	11 ·59	12 ·44	10	29	Mon.	22	12 ·14	18 ·84	11
3	Mon.	24	11 ·88	7 ·07	10	1	Fri.	24	12 ·49	13 ·37	11	30	Tues.	23	13 ·10	19 ·84	12
				8 ·03		2	Sat.	25	13 ·39	14 ·31	12	31	Wed.	24	14 ·08	20 ·87	13
4	Tues.	25	12 ·79	9 ·06	11	3	Sun.	26	14 ·30	15 ·26	13	—32	Thur.	25	P ·08	21 ·91	14
5	Wed.	26	13 ·70	10 ·89	12	4	Mon.	27	P ·28	16 ·21	14	1	Fri.	26	1 ·11	22 ·98	15
6	Thur.	27	14 ·61	11 ·82	13	5	Tues.	28	1 ·17	17 ·20	15	2	Sat.	27	2 ·15	... ...	16
7	Fri.	28	P ·51	12 ·75	14	6	Wed.	29	2 ·13	18 ·19	16	3	Sun.	28	3 ·21	23 ·08	17
8	Sat.	29	1 ·41	13 ·70	15	7	Thur.	30	3 ·12	19 ·20	17	4	Mon.	29	4 ·28	24 ·15	18
												5	Tues.	30	5 ·36	25 ·27	19

Sarvajit. **Makara—Tai.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvajit. **Kumbha—Māsi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvajit. **Mīna—Pāguni.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvajit. **Mīna—Pāguni.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvadhārin. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvadhārin. **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Sarvadhārin. **Mithuna—Āni.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

Pausha. *Māgha.* *Phālguna.* *Chaitra.* *Vaisākha.* *Jyeshtha.* *Āshādha.*

H. 501 *Jamāda'l ākhir.* *H.* 501 *Jamāda'l awwal.* *H.* 501 *Rajab.* *H.* 501 *Sha'bān.* *H.* 501 *Ramazān.* *H.* 501 *Shawwāl.* *H.* 501 *Zi-l-ka'da.* *H.* 501 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vis. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1108. **Kollam 284,** { **N. Malabar—Aug.** **Hijra 502.** **Vikrama 1165.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 11.** **Bengal San. 514.**
P—Paurnimā. **(N. Cycle) Khara.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
	6 Wed. 1	6 ·45	26 ·37	20		6 Tues. 1	9 ·66	6 ·41	22		7 Sun. 1	11 ·37	13 ·75	24
	7 Thur. 2	7 ·53	27 ·47	21		7 Wed. 2	10 ·61	7 ·40	23		8 Mon. 2	12 ·27	14 ·68	25
	8 Fri. 3	8 ·59	1 ·57	22		8 Thur. 3	11 ·55	8 ·37	24		9 Tues. 3	13 ·17	15 ·61	26
	9 Sat. 4	9 ·63	2 ·64	23		9 Fri. 4	12 ·47	9 ·33	25		10 Wed. 4	14 ·08	16 ·56	27
	10 Sun. 5	10 ·66	3 ·70	24		10 Sat. 5	13 ·38	10 ·27	26			A ·00		
	11 Mon. 6	11 ·68	4 ·75	25		11 Sun. 6	14 ·28	11 ·20	27		11 Thur. 5	1 ·94	17 ·51	28
	12 Tues. 7	12 ·66	5 ·76	26		12 Mon. 7	A ·18	12 ·14	28		12 Fri. 6	2 ·88	18 ·48	29
	13 Wed. 8	13 ·63	6 ·76	27			1 ·08				13 Sat. 7	3 ·85	19 ·46	30
	14 Thur. 9	14 ·59	7 ·73	28		13 Tues. 8	2 ·98	13 ·07	29		14 Sun. 8	4 ·84	20 ·46	1
	15 Fri. 10	A ·52	8 ·70	29				14 ·00			15 Mon. 9	5 ·84	21 ·49	2
	16 Sat. 11	1 ·43	9 ·66	30		14 Wed. 9	3 ·88	15 ·94	30		16 Tues. 10	6 ·87	22 ·53	3
	17 Sun. 12	2 ·34	10 ·59	1		15 Thur. 10	4 ·80	16 ·88	1		17 Wed. 11	7 ·91	23 ·59	4
	18 Mon. 13	3 ·24	11 ·53	2		16 Fri. 11	5 ·73	17 ·84	2		18 Thur. 12	8 ·98	24 ·67	5
	19 Tues. 14	4 ·14	12 ·46	3		17 Sat. 12	6 ·68	18 ·82	3		19 Fri. 13	... ...	25 ·76	6
	20 Wed. 15	5 ·04	13 ·39	4		18 Sun. 13	7 ·64	19 ·81	4		20 Sat. 14	9 ·06	26 ·87	7
		6 ·94				19 Mon. 14	8 ·63	20 ·82	5		21 Sun. 15	10 ·15	27 ·98	8
	21 Thur. 16	7 ·84	14 ·33	5		20 Tues. 15	9 ·63	21 ·85	6		22 Mon. 16	11 ·24	... ...	9
	22 Fri. 17	8 ·75	15 ·27	6		21 Wed. 16	10 ·65	22 ·90	7		23 Tues. 17	12 ·32	1 ·08	10
	23 Sat. 18	9 ·68	16 ·22	7		22 Thur. 17	11 ·70	23 ·98	8		24 Wed. 18	13 ·39	2 ·18	11
	24 Sun. 19	10 ·63	17 ·18	8		23 Fri. 18	12 ·76	... ...	9		25 Thur. 19	14 ·44	3 ·25	12
	25 Mon. 20	11 ·59	18 ·16	9		24 Sat. 19	13 ·84	24 ·06	10		26 Fri. 20	P ·48	4 ·31	13
	26 Tues. 21	12 ·56	19 ·17	10		25 Sun. 20	14 ·92	25 ·16	11		27 Sat. 21	1 ·50	5 ·36	14
	27 Wed. 22	13 ·57	20 ·19	11		26 Mon. 21	... ...	26 ·27	12		28 Sun. 22	2 ·49	6 ·38	15
	28 Thur. 23	14 ·59	21 ·22	12		27 Tues. 22	P ·02	27 ·37	13		29 Mon. 23	3 ·46	7 ·38	16
	29 Fri. 24	P ·64	22 ·28	13		28 Wed. 23	1 ·10	1 ·48	14		30 Tues. 24	4 ·42	8 ·36	17
	30 Sat. 25	1 ·70	23 ·36	14		29 Thur. 24	2 ·17	2 ·57	15		1 Wed. 25	5 ·36	9 ·33	18
	31 Sun. 26	2 ·77	24 ·45	15		30 Fri. 25	3 ·22	3 ·64	16		2 Thur. 26	6 ·28	10 ·29	19
	1 Mon. 27	3 ·85	25 ·57	16		31 Sat. 26	4 ·25	4 ·69	17		3 Fri. 27	7 ·20	11 ·23	20
	2 Tues. 28	4 ·93	26 ·67	17		1 Sun. 27	5 ·27	5 ·72	18		4 Sat. 28	8 ·10	12 ·16	21
	3 Wed. 29	... ...	27 ·78	18		2 Mon. 28	6 ·25	6 ·74	19			9 ·00		
	4 Thur. 30	5 ·01	1 ·87	19		3 Tues. 29	7 ·23	7 ·73	20		5 Sun. 29	10 ·90	13 ·09	22
	5 Fri. 31	6 ·08	2 ·95	20		4 Wed. 30	8 ·18	8 ·70	21				14 ·02	
	Aug.					**Oct.**					6 Mon. 30	11 ·81	15 ·96	23
	6 Sat. 1	7 ·14	... ...	21		5 Thur. 1	9 ·11	9 ·66	22			**Dec.**		
	7 Sun. 2	8 ·16	3 ·02	22			10 ·03				7 Tues. 1	12 ·72	16 ·90	24
	8 Mon. 3	9 ·17	4 ·06	23		6 Fri. 2	11 ·24	10 ·60	23		8 Wed. 2	13 ·64	17 ·85	25
	9 Tues. 4	10 ·16	5 ·08	24		7 Sat. 3	12 ·85	11 ·54	24		9 Thur. 3	14 ·57	18 ·81	26
	10 Wed. 5	11 ·13	6 ·08	25		8 Sun. 4	13 ·76	12 ·48	25		10 Fri. 4	A ·52	19 ·78	27
	11 Thur. 6	12 ·09	7 ·06	26		9 Mon. 5	14 ·66	13 ·41	26		11 Sat. 5	1 ·49	20 ·79	28
		13 ·02	8 ·04			10 Tues. 6	A ·56	14 ·34	27		12 Sun. 6	2 ·47	21 ·80	29
	12 Fri. 7	14 ·94	9 ·99	27		11 Wed. 7	1 ·47	15 ·28	28		13 Mon. 7	3 ·49	22 ·84	1
	13 Sat. 8	A ·85	10 ·93	28		12 Thur. 8	2 ·38	16 ·22	29		14 Tues. 8	4 ·51	23 ·89	2
	14 Sun. 9	1 ·75	11 ·87	29		13 Fri. 9	3 ·31	17 ·18	1		15 Wed. 9	5 ·55	24 ·97	3
	15 Mon. 10	2 ·65	12 ·70	30		14 Sat. 10	4 ·26	18 ·15	2		16 Thur. 10	6 ·62	... ...	4
	16 Tues. 11	3 ·54	13 ·73	1		15 Sun. 11	5 ·23	19 ·13	3		17 Fri. 11	7 ·70	25 ·07	5
	17 Wed. 12	4 ·44	14 ·67	2		16 Mon. 12	6 ·22	20 ·14	4		18 Sat. 12	8 ·79	26 ·17	6
	18 Thur. 13	5 ·34	15 ·60	3		17 Tues. 13	7 ·22	21 ·16	5		19 Sun. 13	9 ·87	27 ·28	7
	19 Fri. 14	6 ·26	16 ·55	4		18 Wed. 14	8 ·25	22 ·22	6		20 Mon. 14	10 ·95	1 ·88	8
	20 Sat. 15	7 ·19	17 ·51	5		19 Thur. 15	9 ·29	23 ·28	7		21 Tues. 15	... ...	2 ·48	9
	21 Sun. 16	8 ·14	18 ·50	6		20 Fri. 16	10 ·35	24 ·36	8		22 Wed. 16	11 ·03	3 ·56	10
	22 Mon. 17	9 ·10	19 ·49	7		21 Sat. 17	11 ·43	25 ·46	9		23 Thur. 17	12 ·09	4 ·68	11
	23 Tues. 18	10 ·08	20 ·50	8		22 Sun. 18	12 ·52	26 ·57	10		24 Fri. 18	13 ·18	5 ·68	12
	24 Wed. 19	11 ·09	21 ·54	9		23 Mon. 19	13 ·61	27 ·68	11		25 Sat. 19	14 ·14	6 ·70	13
	25 Thur. 20	12 ·11	22 ·59	10		24 Tues. 20	14 ·69	1 ·78	12		26 Sun. 20	P ·13	7 ·71	14
	26 Fri. 21	13 ·15	23 ·66	11		25 Wed. 21	P ·76	2 ·87	13		27 Mon. 21	1 ·11	8 ·69	15
	27 Sat. 22	14 ·21	24 ·76	12		26 Thur. 22	1 ·82	3 ·95	14		28 Tues. 22	2 ·07	9 ·67	16
	28 Sun. 23	P ·29	25 ·86	13		27 Fri. 23	2 ·86	... ...	15			3 ·01		
	29 Mon. 24	1 ·37	26 ·97	14		28 Sat. 24	3 ·87	4 ·00	16		29 Wed. 23	4 ·93	10 ·62	17
	30 Tues. 25	2 ·46	... ...	15		29 Sun. 25	4 ·85	5 ·05	17		1 Thur. 24	5 ·84	11 ·56	18
	31 Wed. 26	3 ·54	27 ·07	16		1 Mon. 26	5 ·82	6 ·06	18		2 Fri. 25	6 ·75	12 ·50	19
	1 Thur. 27	4 ·61	1 ·17	17		2 Tues. 27	6 ·78	7 ·06	19		3 Sat. 26	7 ·65	13 ·43	20
	2 Fri. 28	5 ·66	2 ·27	18		3 Wed. 28	7 ·72	8 ·03	20		4 Sun. 27	8 ·55	14 ·37	21
	3 Sat. 29	6 ·69	3 ·33	19				9 ·99			5 Mon. 28	9 ·46	15 ·30	22
	4 Sun. 30	7 ·71	4 ·38	20		4 Thur. 29	8 ·64	10 ·94	21		6 Tues. 29	10 ·37	16 ·23	23
	5 Mon. 31	8 ·69	5 ·40	21		5 Fri. 30	9 ·56	11 ·89	22		7 Wed. 30	11 ·29	17 ·18	24
						6 Sat. 31	10 ·47	12 ·82	23		8 Thur. 31	12 ·22	18 ·14	25

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1109. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·94.** **Śaka 1031.** **Kaliyuga 4210.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·89.** **(S. Cycle) Virodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Fri. 1	13 ·17	19 ·12	26	8	Mon. 1	13 ·38	24 ·89	26	8	Sat. 1	—**A** ·89	... ...	28
10	Sat. 2	14 ·14	20 ·11	27	9	Tues. 2	14 ·43	25 ·97	27	9	Sun. 2	1 ·96	3 ·09	29
11	Sun. 3	—**A** ·12	21 ·12	28	10	Wed. 3	—**A** ·49	... ...	28	10	Mon. 3	... ...	4 ·17	—30
12	Mon. 4	1 ·13	22 ·15	29	11	Thur. 4	1 ·57	26 ·07	29	11	Tues. 4	2 ·00	5 ·25	1
13	Tues. 5	2 ·15	23 ·20	—30	12	Fri. 5	2 ·65	27 ·17	—30	12	Wed. 5	3 ·03	6 ·29	2
14	Wed. 6	3 ·20	24 ·27	1	13	Sat. 6	3 ·75	1 ·29	1	13	Thur. 6	4 ·04	7 ·32	3
15	Thur. 7	4 ·27	25 ·37	2	14	Sun. 7	4 ·83	2 ·39	2	14	Fri. 7	5 ·03	8 ·33	4
16	Fri. 8	5 ·35	26 ·47	3	15	Mon. 8	5 ·90	3 ·48	3			6 ·99		
17	Sat. 9	6 ·44	27 ·57	4	16	Tues. 9	6 ·95	4 ·56	4	15	Sat. 8	7 ·94	9 ·31	5
18	Sun. 10	7 ·53	1 ·68	5	17	Wed. 10	7 ·97	5 ·62	5	16	Sun. 9	8 ·87	10 ·29	6
19	Mon. 11	8 ·61	2 ·78	6	18	Thur. 11	8 ·99	6 ·67	6	17	Mon. 10	9 ·79	11 ·25	7
20	Tues. 12	9 ·68	3 ·88	7	19	Fri. 12	9 ·97	7 ·68	7	18	Tues. 11	10 ·70	12 ·19	8
21	Wed. 13	10 ·74	4 ·94	8	20	Sat. 13	10 ·95	8 ·68	8	19	Wed. 12	11 ·60	13 ·13	9
22	Thur. 14	11 ·77	5 ·99	9	21	Sun. 14	11 ·89	9 ·66	9	20	Thur. 13	12 ·50	14 ·06	10
23	Fri. 15	12 ·79	... ...	10	22	Mon. 15	12 ·83	10 ·62	10	21	Fri. 14	13 ·39	15 ·00	11
24	Sat. 16	13 ·77	6 ·02	11	23	Tues. 16	13 ·75	11 ·58	11				16 ·93	
25	Sun. 17	14 ·75	7 ·03	12	24	Wed. 17	14 ·67	12 ·52	12	22	Sat. 15	14 ·29	17 ·86	12
26	Mon. 18	**P** ·71	8 ·08	13	25	Thur. 18	**P** ·57	13 ·45	13	23	Sun.○16	**P** ·20	18 ·81	13
27	Tues. 19	1 ·64	9 ·00	14	26	Fri. 19	1 ·47	14 ·38	14	24	Mon. 17	1 ·12	19 ·76	14
			10 ·95		27	Sat. 20	2 ·37	15 ·31	15	25	Tues. 18	2 ·04	20 ·74	15
28	Wed. 20	2 ·56	11 ·90	15	28	Sun. 21	3 ·27	16 ·24	16			3 ·98		
29	Thur. 21	3 ·48	12 ·84	16	29	Mon. 22	4 ·18	17 ·19	17	26	Wed. 19	4 ·95	21 ·73	16
—30	Fri. 22	4 ·38	13 ·78	17	—30	Tues. 23	5 ·09	18 ·14	18	27	Thur. 20	5 ·93	22 ·74	17
1	Sat. 23	5 ·28	14 ·71	18	1	Wed. 24	6 ·01	19 ·10	19	28	Fri. 21	6 ·93	23 ·77	18
2	Sun. 24	6 ·18	15 ·64	19			7 ·96			29	Sat. 22	7 ·95	24 ·81	19
3	Mon. 25	7 ·09	16 ·57	20	2	Thur. 25	8 ·93	20 ·08	20	30	Sun. 23	... ...	25 ·89	20
4	Tues. 26	8 ·00	17 ·51	21	3	Fri. 26	9 ·91	21 ·08	21	—31	Mon. 24	8 ·00	26 ·98	21
		9 ·92			4	Sat. 27	10 ·91	22 ·10	22	1	Tues. 25	9 ·05	... ...	22
5	Wed. 27	10 ·85	18 ·48	22	5	Sun. 28	11 ·94	23 ·14	23	2	Wed. 26	10 ·18	27 ·07	23
6	Thur. 28	11 ·80	19 ·45	23	6	Mon. 29	12 ·98	24 ·20	24	3	Thur. 27	11 ·22	1 ·18	24
7	Fri. 29	12 ·77	20 ·43	24	7	Tues. 30	... ...	25 ·27	25	4	Fri. 28	12 ·29	2 ·29	25
8	Sat. 30	13 ·76	21 ·44	25	8	Wed. 31	13 ·05	26 ·37	26	5	Sat. 29	13 ·37	3 ·39	26
9	Sun. 31	14 ·76	22 ·46	26						6	Sun. 30	14 ·44	4 ·48	27
										7	Mon.●31	—**A** ·49	5 ·56	28
	Feb.					**April.**					**June.**			
10	Mon. 1	—**A** ·79	23 ·51	27	9	Thur. 1	14 ·12	27 ·48	27	8	Tues. 1	1 ·51	6 ·61	—29
11	Tues. 2	1 ·83	24 ·59	28	10	Fri. 2	—**A** ·21	1 ·58	28	9	Wed. 2	2 ·52	7 ·64	1
12	Wed. 3	2 ·89	25 ·67	—29	11	Sat. 3	1 ·30	2 ·69	—29	10	Thur. 3	3 ·51	8 ·65	2
13	Thur. 4	3 ·97	26 ·77	1	12	Sun. 4	2 ·37	3 ·78	1	11	Fri. 4	4 ·47	9 ·65	3
14	Fri. 5	... ...	27 ·87	2	13	Mon. 5	3 ·44	4 ·87	2	12	Sat. 5	5 ·42	10 ·62	4
15	Sat. 6	4 ·06	1 ·98	3	14	Tues. 6	4 ·49	5 ·94	3	13	Sun. 6	6 ·35	11 ·58	5
16	Sun. 7	5 ·15	... ...	4	15	Wed. 7	5 ·52	6 ·98	4	14	Mon. 7	7 ·27	12 ·53	6
17	Mon. 8	6 ·23	2 ·09	5	16	Thur. 8	6 ·53	... ...	5	15	Tues. 8	8 ·18	13 ·47	7
18	Tues. 9	7 ·30	3 ·18	6	17	Fri. 9	7 ·52	7 ·00	6	16	Wed. 9	9 ·09	14 ·41	8
19	Wed. 10	8 ·35	4 ·25	7				8 ·00				10 ·98		
20	Thur. 11	9 ·38	5 ·31	8	18	Sat. 10	8 ·49	9 ·99	7	17	Thur. 10	11 ·87	15 ·34	9
21	Fri. 12	10 ·40	6 ·34	9	19	Sun. 11	9 ·43	10 ·95	8	18	Fri. 11	12 ·77	16 ·27	10
22	Sat. 13	11 ·39	7 ·36	10	20	Mon. 12	10 ·37	11 ·92	9	19	Sat. 12	13 ·68	17 ·20	11
23	Sun. 14	12 ·37	8 ·35	11	21	Tues. 13	11 ·29	12 ·86	10	20	Sun. 13	14 ·60	18 ·14	12
24	Mon. 15	13 ·32	9 ·33	12	22	Wed. 14	12 ·20	13 ·79	11	21	Mon. 14	**P** ·52	19 ·11	13
25	Tues. 16	14 ·25	10 ·29	13	23	Thur. 15	13 ·10	14 ·72	12	22	Tues. 15	1 ·47	20 ·07	14
26	Wed. 17	**P** ·18	11 ·23	14			14 ·00			23	Wed. 16	2 ·43	21 ·06	15
27	Thur. 18	1 ·09	12 ·18	15	24	Fri. 16	**P** ·90	15 ·65	13	24	Thur. 17	3 ·40	22 ·06	16
		2 ·00			25	Sat. 17	1 ·80	16 ·59	14	25	Fri. 18	4 ·41	23 ·08	17
28	Fri. 19	3 ·90	13 ·11	16	26	Sun. 18	2 ·70	17 ·53	15	26	Sat. 19	5 ·43	24 ·12	18
					27	Mon. 19	3 ·61	18 ·48	16	27	Sun. 20	6 ·47	25 ·20	19
29	Sat. 20	4 ·80	14 ·04	17	28	Tues. 20	4 ·55	19 ·43	17	28	Mon. 21	7 ·53	26 ·28	20
			15 ·97		29	Wed. 21	5 ·49	20 ·41	18	29	Tues. 22	8 ·61	27 ·37	21
—30	Sun. 21	5 ·70	16 ·91	18	30	Thur. 22	6 ·46	21 ·41	19	30	Wed. 23	9 ·69	1 ·48	22
1	M. 22	6 ·61	17 ·85	19	—31	Fri. 23	7 ·43	22 ·42	20	31	Thur. 24	10 ·77	2 ·58	23
2	Tues. 23	7 ·53	18 ·81	20	1	Sat. 24	8 ·44	23 ·45	21	—32	Fri. 25	11 ·85	3 ·70	24
3	Wed. 24	8 ·46	19 ·78	21	2	Sun. 25	9 ·46	24 ·51	22	1	Sat. 26	12 ·92	4 ·79	25
4	Thur. 25	9 ·40	20 ·76	22	3	Mon. 26	10 ·50	25 ·58	23	2	Sun. 27	13 ·96	5 ·86	26
5	Fri. 26	10 ·36	21 ·76	23	4	Tues. 27	11 ·57	26 ·68	24	3	Mon. 28	14 ·99	6 ·92	27
6	Sat. 27	11 ·35	22 ·78	24	5	Wed. 28	12 ·64	27 ·78	25	4	Tues. 29	... ...	7 ·96	28
7	Sun. 28	12 ·35	23 ·83	25	6	Thur. 29	13 ·73	1 ·88	26					
					7	Fri. 30	14 ·81	2 ·99	27	5	Wed. 30	**A** ·01	8 ·98	29
												1 ·99		

Sarvadhārin. **Makara—Tai.** *Māgha.* *Śukla.* *Bahula.* *H. 502 Jamādā'l ākhir.*

Sarvadhārin. **Kumbha—Māgh.** *Phālguna.* *Śukla.* *Bahula.* *H. 502 Rajab.*

Sarvadhārin. **Mīna—Panguni.** *Chaitra.* *Śukla.* *Bahula.* *H. 502 Sha'bān.*

Virodhin. **Mēsha—Chittirai.** *Vaiśākha.* *Śukla.* *Bahula.* *H. 502 Ramazān.*

Virodhin. **Vrishabha—Vaigāśi.** *Jyeshtha.* *Śukla.* *Bahula.* *H. 502 Shawwāl.*

Virodhin. **Mithuna—Āni.** *Āshādha.* *Śukla.* *Bahula.* *H. 502 Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1109 — Kollam 285, (W. Malabar—Aug. 31 (E. Malabar—July) — Hijra 502 (Commences July 31) — Viruma 1285 — Bengal San. 516 — (W. Cycle) Mandasor

A—Amávásya
P—Pournimá

Solar reckoning: Cycle, current year, month and day	Solar reckoning: Week-day, Rásis, Degrees and Minutes	Lunar reckoning: Tithi ending, Nakshatra ending, Nakshatra ending, week-day and Yoga	Solar reckoning: Cycle, current year, month and day	Solar reckoning: Week-day, Rásis, Degrees and Minutes	Lunar reckoning: Tithi ending, Nakshatra ending, Nakshatra ending, week-day and Yoga	Solar reckoning: Cycle, current year, month and day	Solar reckoning: Week-day, Rásis, Degrees and Minutes	Lunar reckoning: Tithi ending, Nakshatra ending, Nakshatra ending, week-day and Yoga
Pingala. Karkataka—Áśl.	July.	Śrávaṇa.	Sep.	Kanyá—Purattási.	Adhika Áśvina.	Nov	Vṛśchika—Kártigai.	Kártika.
6 Tues. 1	2 26	9 38	6 Wed. 1		5 37 13 23	3	3 Mon. 1	7 19 23 35
7 Fri. 2	3 30	10 36	7 Thur. 2		6 37 17 22	4	4 Tues. 2	8 22 27 39
8 Sat. 3	4 32	11 32	8 Fri. 3		7 32 18 18	5	5 Wed. 3	9 24 31 43
9 Sun. 4	5 35	12 28	9 Sat. 4		8 ... 18 20	6	6 Thur. 4	10 26 35 47
10 Mon. 5	6 38	13 21	Śrávaṇa.		9 34 20 16	7	7 Fri. 5	11 28 39 51
11 Tues. 6	7 36	14 15	10 Sun. 5		10 36		8 Sat. 6	12 30 43 55
12 Wed. 7	8 40	15 08	11 Mon. 6		11 36 21 00	8	9 Sun. 7	13 32 47 59
13 Thur. 8	9 36	16 01	12 Tues. 7		12 33 22 02	9	10 Mon. 8	14 34 52 03
14 Fri. 9	10 32	17 54	13 Wed. 8		13 30 23 04	10	11 Tues. 9	15 36 56 07
15 Sat. 10	11 28	18 49	14 Thur. 9		14 26 23 59	11	12 Wed. 10	16 38 60 11
16 Sun. 11	12 27	19 44	15 Fri. 10		15 22 24 52	12	13 Thur. 11	17 40 64 15
17 Mon. 12	13 00	20 40	16 Sat. 11		P 1 20 25 43	13	14 Fri. 12	18 42 68 19
18 Tues. 12	14 56	21 38	17 Sun. 12		1 56 27 28	14	15 Sat. 13	19 44 72 23
19 Wed. 14	P 1 51	22 32	18 Mon. 13		2 52 1 30	15	16 Sun. 14	20 46 76 27
20 Thur. 15	2 50	23 30	19 Tues. 14		3 48 2 26	16	17 Mon. 15	21 48 80 31
21 Fri. 16	3 46	24 24	20 Wed. 15		4 32 3 06	17	18 Tues. 16	22 50 84 35
22 Sat. 17	4 30	25 20	21 Thur. 16		5 40 4 06	18	19 Wed. 17	23 52 88 39
28 Sun. 18	...	26 16	22 Fri. 17		6 37 5 03	19	20 Thur. 18	24 54 92 43
24 Mon. 19	5 01	27 07	23 Sat. 18		7 34 6 00	20	21 Fri. 19	25 56 96 47
25 Tues. 20	6 05	1 72	24 Sun. 19		8 30 6 56	21	22 Sat. 20	26 58 100 51
26 Wed. 21	7 12	2 66	25 Mon. 20		9 26 7 52	22	23 Sun. 21	27 60 104 55
27 Thur. 22	8 26	... ...	26 Tues. 21		10 22 8 48	23	24 Mon. 22	28 62 108 59
28 Fri. 23	9 24	3 60	27 Wed. 22		11 18 9 44	24	25 Tues. 23	29 64 112 63
29 Sat. 24	10 41	4 56	28 Thur. 23		12 14 10 40	25	26 Wed. 24	A 1 66 116 67
30 Sun. 25	11 46	5 17	29 Fri. 24		13 41 12 36	26	27 Thur. 25	2 68 120 71
31 Mon. 26	12 42	3 23	30 Sat. 25		14 32 13 32	27	28 Fri. 26	3 70 124 75
1 Tues. 27	13 43	7 22	31 Sun. 26		A 24 14 28	28	29 Sat. 27	4 72 128 79
2 Wed. 28	14 47	8 20	1 Mon. 27		1 14 15 25	29	30 Sun. 28	5 74 132 83
3 Thur. 29	A 45	9 20	2 Tues. 28		2 04 16 22	30		
4 Fri. 30	1 26	10 22	3 Wed. 29		3 54 17 18			
5 Sat. 31	2 32	11 27	4 Thur. 30		4 35 17 58			
	Aug.			Oct.			Dec.	
6 Sun. 1	3 24	12 21	5 Fri. 1		5 27 19 44	1	1 Wed. 1	6 76 136 87
7 Mon. 2	4 15	13 15	6 Sat. 2		6 21 20 36	2	2 Thur. 2	7 78 140 91
8 Tues. 3	5 05	14 09	7 Sun. 3		7 16 21 27	3	3 Fri. 3	8 80 144 95
	6 05		8 Mon. 4		8 12 22 18	4	4 Sat. 4	9 82 148 99
9 Wed. 4	7 05	15 01	9 Tues. 5		9 08 23 10	5	5 Sun. 5	10 84 152 103
10 Thur. 5	8 75	17 88	10 Wed. 6		10 02 24 04	6	6 Mon. 6	11 86 156 107
11 Fri. 6	9 66	18 82	11 Thur. 7		11 52 24 56	7	7 Tues. 7	12 88 160 111
12 Sat. 7	10 57	19 77	12 Fri. 8		12 46 25 50	8	8 Wed. 8	13 90 164 115
13 Sun. 8	11 51	20 73	13 Sat. 9		13 40 26 44	9	9 Thur. 9	14 92 168 119
14 Mon. 9	12 45	21 71	14 Sun. 10		14 36 27 38	10	10 Fri. 10	15 94 172 123
15 Tues. 10	13 41	22 70	15 Mon. 11		P 1 32 2 74	11	11 Sat. 11	16 96 176 127
16 Wed. 11	14 40	23 72	16 Tues. 12		2 28 3 69	12	12 Sun. 12	17 98 180 131
17 Thur. 12	P 28	24 76	17 Wed. 13		3 24 4 64	13	13 Mon. 13	18 100 184 135
18 Fri. 12	1 42	25 81	18 Thur. 14		4 20 5 60	14	14 Tues. 14	19 102 188 139
19 Sat. 14	2 47	26 88	19 Fri. 15		5 16 6 56	15	15 Wed. 15	20 104 192 143
20 Sun. 15	3 56	27 97	20 Sat. 16		6 12 7 52	16	16 Thur. 16	21 106 196 147
21 Mon. 16	4 81	... ...	21 Sun. 17		7 08 8 48	17	17 Fri. 17	22 108 200 151
22 Tues. 17	5 96	1 06	22 Mon. 18		8 04 9 44	18	18 Sat. 18	23 110 204 155
23 Wed. 18	6 78	2 19	23 Tues. 19		9 00 10 40	19	19 Sun. 19	24 112 208 159
24 Thur. 19	7 86	3 30	24 Wed. 20		9 56 11 36	20	20 Mon. 20	25 114 212 163
25 Fri. 20	8 92	4 39	25 Thur. 21		10 52 12 32	21	21 Tues. 21	26 116 216 167
26 Sat. 21	9 97	5 46	26 Fri. 22		11 48 13 28	22	22 Wed. 22	27 118 220 171
27 Sun. 22	...	6 55	27 Sat. 23		12 44 14 24	23	23 Thur. 23	28 120 224 175
28 Mon. 23	10 90	7 60	28 Sun. 24		13 40 15 20	24	24 Fri. 24	29 122 228 179
29 Tues. 24	11 82	8 62	29 Mon. 25		14 36 16 16	25	25 Sat. 25	30 124 232 183
30 Wed. 25	12 86	9 62	30 Tues. 26		A 16 17 12	26	26 Sun. 26	31 126 236 187
31 Thur. 26	13 81	10 61	31 Wed. 27		1 54 17 50	27	27 Mon. 27	32 128 240 191
1 Fri. 27	A 85	11 56	1 Thur. 28		2 50 18 46	28	28 Tues. 28	33 130 244 195
2 Sat. 28	1 77	12 54	2 Fri. 29		3 46 19 42	29	29 Wed. 29	34 132 248 199
3 Sun. 29	2 66	13 49	3 Sat. 30		4 42 20 38	30	30 Thur. 30	35 134 252 203
4 Mon. 30	3 58	14 42	4 Sun. 31		5 38 21 34	31	31 Fri. 31	36 136 256 207
5 Tues. 31	4 48	15 35	5 Mon. 1		6 17 22 22			

13. Hasta. 14. Chit. 15. Svâti. 16. Visâk. 17. Anur. 18. Jyesh. 19. Mûla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satay.

A.D. 1110. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·20.** **Śaka 1032.** **Kaliyuga 4211.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·15.** **(S. Cycle) Vikṛita.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	9 ·64	2 ·69	7	8	Tues. 1	8 ·13	6 ·70	7	8	Sun. 1	10 ·31	12 ·53	9
9	Sun. 2	10 ·73	3 ·80	8	9	Wed. 2	9 ·19	7 ·78	8	9	Mon. 2	11 ·26	13 ·50	10
10	Mon. 3	11 ·62	4 ·90	9	10	Thur. 3	10 ·25	8 ·84	9	10	Tues. 3	12 ·19	14 ·47	11
11	Tues. 4	12 ·90	... ...	10	11	Fri. 4	11 ·28	9 ·88	10	11	Wed. 4	13 ·11	15 ·41	12
12	Wed. 5	13 ·97	5 ·00	11	12	Sat. 5	12 ·29	10 ·89	11	12	Thur.○ 5	14 ·02	16 ·35	13
13	Thur. 6	... ...	6 ·09	12	13	Sun. 6	13 ·28	11 ·90	12			P ·92		
14	Fri. 7	14 ·03	7 ·16	13	14	Mon. 7	14 ·25	12 ·88	13	13	Fri. 6	1 ·81	17 ·28	14
15	Sat. 8	P ·06	8 ·21	14	15	Tues. 8	P ·20	13 ·84	14	14	Sat. 7	2 ·72	18 ·21	15
16	Sun. 9	1 ·07	9 ·24	15	16	Wed. 9	1 ·13	14 ·79	15	15	Sun. 8	3 ·61	19 ·15	16
17	Mon. 10	2 ·06	10 ·25	16	17	Thur. 10	2 ·05	15 ·73	16	16	Mon. 9	4 ·52	20 ·08	17
18	Tues. 11	3 ·03	11 ·24	17	18	Fri. 11	3 ·96	16 ·67	17	17	Tues. 10	5 ·44	21 ·03	18
		4 ·98					4 ·86						22 ·98	
19	Wed. 12	5 ·92	12 ·22	18	19	Sat. 12	5 ·76	17 ·60	18	18	Wed. 11	6 ·36	23 ·95	19
20	Thur. 13	6 ·85	13 ·17	19	20	Sun. 13	6 ·66	18 ·53	19	19	Thur. 12	7 ·31	24 ·95	20
21	Fri. 14	7 ·76	14 ·12	20	21	Mon. 14	7 ·57	19 ·46	20	20	Fri. 13	8 ·27	25 ·96	21
22	Sat. 15	8 ·66	15 ·05	21	22	Tues. 15	8 ·48	20 ·40	21	21	Sat. 14	9 ·26	26 ·99	22
			16 ·98		23	Wed. 16	9 ·40	21 ·36	22	22	Sun. 15	10 ·26	... ...	23
23	Sun. 16	9 ·56	17 ·91	22	24	Thur. 17	10 ·32	22 ·32	23	23	Mon. 16	11 ·29	27 ·03	24
24	Mon. 17	10 ·47	18 ·85	23	25	Fri. 18	11 ·37	23 ·30	24	24	Tues. 17	12 ·33	1 ·10	25
25	Tues. 18	11 ·37	19 ·79	24	26	Sat. 19	12 ·24	24 ·30	25	25	Wed. 18	13 ·39	2 ·19	26
26	Wed. 19	12 ·28	20 ·73	25	27	Sun. 20	13 ·22	25 ·31	26	26	Thur. 19	14 ·47	3 ·30	27
27	Thur. 20	13 ·20	21 ·69	26	28	Mon. 21	14 ·23	26 ·36	27	27	Fri. 20	A ·55	4 ·40	28
28	Fri. 21	14 ·14	22 ·66	27	29	Tues. 22	A ·26	27 ·42	28	28	Sat. 21	1 ·64	5 ·51	29
29	Sat. 22	A ·09	23 ·65	28	30	Wed. 23	1 ·31	1 ·49	29	29	Sun. 22	2 ·71	6 ·61	1
1	Sun. 23	1 ·06	24 ·66	29	1	Thur. 24	2 ·37	2 ·59	1	30	Mon. 23	3 ·77	7 ·70	2
2	Mon. 24	2 ·04	25 ·68	1	2	Fri. 25	3 ·44	3 ·69	2	31	Tues. 24	4 ·82	8 ·78	3
3	Tues. 25	3 ·04	26 ·73	2	3	Sat. 26	4 ·53	4 ·81	3	1	Wed. 25	5 ·84	9 ·83	4
4	Wed. 26	4 ·08	27 ·80	3	4	Sun. 27	5 ·61	5 ·91	4	2	Thur. 26	6 ·85	10 ·86	5
5	Thur. 27	5 ·13	1 ·89	4	5	Mon. 28	6 ·69	... ...	5	3	Fri. 27	7 ·83	11 ·87	6
6	Fri. 28	6 ·20	2 ·99	5	6	Tues. 29	7 ·75	6 ·01	6	4	Sat. 28	8 ·80	12 ·86	7
7	Sat. 29	7 ·28	... ...	6	7	Wed. 30	8 ·80	7 ·09	7	5	Sun. 29	9 ·74	13 ·84	8
8	Sun. 30	8 ·37	3 ·09	7	8	Thur. 31	9 ·83	8 ·15	8	6	Mon. 30	10 ·67	14 ·80	9
9	Mon. 31	9 ·45	4 ·20	8						7	Tues. 31	11 ·59	15 ·75	10
	Feb.					**April.**					**June.**			
10	Tues. 1	10 ·53	5 ·30	9	9	Fri. 1	10 ·85	9 ·19	9	8	Wed. 1	12 ·50	16 ·69	11
11	Wed. 2	11 ·60	6 ·40	10	10	Sat. 2	11 ·83	10 ·22	10	9	Thur. 2	13 ·40	17 ·62	12
12	Thur. 3	12 ·65	7 ·47	11	11	Sun. 3	12 ·80	11 ·22	11	10	Fri. 3	14 ·29	18 ·56	13
13	Fri. 4	13 ·68	8 ·53	12	12	Mon. 4	13 ·75	12 ·21	12	11	Sat. 4	P ·20	19 ·49	14
14	Sat. 5	14 ·70	9 ·56	13	13	Tues. 5	14 ·67	13 ·17	13	12	Sun. 5	1 ·09	20 ·42	15
15	Sun. 6	P ·69	10 ·57	14	14	Wed. 6	P ·59	14 ·12	14			2 ·00		
16	Mon. 7	1 ·66	11 ·57	15	15	Thur. 7	1 ·50	15 ·08	15	13	Mon. 6	3 ·92	21 ·36	16
17	Tues. 8	2 ·60	12 ·55	16	16	Fri. 8	2 ·40	16 ·01	16	14	Tues. 7	4 ·84	22 ·32	17
18	Wed. 9	3 ·54	13 ·52	17				17 ·94		15	Wed. 8	5 ·79	23 ·28	18
19	Thur. 10	4 ·46	14 ·45	18	17	Sat. 9	3 ·30	18 ·87	17	16	Thur. 9	6 ·75	24 ·28	19
20	Fri. 11	5 ·38	15 ·39	19	18	Sun. 10	4 ·20	19 ·80	18	17	Fri. 10	7 ·73	25 ·28	20
21	Sat. 12	6 ·28	16 ·32	20	19	Mon. 11	5 ·10	20 ·75	19	18	Sat. 11	8 ·73	26 ·30	21
22	Sun. 13	7 ·18	17 ·26	21	20	Tues. 12	6 ·01	21 ·69	20	19	Sun. 12	9 ·76	27 ·34	22
23	Mon. 14	8 ·08	18 ·19	22			7 ·93			20	Mon. 13	10 ·81	1 ·41	23
		9 ·98			21	Wed. 13	8 ·86	22 ·65	21	21	Tues. 14	11 ·87	2 ·50	24
24	Tues. 15	10 ·89	19 ·13	23	22	Thur. 14	9 ·81	23 ·63	22	22	Wed. 15	12 ·95	3 ·59	25
25	Wed. 16	11 ·81	20 ·07	24	23	Fri. 15	10 ·77	24 ·62	23	23	Thur. 16	... ...	4 ·70	26
26	Thur. 17	12 ·74	21 ·02	25	24	Sat. 16	11 ·76	25 ·64	24	24	Fri. 17	13 ·03	5 ·81	27
27	Fri. 18	13 ·69	22 ·00	26	25	Sun. 17	12 ·76	26 ·67	25	25	Sat. 18	14 ·11	6 ·91	28
			23 ·98		26	Mon. 18	13 ·79	27 ·73	26	26	Sun. 19	A ·18	... ...	29
28	Sat. 19	14 ·67	24 ·98	27	27	Tues. 19	14 ·83	1 ·80	27	27	Mon. 20	1 ·25	7 ·01	30
29	Sun. 20	A ·65	... ...	28	28	Wed. 20	A ·89	2 ·89	28	28	Tues. 21	2 ·30	8 ·08	1
30	Mon. 21	1 ·66	25 ·00	29	29	Thur. 21	1 ·97	3 ·99	29	29	Wed. 22	3 ·33	9 ·14	2
1	Tues. 22	2 ·69	26 ·04	30	30	Fri. 22	... ...	... ...	30	30	Thur. 23	4 ·33	10 ·18	3
2	Wed. 23	3 ·73	27 ·11	1	31	Sat. 23	2 ·06	4 ·10	1	31	Fri. 24	5 ·32	11 ·19	4
3	Thur. 24	4 ·80	1 ·19	2	1	Sun. 24	3 ·14	5 ·21	2	32	Sat. 25	6 ·28	12 ·20	5
4	Fri. 25	5 ·87	2 ·29	3	2	Mon. 25	4 ·21	6 ·31	3	1	Sun. 26	7 ·23	13 ·17	6
5	Sat. 26	6 ·96	3 ·39	4	3	Tues. 26	5 ·27	7 ·39	4	2	Mon. 27	8 ·16	14 ·14	7
6	Sun. 27	... ...	4 ·50	5	4	Wed. 27	6 ·32	8 ·46	5	3	Tues. 28	9 ·07	15 ·08	8
7	Mon. 28	7 ·05	5 ·61	6	5	Thur. 28	7 ·35	9 ·52	6			10 ·98		
					6	Fri. 29	8 ·37	10 ·54	7	4	Wed. 29	11 ·88	16 ·02	9
					7	Sat. 30	9 ·34	11 ·55	8				17 ·96	
										5	Thur. 30	12 ·78	18 ·90	10

Naksh:— 1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1110. **Kollam 286,** { **N. Malabar—Aug.** **Hijra 504.** **Vikrama 1167.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 20.** **Bengal San. 516.**
P—Paurnimā. **(N. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	13 ·68	19 ·82	11	5	Thur.	1	Bhād. 1 ·25	26 ·26	14	6	Tues.	1	3 ·74	5 ·30	16
7	Sat.	2	14 ·58	20 ·76	12	6	Fri.	2	2 ·24	27 ·29	15	7	Wed.	2	4 ·83	6 ·41	17
8	Sun.	3	P ·48	21 ·70	13	7	Sat.	3	3 ·27	1 ·34	16	8	Thur.	3	5 ·91	7 ·51	18
9	Mon.	4	1 ·40	22 ·65	14	8	Sun.	4	4 ·32	2 ·41	17	9	Fri.	4	6 ·98	8 ·62	19
10	Tues.	5	2 ·32	23 ·62	15	9	Mon.	5	5 ·38	3 ·49	18	10	Sat.	5	... ...	9 ·70	20
11	Wed.	6	3 ·27	24 ·60	16	10	Tues.	6	6 ·46	4 ·60	19	11	Sun.	6	7 ·03	10 ·75	21
12	Thur.	7	4 ·24	25 ·60	17	11	Wed.	7	7 ·55	5 ·71	20	12	Mon.	7	8 ·07	11 ·79	22
13	Fri.	8	5 ·21	26 ·62	18	12	Thur.	8	8 ·64	6 ·81	21	13	Tues.	8	9 ·07	12 ·81	23
14	Sat.	9	6 ·22	27 ·65	19	13	Fri.	9	9 ·72	7 ·91	22	14	Wed.	9	10 ·06	13 ·82	24
15	Sun.	10	7 ·25	1 ·72	20	14	Sat.	10	10 ·79	... ...	23				11 ·02		
16	Mon.	11	8 ·30	2 ·80	21	15	Sun.	11	11 ·83	8 ·00	24	15	Thur.	10	12 ·98	14 ·80	25
17	Tues.	12	9 ·36	3 ·89	22	16	Mon.	12	12 ·86	9 ·07	25	16	Fri.	11	13 ·92	15 ·76	26
18	Wed.	13	10 ·43	... ...	23	17	Tues.	13	13 ·87	10 ·13	26	17	Sat.	12	14 ·84	16 ·71	27
19	Thur.	14	11 ·52	4 ·00	24	18	Wed.	14	14 ·85	11 ·16	27	18	Sun.	13	A ·75	17 ·65	28
20	Fri.	15	12 ·60	5 ·10	25	19	Thur.	15	A ·82	12 ·17	28	19	Mon.	14	1 ·65	18 ·60	29
21	Sat.	16	13 ·67	6 ·22	26	20	Fri.	16	1 ·77	13 ·16	29	20	Tues.	15	2 ·55	19 ·53	1
22	Sun.	17	14 ·74	7 ·31	27	21	Sat.	17	2 ·71	14 ·13	1	21	Wed.	16	3 ·45	20 ·46	2
23	Mon.	18	A ·79	8 ·39	28	22	Sun.	18	3 ·62	15 ·10	2	22	Thur.	17	4 ·36	21 ·39	3
24	Tues.	19	1 ·81	9 ·45	29					16 ·04		23	Fri.	18	5 ·27	22 ·33	4
25	Wed.	20	2 ·81	10 ·49	1	23	Mon.	19	4 ·53	17 ·98	3	24	Sat.	19	6 ·19	23 ·28	5
26	Thur.	21	3 ·80	11 ·52	2	24	Tues.	20	5 ·44	18 ·91	4	25	Sun.	20	7 ·13	24 ·25	6
27	Fri.	22	4 ·76	12 ·52	3	25	Wed.	21	6 ·34	19 ·84	5	26	Mon.	21	8 ·09	25 ·22	7
28	Sat.	23	5 ·71	13 ·50	4	26	Thur.	22	7 ·24	20 ·78	6	27	Tues.	22	9 ·06	26 ·22	8
29	Sun.	24	6 ·64	14 ·47	5	27	Fri.	23	8 ·14	21 ·71	7	28	Wed.	23	10 ·04	27 ·23	9
30	Mon.	25	7 ·56	15 ·42	6				9 ·05			29	Thur.	24	11 ·05	1 ·27	10
31	Tues.	26	8 ·47	16 ·36	7	28	Sat.	24	10 ·97	22 ·66	8	1	Fri.	25	12 ·09	2 ·33	11
32	Wed.	27	9 ·37	17 ·30	8	29	Sun.	25	11 ·90	23 ·61	9	2	Sat.	26	13 ·14	3 ·41	12
1	Thur.	28	10 ·26	18 ·23	9	30	Mon.	26	12 ·85	24 ·58	10	3	Sun.	27	14 ·21	4 ·50	13
2	Fri.	29	11 ·16	19 ·16	10	1	Tues.	27	13 ·82	25 ·57	11	4	Mon.	28	P ·29	5 ·60	14
			12 ·06			2	Wed.	28	14 ·81	26 ·58	12	5	Tues.	29	1 ·38	6 ·71	15
3	Sat.	30	13 ·97	20 ·09	11	3	Thur.	29	P ·81	27 ·60	13	6	Wed.	30	2 ·47	7 ·82	16
				21 ·03		4	Fri.	30	1 ·85	1 ·65	14						
4	Sun.	31	14 ·89	22 ·99	12												
	Aug.						**Oct.**						**Dec.**				
5	Mon.	1	P ·82	23 ·95	13	5	Sat.	1	2 ·90	2 ·71	15	7	Thur.	1	3 ·55	8 ·92	17
6	Tues.	2	1 ·77	24 ·93	14	6	Sun.	2	3 ·97	3 ·79	16	8	Fri.	2	4 ·62	... ...	18
7	Wed.	3	2 ·73	25 ·92	15	7	Mon.	3	:: ::	4 ·90	17	9	Sat.	3	5 ·67	9 ·00	19
8	Thur.	4	3 ·71	26 ·93	16	8	Tues.	4	4 ·04	:: ...	18	10	Sun.	4	6 ·70	10 ·07	20
9	Fri.	5	4 ·72	27 ·98	17	9	Wed.	5	5 ·13	5 ·01	19	11	Mon.	5	7 ·71	11 ·11	21
10	Sat.	6	5 ·74	... ...	18	10	Thur.	6	6 ·22	6 ·11	20	12	Tues.	6	8 ·70	12 ·14	22
11	Sun.	7	6 ·79	1 ·03	19	11	Fri.	7	7 ·30	7 ·21	21	13	Wed.	7	9 ·66	13 ·14	23
12	Mon.	8	7 ·85	2 ·10	20	12	Sat.	8	8 ·37	8 ·30	22	14	Thur.	8	10 ·62	14 ·13	24
13	Tues.	9	8 ·93	3 ·19	21	13	Sun.	9	9 ·42	9 ·39	23	15	Fri.	9	11 ·55	15 ·10	25
14	Wed.	10	... ...	4 ·29	22	14	Mon.	10	10 ·45	10 ·44	24	16	Sat.	10	12 ·48	16 ·05	26
15	Thur.	11	9 ·02	5 ·41	23	15	Tues.	11	11 ·45	11 ·48	25					17 ·00	
16	Fri.	12	10 ·10	6 ·52	24	16	Wed.	12	12 ·43	12 ·49	26	17	Sun.	11	13 ·39	18 ·94	27
17	Sat.	13	11 ·17	7 ·61	25	17	Thur.	13	13 ·41	13 ·48	27	18	Mon.	12	14 ·29	19 ·87	28
18	Sun.	14	12 ·24	8 ·70	26	18	Fri.	14	14 ·36	14 ·47	28	19	Tues.	13	A ·20	20 ·80	29
19	Mon.	15	13 ·29	9 ·76	27	19	Sat. ●	15	A ·30	15 ·43	29	20	Wed.	14	1 ·10	21 ·73	30
20	Tues.	16	14 ·32	10 ·81	28	20	Sun.	16	1 ·22	16 ·38	30				2 ·01		
21	Wed.	17	A ·33	11 ·84	29	21	Mon.	17	2 ·13	17 ·32	1	21	Thur.	15	3 ·92	22 ·66	1
22	Thur.	18	1 ·31	12 ·85	30				3 ·03			22	Fri.	16	4 ·84	23 ·62	2
23	Fri.	19	2 ·27	13 ·83	1	22	Tues.	18	4 ·93	18 ·25	2	23	Sat.	17	5 ·78	24 ·58	3
24	Sat.	20	3 ·22	14 ·80	2	23	Wed.	19	5 ·83	19 ·19	3	24	Sun.	18	6 ·73	25 ·55	4
25	Sun.	21	4 ·15	15 ·75	3	24	Thur.	20	6 ·73	20 ·12	4	25	Mon.	19	7 ·70	26 ·54	5
			5 ·07							21 ·05		26	Tues.	20	8 ·69	27 ·55	6
26	Mon.	22	6 ·98	16 ·70	4	25	Fri.	21	7 ·65	22 ·99	5	27	Wed.	21	9 ·70	1 ·59	7
27	Tues.	23	7 ·89	17 ·64	5	26	Sat.	22	8 ·57	23 ·94	6	28	Thur.	22	10 ·73	2 ·64	8
28	Wed.	24	8 ·79	18 ·57	6	27	Sun.	23	9 ·51	24 ·92	7	29	Fri.	23	11 ·79	3 ·71	9
29	Thur.	25	9 ·69	19 ·50	7	28	Mon.	24	10 ·46	25 ·90	8	30	Sat.	24	12 ·86	4 ·80	10
30	Fri.	26	10 ·58	20 ·43	8	29	Tues.	25	11 ·43	26 ·90	9	1	Sun.	25	13 ·94	5 ·90	11
31	Sat.	27	11 ·49	21 ·37	9	30	Wed.	26	12 ·41	27 ·92	10	2	Mon.	26	... ...	... ...	12
1	Sun.	28	12 ·41	22 ·32	10	1	Thur.	27	13 ·41	1 ·96	11	3	Tues.	27	14 ·02	6 ·02	13
2	Mon.	29	13 ·35	23 ·28	11	2	Fri.	28	14 ·45	... ...	12	4	Wed.	28	P ·11	7 ·12	14
3	Tues.	30	14 ·30	24 ·25	12	3	Sat. ○	29	P ·50	2 ·02	13	5	Thur.	29	1 ·20	8 ·22	15
4	Wed.	31	P ·26	25 ·24	13	4	Sun.	30	1 ·57	3 ·11	14	6	Fri.	30	2 ·26	9 ·31	16
						5	Mon.	31	2 ·65	4 ·20	15	7	Sat.	31	3 ·31	10 ·37	17

Vṛiṣabha—Ādi. *Vṛiṣchika—Kārttigai.* *Śiṁha—Āvaṇi.* *Dhanus—Mārgaḷi.*
Karkaṭaka—Ādi. *Kanyā—Puraṭṭāśi.* *Tulā—Aippaśi.* *Vṛiśchika—Kārttigai.*
Vṛiṣabha. *Vṛiśchika.* *Śiṁha.* *Dhanus.*
Vṛiṣabha—Ādi. *Kanyā—Puraṭṭāśi.* *Tulā—Aippaśi.* *Vṛiśchika—Kārttigai.*
Karkaṭaka. *Kanyā.* *Tulā.* *Vṛiśchika.*
Karkaṭaka—Ādi. *Kanyā—Puraṭṭāśi.* *Tulā—Aippaśi.* *Vṛiśchika—Kārttigai.*

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

H. 503 Ẓi-l-ḥijja. *H. 504 Muharram.* *H. 504 Ṣafar.* *H. 504 Rabī-ul awwal.* *H. 504 Rabī-ul ākhir.* *H. 504 Jamādā'l awwal.* *H. 504 Jamādā'l ākhir.*

Bhādrapada. **Śrāvaṇa.** **Āshāḍha.** **Bhād.** **Āśvina.** **Kārttika.** **Mārgaśīrsha.** **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab·

A.D. 1111. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·46. **Śaka 1033.** **Kaliyuga 4212.**
Lunar Eclipse. ○ (Arya Sid.) March 24·41. (S. Cycle) Khara.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sun. 1	4 ·35	11 ·43	18	8	Wed. 1	4 ·49	15 ·10	18			6 ·02		
9	Mon. 2	5 ·36	12 ·46	19	9	Thur. 2	5 ·42	16 ·06	19	8	Mon. 1	7 ·93	22 ·36	20
10	Tues. 3	6 ·34	13 ·47	20			Bahula.	17 ·01		9	Tues. 2	8 ·83	23 ·29	21
11	Wed. 4	7 ·31	14 ·46	21	10	Fri. 3	6 ·34	18 ·95	20	10	Wed. 3	9 ·75	24 ·25	22
12	Thur. 5	8 ·27	15 ·43	22	11	Sat. 4	7 ·26	19 ·88	21	11	Thur. 4	10 ·68	25 ·20	23
13	Fri. 6	9 ·20	16 ·38	23	12	Sun. 5	8 ·16	20 ·82	22	12	Fri. 5	11 ·63	26 ·17	24
14	Sat. 7	10 ·12	17 ·34	24			9 ·06			13	Sat. 6	12 ·60	27 ·16	25
		11 ·03			13	Mon. 6	10 ·96	21 ·75	23	14	Sun. 7	13 ·58	1 ·17	26
15	Sun. 8	12 ·94	18 ·27	25	14	Tues. 7	11 ·86	22 ·68	24	15	Mon. 8	14 ·59	2 ·21	27
16	Mon. 9	13 ·84	19 ·20	26	15	Wed. 8	12 ·77	23 ·62	25	16	Tues. 9	—A ·61	3 ·25	28
17	Tues. 10	14 ·74	20 ·13	27	16	Thur. 9	13 ·69	24 ·57	26	17	Wed. 10	1 ·67	4 ·32	—29
18	Wed. 11	—A ·65	21 ·06	28	17	Fri. 10	14 ·63	25 ·54	27	18	Thur. 11	2 ·73	5 ·41	1
		22 ·01			18	Sat. 11	—A ·57	26 ·52	28	19	Fri. 12	3 ·80	6 ·51	2
19	Thur. 12	1 ·56	—29		19	Sun. 12	1 ·54	27 ·52	—29	20	Sat. 13	4 ·89	7 ·62	3
		23 ·95								21	Sun. 14	5 ·97	8 ·73	4
20	Fri. 13	2 ·48	24 ·91	1	20	Mon. 13	2 ·53	1 ·53	1	22	Mon. 15	... ...	9 ·83	5
21	Sat. 14	3 ·42	25 ·88	2	21	Tues. 14	3 ·54	2 ·57	2	23	Tues. 16	6 ·04	10 ·92	6
22	Sun. 15	4 ·38	26 ·86	3	22	Wed. 15	4 ·57	3 ·63	3	24	Wed. 17	7 ·10	11 ·99	7
23	Mon. 16	5 ·34	27 ·88	4	23	Thur. 16	5 ·62	4 ·72	4	25	Thur. 18	8 ·15	... ...	8
24	Tues. 17	6 ·33	1 ·90	5	24	Fri. 17	6 ·69	5 ·81	5	26	Fri. 19	9 ·18	12 ·05	9
25	Wed. 18	7 ·35	2 ·95	6	25	Sat. 18	7 ·76	6 ·91	6	27	Sat. 20	10 ·18	13 ·08	10
26	Thur. 19	8 ·38	... ...	7	26	Sun. 19	8 ·85	... ...	7	28	Sun. 21	11 ·16	14 ·09	11
27	Fri. 20	9 ·43	3 ·02	8	27	Mon. 20	9 ·94	7 ·02	8	29	Mon. 22	12 ·12	15 ·08	12
28	Sat. 21	10 ·49	4 ·10	9	28	Tues. 21	... ...	8 ·13	9			13 ·07		
—29	Sun. 22	11 ·57	5 ·21	10	29	Wed. 22	10 ·01	9 ·23	10	30	Tues. 23	14 ·99	16 ·05	13
1	Mon. 23	12 ·66	6 ·31	11	—30	Thur. 23	11 ·08	10 ·31	11			17 ·02		
2	Tues. 24	13 ·75	7 ·42	12	1	Fri. 24	12 ·12	11 ·37	12	31	Wed. 24	P ·91	18 ·97	14
3	Wed. 25	14 ·83	8 ·52	13	2	Sat. 25	13 ·15	12 ·41	13			Jyeshtha.		
4	Thur. 26	P ·89	9 ·61	14	3	Sun. 26	14 ·15	13 ·43	14	—32	Thur. 25	1 ·82	19 ·91	15
5	Fri. 27	1 ·95	10 ·68	15	4	Mon. 27	P ·14	14 ·44	15	1	Fri. 26	2 ·72	20 ·84	16
6	Sat. 28	2 ·98	11 ·75	16	5	Tues. 28	1 ·10	15 ·43	16	2	Sat. 27	3 ·61	21 ·77	17
7	Sun. 29	3 ·99	12 ·78	17			2 ·05			3	Sun. 28	4 ·51	22 ·70	18
8	Mon. 30	4 ·97	13 ·79	18	6	Wed. 29	3 ·98	16 ·39	17	4	Mon. 29	5 ·41	23 ·64	19
9	Tues. 31	5 ·95	14 ·78	19	7	Thur. 30	4 ·90	17 ·34	18	5	Tues. 30	6 ·32	24 ·58	20
					8	Fri. 31	5 ·81	18 ·29	19	6	Wed. 31	7 ·24	25 ·54	21
	Feb.					**April.**					**June.**			
10	Wed. 1	6 ·90	15 ·76	20	9	Sat. 1	6 ·71	19 ·23	20	7	Thur. 1	8 ·17	26 ·50	22
11	Thur. 2	7 ·83	16 ·73	21	10	Sun. 2	7 ·61	20 ·16	21	8	Fri. 2	9 ·11	27 ·49	23
12	Fri. 3	8 ·75	17 ·67	22	11	Mon. 3	8 ·51	21 ·09	22	9	Sat. 3	10 ·08	1 ·50	24
13	Sat. 4	9 ·65	18 ·61	23			Bahula.	22 ·02		10	Sun. 4	11 ·06	2 ·52	25
14	Sun. 5	10 ·56	19 ·54	24	12	Tues. 4	9 ·41	23 ·96	23	11	Mon. 5	12 ·07	3 ·56	26
15	Mon. 6	11 ·47	20 ·47	25	13	Wed. 5	10 ·31	24 ·91	24	12	Tues. 6	13 ·09	4 ·63	27
16	Tues. 7	12 ·37	21 ·41	26	14	Thur. 6	11 ·23	25 ·87	25	13	Wed. 7	14 ·14	5 ·71	28
17	Wed. 8	13 ·27	22 ·35	27	15	Fri. 7	12 ·17	26 ·85	26	14	Thur. 8	—A ·21	6 ·81	29
18	Thur. 9	14 ·18	23 ·29	28	16	Sat. 8	13 ·12	27 ·84	27	15	Fri. 9	1 ·29	7 ·92	—30
19	Fri. 10	—A ·10	24 ·24	29	17	Sun. 9	14 ·09	1 ·85	28	16	Sat. 10	2 ·37	... ...	1
		1 ·03			18	Mon. 10	—A ·07	2 ·88	29	17	Sun. 11	3 ·45	8 ·03	2
20	Sat. 11	2 ·99	25 ·20	—30	19	Tues. 11	1 ·09	3 ·95	—30	18	Mon. 12	4 ·52	9 ·13	3
21	Sun. 12	3 ·96	26 ·20	1	20	Wed. 12	2 ·11	... ...	1	19	Tues. 13	5 ·58	10 ·22	4
22	Mon. 13	4 ·95	27 ·20	2	21	Thur. 13	3 ·15	4 ·02	2	20	Wed. 14	6 ·63	11 ·29	5
23	Tues. 14	5 ·96	1 ·22	3	22	Fri. 14	4 ·21	5 ·11	3	21	Thur. 15	7 ·65	12 ·36	6
24	Wed. 15	6 ·99	2 ·26	4	23	Sat. 15	5 ·29	6 ·21	4	22	Fri. 16	8 ·66	13 ·40	7
25	Thur. 16	... ..	3 ·32	5	24	Sun. 16	6 ·39	7 ·31	5	23	Sat. 17	9 ·64	14 ·41	8
26	Fri. 17	7 ·04	4 ·41	6	25	Mon. 17	7 ·47	8 ·43	6	24	Sun. 18	10 ·60	15 ·41	9
27	Sat. 18	8 ·10	5 ·51	7	26	Tues. 18	8 ·55	9 ·53	7	25	Mon. 19	11 ·54	16 ·38	10
28	Sun. 19	9 ·18	6 ·61	8	27	Wed. 19	9 ·60	10 ·61	8	26	Tues. 20	12 ·47	17 ·36	11
29	Mon. 20	10 ·27	7 ·72	9	28	Thur. 20	10 ·64	11 ·68	9	27	Wed. 21	13 ·39	18 ·30	12
—30	Tues. 21	11 ·37	8 ·82	10	29	Fri. 21	11 ·67	12 ·73	10	28	Thur. 22	14 ·29	19 ·24	13
1	Wed. 22	12 ·44	9 ·91	11	30	Sat. 22	12 ·68	13 ·76	11	29	Fri. 23	P ·19	20 ·18	14
2	Thur. 23	13 ·50	... ...	12	—31	Sun. 23	13 ·66	14 ·77	12			1 ·09		
3	Fri. 24	14 ·55	10 ·00	13	1	Mon. 24	14 ·62	15 ·75	13	30	Sat. 24	2 ·99	21 ·10	15
4	Sat. 25	P ·59	11 ·06	14	2	Tues.○ 25	P ·57	16 ·72	14				22 ·04	
5	Sun. 26	1 ·59	12 ·10	15	3	Wed. 26	1 ·50	17 ·68	15	—31	Sun. 25	3 ·89	23 ·98	16
6	Mon. 27	2 ·57	13 ·11	16	4	Thur. 27	2 ·42	18 ·63	16	1	Mon. 26	4 ·79	24 ·92	17
7	Tues. 28	3 ·54	14 ·11	17	5	Fri. 28	3 ·33	19 ·57	17	2	Tues. 27	5 ·71	25 ·87	18
					6	Sat. 29	4 ·23	20 ·50	18	3	Wed. 28	6 ·64	26 ·83	19
					7	Sun. 30	5 ·13	21 ·43	19	4	Thur. 29	7 ·59	27 ·82	20
										5	Fri. 30	8 ·55	1 ·82	21

Vikṛita. Makara—Tai. Bahula. Sukla. Māgha. P Phālguna. Vikṛita. Kumbha—Māśi. Bahula. Sukla. Phālguna. P Chaitra. Khara. Mēsha—Chittirai. Bahula. Sukla. Chaitra. P Vaiśākha. Vikṛita. Mīna—Pāṅguni. Bahula. Sukla. Chaitra. P Vaiśākha. Khara. Mēsha—Chittirai. Bahula. Sukla. Vaiśākha. P Jyeshtha. Khara. Vṛishabha—Vaigāśi. Bahula. Sukla. Jyeshtha. P Āshādha. Khara. Mithuna—Āni. Bahula. Sukla. Āshādha. P

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1111. **Kollam 287,** { **N. Malabar—Aug.** **Hijra 505.** **Vikrama 1168.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 10.** **Bengal San. 517.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sat.	1	9 ·54	2 ·84	22	5	Fri.	1	12 ·96	... ...	24	6	Wed.	1	13 ·36	14 ·01	26
7	Sun.	2	10 ·55	3 ·87	23	6	Sat.	2	... ...	9 ·04	25	7	Thur.	2	14 ·35	15 ·03	27
8	Mon.	3	11 ·58	4 ·93	24	7	Sun.	3	13 ·03	10 ·13	26	8	Fri.	3	—**A** ·32	16 ·03	28
9	Tues.	4	12 ·63	... ...	25	8	Mon.	4	14 ·09	11 ·22	27	9	Sat.	4	1 ·26	17 ·01 / 18 ·98	—29
10	Wed.	5	13 ·69	5 ·02	26	9	Tues.	5	—**A** ·14	12 ·29	28						
11	Thur.	6	14 ·77	6 ·11	27	10	Wed.	6	1 ·17	13 ·34	—29	10	Sun.	5	2 ·19	19 ·93	1
12	Fri.	7	—**A** ·85	7 ·22	28	11	Thur.	7	2 ·17	14 ·38	1	11	Mon.	6	3 ·12	20 ·87	2
13	Sat.	8	1 ·93	8 ·32	29	12	Fri.	8	3 ·16	15 ·39	2	12	Tues.	7	4 ·08 / 5 ·93	21 ·81	3
14	Sun.	9	... ...	9 ·43	—30	13	Sat.	9	4 ·12	16 ·38	3						
15	Mon.	10	2 ·00	10 ·52	1	14	Sun.	10	5 ·07	17 ·35	4	13	Wed.	8	6 ·83	22 ·74	4
16	Tues.	11	3 ·07	11 ·61	2	15	Mon.	11	6 ·00	18 ·31	5	14	Thur.	9	7 ·74	23 ·68	5
17	Wed.	12	4 ·12	12 ·67	3				7 ·92			15	Fri.	10	8 ·64	24 ·61	6
18	Thur.	13	5 ·13	13 ·71	4	16	Tues.	12	8 ·83	19 ·26	6	16	Sat.	11	9 ·55	25 ·55	7
19	Fri.	14	6 ·14	14 ·73	5	17	Wed.	13	9 ·73	20 ·20	7	17	Sun.	12	10 ·48	26 ·50	8
20	Sat.	15	7 ·12	15 ·73	6	18	Thur.	14	10 ·63	21 ·13	8	18	Mon.	13	11 ·42	27 ·46	9
21	Sun.	16	8 ·08	16 ·72	7	19	Fri.	15	11 ·53	22 ·06 / 23 ·99	9	19	Tues.	14	12 ·37	1 ·44	10
22	Mon.	17	9 ·02 / 10 ·96	17 ·69	8	20	Sat.	16	12 ·43	24 ·92	10	20	Wed.	15	13 ·34	2 ·44	11
23	Tues.	18	11 ·88	18 ·64	9	21	Sun.	17	13 ·34	25 ·88	11	21	Thur.	16	14 ·33	3 ·45	12
24	Wed.	19	12 ·78	19 ·58	10	22	Mon.	18	14 ·26	26 ·83	12	22	Fri.	17	**P** ·34	4 ·49	13
25	Thur.	20	13 ·68	20 ·51	11	23	Tues.	19	**P** ·20	27 ·80	13	23	Sat.	18	1 ·37	5 ·54	14
26	Fri.	21	14 ·57	21 ·45	12	24	Wed.	20	1 ·15	1 ·78	14	24	Sun.	19	2 ·43	6 ·63	15
27	Sat.	22	**P** ·48	22 ·38	13	25	Thur.	21	2 ·12	2 ·79	15	25	Mon.	20	3 ·50	7 ·72	16
28	Sun.	23	1 ·37	23 ·31	14	26	Fri.	22	3 ·10	3 ·82	16	26	Tues.	21	4 ·59	8 ·82	17
29	Mon.	24	2 ·28	24 ·25	15	27	Sat.	23	4 ·12	4 ·87	17	27	Wed.	22	5 ·68	9 ·93	18
30	Tues.	25	3 ·20	25 ·20	16	28	Sun.	24	5 ·15	5 ·93	18	28	Thur.	23	6 ·76	... ...	19
31	Wed.	26	4 ·14	26 ·17	17	29	Mon.	25	6 ·21	... ...	19	29	Fri.	24	7 ·84	10 ·03	20
—32	Thur.	27	5 ·08	27 ·15	18	—30	Tues.	26	7 ·27	6 ·02	20	—30	Sat.	25	8 ·91	11 ·13	21
1	Fri.	28	6 ·04	1 ·14	19	1	Wed.	27	8 ·35	7 ·12	21	1	Sun.	26	9 ·96	12 ·22	22
2	Sat.	29	7 ·03	2 ·15	20	2	Thur.	28	9 ·44	8 ·23	22	2	Mon.	27	10 ·98	13 ·29	23
3	Sun.	30	8 ·04	3 ·19	21	3	Fri.	29	10 ·52	9 ·33	23	3	Tues.	28	... ...	14 ·33	24
4	Mon.	31	9 ·07	4 ·24	22	4	Sat.	30	11 ·60	10 ·43	24	4	Wed.	29	11 ·00 / 12 ·98	15 ·35	25
	Aug.						**Oct.**					5	Thur.	30	13 ·95	16 ·35	26
5	Tues.	1	10 ·12	5 ·32	23	5	Sun.	1	12 ·66	11 ·52	25		**Dec.**				
6	Wed.	2	11 ·18	6 ·41	24	6	Mon.	2	13 ·71	12 ·60	26	6	Fri.	1	14 ·90	17 ·35	27
7	Thur.	3	12 ·26	7 ·52	25	7	Tues.	3	14 ·74	13 ·66	27	7	Sat.	2	—**A** ·84	18 ·32	28
8	Fri.	4	13 ·34	8 ·62	26	8	Wed.	4	—**A** ·74	14 ·70	28	8	Sun.	3	1 ·75	19 ·27	29
9	Sat.	5	14 ·43	9 ·73	27	9	Thur.	5	1 ·73	15 ·71	29	9	Mon.	4	2 ·66	20 ·21	—30
10	Sun.	6	—**A** ·50	10 ·83	28	10	Fri.	6	2 ·70	16 ·70	—30	10	Tues.	5	3 ·57	21 ·15	1
11	Mon.	7	1 ·56	11 ·92	29	11	Sat.	7	3 ·65	17 ·68	1	11	Wed.	6	4 ·47	22 ·08	2
12	Tues.	8	2 ·61	12 ·98	—30	12	Sun.	8	4 ·58	18 ·65	2	12	Thur.	7	5 ·38	23 ·01 / 24 ·95	3
13	Wed.	9	3 ·64	... ...	1	13	Mon.	9	5 ·50	19 ·60	3						
14	Thur.	10	4 ·64	13 ·03	2	14	Tues.	10	6 ·41	20 ·54	4	13	Fri.	8	6 ·28	25 ·88	4
15	Fri.	11	5 ·63	14 ·05	3	15	Wed.	11	7 ·31	21 ·47	5	14	Sat.	9	7 ·20	26 ·83	5
16	Sat.	12	6 ·59	15 ·07	4	16	Thur.	12	8 ·21	22 ·40	6	15	Sun.	10	8 ·12	27 ·80	6
17	Sun.	13	7 ·53	16 ·05	5	17	Fri.	13	9 ·12	23 ·33	7	16	Mon.	11	9 ·06	1 ·77	7
18	Mon.	14	8 ·46	17 ·02 / 18 ·97	6	18	Sat.	14	10 ·03 / 11 ·94	24 ·27	8	17	Tues.	12	10 ·01 / 11 ·98	2 ·76	8
19	Tues.	15	9 ·39	19 ·92	7	19	Sun.	15	12 ·86	25 ·21	9	18	Wed.	13	12 ·98	3 ·77	9
20	Wed.	16	10 ·29	20 ·86	8	20	Mon.	16	13 ·79	26 ·16	10	19	Thur.	14	13 ·99	4 ·80	10
21	Thur.	17	11 ·19	21 ·79	9	21	Tues.	17	14 ·74	27 ·13	11	20	Fri.	15	... ...	5 ·86	11
22	Fri.	18	12 ·09 / 13 ·99	22 ·72	10	22	Wed. ○	18	**P** ·72	1 ·11	12	21	Sat.	16	14 ·03	6 ·93	12
23	Sat.	19	14 ·89	23 ·65	11	23	Thur.	19	1 ·70	2 ·12	13	22	Sun.	17	**P** ·08	... ...	13
24	Sun.	20	**P** ·79	24 ·59	12	24	Fri.	20	2 ·72	3 ·14	14	23	Mon.	18	1 ·15	7 ·02	14
25	Mon.	21	1 ·71	25 ·54	13	25	Sat.	21	3 ·75	4 ·18	15	24	Tues.	19	2 ·23	8 ·12	15
26	Tues.	22	2 ·65	26 ·50	14	26	Sun.	22	4 ·80	5 ·24	16	25	Wed.	20	3 ·32	9 ·23	16
27	Wed.	23	3 ·60	27 ·47	15	27	Mon.	23	5 ·87	6 ·32	17	26	Thur.	21	4 ·41	10 ·33	17
28	Thur.	24	4 ·57	1 ·46	16	28	Tues.	24	6 ·96	7 ·42	18	27	Fri.	22	5 ·49	11 ·44	18
29	Fri.	25	5 ·55	2 ·47	17	29	Wed.	25	... ...	8 ·52	19	28	Sat.	23	6 ·56	12 ·53	19
30	Sat.	26	6 ·56	3 ·50	18	—30	Thur.	26	7 ·04	9 ·63	20	—29	Sun.	24	7 ·61	13 ·59	20
—31	Sun.	27	7 ·59	4 ·56	19	1	Fri.	27	8 ·12	10 ·73	21	1	Mon.	25	8 ·64	14 ·64	21
1	Mon.	28	8 ·64	5 ·63	20	2	Sat.	28	9 ·20	11 ·83	22	2	Tues.	26	9 ·64	15 ·67	22
2	Tues.	29	9 ·71	6 ·71	21	3	Sun.	29	10 ·27	12 ·92	23	3	Wed.	27	10 ·63	16 ·69	23
3	Wed.	30	10 ·79	7 ·81	22	4	Mon.	30	11 ·33	13 ·98	24	4	Thur.	28	11 ·60	17 ·68	24
4	Thur.	31	11 ·88	8 ·92	23	5	Tues.	31	12 ·35	... ...	25	5	Fri.	29	12 ·54	18 ·65	25
												6	Sat.	30	13 ·48	19 ·60	26
												7	Sun.	31	14 ·40	20 ·55	27

Khara. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvaṇa.** *Bahula.* *Khara.* **Siṁha—Āvaṇi.** *Sukla.* **Bhādrapada.** *Bahula.* *Khara.* **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.* *Khara.* **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *Khara.* **Vṛiśchika—Kārttigai.** *Sukla.* **Mārgaśīrsha.** *Bahula.* *Khara.* **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.*

H. 504 *Zi-l-hijja.* *H.* 505 *Muharram.* *H.* 505 *Śafar.* *H.* 505 *Rabī-ul awwal.* *H.* 505 *Rabī-ul ākhir.* *H.* 505 *Jamāda'l awwal.* *H.* 505 *Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1112. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·72. **Śaka 1034.** **Kaliyuga 4213.**
Lunar Eclipse. ○ (Arya Sid.) March 23·67. **(S. Cycle) Nandana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Mon. 1	—A ·32	21 ·49	28	9	Fri. 1	1 ·06	27 ·79	—29	8	Wed. 1	4 ·95	6 ·48	2
9	Tues. 2	1 ·22	22 ·42	—29			2 ·99			9	Thur. 2	5 ·99	7 ·54	3
10	Wed. 3	2 ·12	23 ·35	1	10	Sat. 2	3 ·93	1 ·75	1	10	Fri. 3	... ...	8 ·63	4
11	Thur. 4	3 ·02	24 ·28	2	11	Sun. 3	4 ·88	2 ·78	2	11	Sat. 4	6 ·05	9 ·73	5
		4 ·92			12	Mon. 4	5 ·85	3 ·74	3	12	Sun. 5	7 ·14	10 ·83	6
12	Fri. 5	5 ·84	25 ·22	3	13	Tues. 5	6 ·83	4 ·75	4	13	Mon. 6	8 ·22	11 ·95	7
13	Sat. 6	6 ·77	26 ·18	4	14	Wed. 6	7 ·85	5 ·79	5	14	Tues. 7	9 ·30	... ...	8
14	Sun. 7	7 ·71	27 ·13	5	15	Thur. 7	8 ·88	6 ·85	6	15	Wed. 8	10 ·37	12 ·05	9
15	Mon. 8	8 ·66	1 ·10	6	16	Fri. 8	9 ·93	7 ·93	7	16	Thur. 9	11 ·44	13 ·14	10
16	Tues. 9	9 ·63	2 ·08	7	17	Sat. 9	... ...	... ...	8	17	Fri. 10	12 ·48	14 ·21	11
17	Wed. 10	10 ·62	3 ·09	8	18	Sun. 10	10 ·00	8 ·03	9	18	Sat. 11	13 ·50	15 ·26	12
18	Thur. 11	11 ·62	4 ·11	9	19	Mon. 11	11 ·08	9 ·13	10	19	Sun. 12	14 ·50	16 ·29	13
19	Fri. 12	12 ·66	5 ·17	10	20	Tues. 12	12 ·16	10 ·24	11	20	Mon. 13	P ·48	17 ·31	14
20	Sat. 13	13 ·72	6 ·24	11	21	Wed. 13	13 ·25	11 ·34	12	21	Tues. 14	1 ·45	18 ·30	15
21	Sun. 14	14 ·79	7 ·32	12	22	Thur. 14	14 ·33	12 ·44	13	22	Wed. 15	2 ·39	19 ·27	16
22	Mon. 15	P ·87	8 ·42	13	23	Fri. 15	P ·39	13 ·53	14	23	Thur. 16	3 ·32	20 ·23	17
23	Tues. 16	1 ·96	9 ·53	14	24	Sat. 16	1 ·44	14 ·59	15	24	Fri. 17	4 ·23	21 ·18	18
24	Wed. 17	... ...	10 ·64	15	25	Sun. 17	2 ·46	15 ·63	16	25	Sat. 18	5 ·14	22 ·12	19
25	Thur. 18	2 ·05	11 ·74	16	26	Mon. 18	3 ·47	16 ·65	17					
26	Fri. 19	3 ·13	12 ·83	17	27	Tues. 19	4 ·45	17 ·65	18	26	Sun. 19	6 ·03	23 ·06	20
27	Sat. 20	4 ·20	13 ·90	18	28	Wed. 20	5 ·41	18 ·65	19			7 ·93	24 ·99	
28	Sun. 21	5 ·24	14 ·96	19	29	Thur. 21	6 ·36	19 ·61	20	27	Mon. 20	8 ·83	25 ·91	21
29	Mon. 22	6 ·27	... ...	20	30	Fri. 22	7 ·29	20 ·56	21	28	Tues. 21	9 ·73	26 ·85	22
—30	Tues. 23	7 ·27	15 ·00	21	—31	Sat. 23	8 ·20	21 ·50	22	29	Wed. 22	10 ·64	27 ·80	23
1	Wed. 24	8 ·26	16 ·01	22	1	Sun. 24	9 ·10	22 ·44	23	30	Thur. 23	11 ·56	1 ·75	24
			17 ·00				10 ·00			—31	Fri. 24	12 ·49	2 ·72	25
2	Thur. 25	9 ·23	18 ·98	23	2	Mon. 25	11 ·90	23 ·37	24	1	Sat. 25	13 ·43	3 ·71	26
3	Fri. 26	10 ·18	19 ·94	24	3	Tues. 26	12 ·80	24 ·31	25	2	Sun. 26	14 ·40	4 ·71	27
4	Sat. 27	11 ·11	20 ·89	25	4	Wed. 27	13 ·71	25 ·24	26	3	Mon. 27	—A ·39	5 ·74	28
5	Sun. 28	12 ·03	21 ·83	26	5	Thur. 28	14 ·62	26 ·18	27	4	Tues. 28	1 ·39	6 ·78	29
		13 ·94			6	Fri. 29	—A ·55	27 ·12	28	5	Wed. 29	2 ·43	7 ·85	—30
6	Mon. 29	14 ·85	22 ·76	27	7	Sat. 30	1 ·48	1 ·08	29	6	Thur. 30	3 ·48	8 ·93	1
7	Tues. 30	—A ·76	23 ·69	28	8	Sun. 31	2 ·43	2 ·07	—30	7	Fri. 31	4 ·55	... ...	2
8	Wed. 31	1 ·66	24 ·62	29										
	Feb.					**April.**					**June.**			
9	Thur. 1	2 ·56	25 ·57	—30	9	Mon. 1	3 ·40	3 ·06	1	8	Sat. 1	5 ·62	9 ·03	3
10	Fri. 2	3 ·47	26 ·51	1	10	Tues. 2	4 ·39	4 ·07	2	9	Sun. 2	6 ·71	10 ·13	4
11	Sat. 3	4 ·39	27 ·46	2	11	Wed. 3	5 ·40	5 ·10	3	10	Mon. 3	7 ·79	11 ·25	5
12	Sun. 4	5 ·33	1 ·42	3	12	Thur. 4	6 ·42	6 ·16	4	11	Tues. 4	8 ·86	12 ·35	6
13	Mon. 5	6 ·28	2 ·41	4	13	Fri. 5	7 ·47	7 ·24	5	12	Wed. 5	9 ·92	13 ·44	7
14	Tues. 6	7 ·26	3 ·41	5	14	Sat. 6	8 ·54	8 ·33	6	13	Thur. 6	10 ·96	14 ·52	8
15	Wed. 7	8 ·24	4 ·44	6	15	Sun. 7	9 ·62	9 ·43	7	14	Fri. 7	11 ·98	15 ·57	9
16	Thur. 8	9 ·26	5 ·48	7	16	Mon. 8	10 ·71	10 ·53	8	15	Sat. 8	12 ·98	16 ·62	10
17	Fri. 9	10 ·29	6 ·54	8	17	Tues. 9	11 ·80	11 ·64	9	16	Sun. 9	13 ·97	17 ·63	11
18	Sat. 10	11 ·34	7 ·62	9	18	Wed. 10	12 ·87	12 ·75	10	17	Mon. 10	14 ·92	18 ·63	12
19	Sun. 11	12 ·41	8 ·72	10	19	Thur. 11	13 ·93	13 ·83	11	18	Tues. 11	P ·86	19 ·60	13
20	Mon. 12	13 ·49	9 ·83	11	20	Fri. 12	14 ·97	14 ·90	12	19	Wed. 12	1 ·80	20 ·56	14
21	Tues. 13	14 ·58	10 ·94	12	21	Sat. 13	P ·99	15 ·95	13	20	Thur. 13	2 ·71	21 ·52	15
22	Wed. 14	P ·67	... ...	13	22	Sun. 14	... ...	16 ·97	14	21	Fri. 14	3 ·61	22 ·46	16
23	Thur. 15	1 ·75	11 ·04	14			1 ·00			22	Sat. 15	4 ·51	23 ·39	17
24	Fri. 16	2 ·81	12 ·13	15	23	Mon. 15	2 ·98	17 ·98	15	23	Sun. 16	5 ·41	24 ·32	18
25	Sat. 17	3 ·86	13 ·21	16	24	Tues. 16	3 ·95	18 ·97	16	24	Mon. 17	6 ·30	25 ·25	19
26	Sun. 18	4 ·88	14 ·28	17	25	Wed. 17	4 ·89	19 ·94	17	25	Tues. 18	7 ·20	26 ·20	20
27	Mon. 19	5 ·89	15 ·32	18	26	Thur. 18	5 ·82	20 ·90	18	26	Wed. 19	8 ·11	27 ·14	21
28	Tues. 20	6 ·88	16 ·33	19	27	Fri. 19	6 ·73	21 ·84	19			9 ·03		
—29	Wed. 21	7 ·84	17 ·33	20	28	Sat. 20	7 ·64	22 ·78	20	27	Thur. 20	10 ·96	1 ·09	22
1	Thur. 22	8 ·79	18 ·31	21	29	Sun. 21	8 ·54	23 ·72	21	28	Fri. 21	11 ·91	2 ·05	23
2	Fri. 23	9 ·72	19 ·28	22	30	Mon. 22	9 ·44	24 ·65	22	29	Sat. 22	12 ·88	3 ·03	24
3	Sat. 24	10 ·64	20 ·23	23	—31	Tues. 23	10 ·33	25 ·58	23	30	Sun. 23	13 ·86	4 ·03	25
4	Sun. 25	11 ·55	21 ·17	24	1	Wed. 24	11 ·23	26 ·51	24	31	Mon. 24	14 ·88	5 ·06	26
5	Mon. 26	12 ·45	22 ·10	25	2	Thur. 25	12 ·15	27 ·46	25	—32	Tues. 25	—A ·91	6 ·09	27
6	Tues. 27	13 ·35	23 ·03	26	3	Fri. 26	13 ·07	1 ·42	26	1	Wed. 26	1 ·95	7 ·15	28
			24 ·96				14 ·00			2	Thur. 27	... ...	8 ·23	—29
7	Wed. 28	14 ·25	25 ·90	27	4	Sat. 27	A ·94	2 ·39	27	3	Fri. 28	2 ·02	9 ·33	1
8	Thur. 29	—A ·15	26 ·84	28	5	Sun. 28	1 ·91	3 ·38	28	4	Sat. 29	3 ·10	10 ·44	2
					6	Mon. 29	2 ·90	4 ·39	—29	5	Sun. 30	4 ·18	11 ·54	3
					7	Tues. 30	3 ·91	5 ·42	1					

Khara. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 505 Rajab.*
Khara. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H. 505 Sha'bān.*
Nandana. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 505 Shawwāl.*
Nandana. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 505 Zi-k-ka'da.*
Nandana. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H. 505 Zi-l-hijja.*

Naksh:—1. Aśvin. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad 27. Rev.

A.D. 1112. **Kollam 288,** { **N. Malabar—Aug.** **Hijra 506.** **Vikrama 1169.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 28.** **Bengal San. 518.**
P—Paurnimā. **(N. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	*Śukla.* 5 ·26	12 ·65	4	6	Sun.	1	*Śukla.* 8 ·43	19 ·60	7	7	Fri.	1	10 ·12	26 ·89	9
7	Tues.	2	6 ·34	13 ·74	5	7	Mon.	2	9 ·38	20 ·57	8	8	Sat.	2	11 ·02	27 ·83	10
8	Wed.	3	7 ·40	14 ·82	6	8	Tues.	3	10 ·30	21 ·53	9				12 ·92		
9	Thur.	4	8 ·43	15 ·89	7	9	Wed.	4	11 ·22	22 ·47	10	9	Sun.	3	13 ·83	1 ·77	11
10	Fri.	5	9 ·46	16 ·93	8	10	Thur.	5	12 ·12	23 ·41	11	10	Mon.	4	14 ·76	2 ·71	12
11	Sat.	6	10 ·46	17 ·95	9	11	Fri.	6	13 ·02	24 ·35	12	11	Tues.	5	P ·70	3 ·68	13
12	Sun.	7	*Śrāvana.* 11 ·44	18 ·95	10				14 ·92			12	Wed.	6	1 ·65	4 ·65	14
13	Mon.	8	12 ·40	19 ·93	11	12	Sat.	7	P ·83	25 ·28	13	13	Thur.	7	2 ·63	5 ·66	15
14	Tues.	9	13 ·35	20 ·91	12	13	Sun.	8	1 ·73	26 ·21	14	14	Fri.	8	3 ·62	6 ·67	16
15	Wed.	10	14 ·28	21 ·86	13	14	Mon.	9	2 ·64	27 ·14	15	15	Sat.	9	4 ·63	7 ·71	17
16	Thur.	11	P ·19	22 ·80	14	15	Tues.	10	3 ·56	1 ·09	16	16	Sun.	10	5 ·67	8 ·77	18
17	Fri.	12	*Adhika* 1 ·09	23 ·73	15	16	Wed.	11	4 ·49	2 ·05	17	17	Mon.	11	6 ·72	9 ·84	19
			2 ·99			17	Thur.	12	5 ·45	3 ·02	18	18	Tues.	12	*Bahula.* 7 ·80	10 ·93	20
18	Sat.	13	*Bahula.* 3 ·89	24 ·66	16	18	Fri.	13	6 ·42	4 ·00	19	19	Wed.	13	8 ·88	... ...	21
19	Sun.	14	4 ·79	25 ·60	17	19	Sat.	14	7 ·41	5 ·01	20	20	Thur.	14	9 ·97	11 ·04	22
20	Mon.	15	5 ·69	26 ·53	18	20	Sun.	15	8 ·42	6 ·03	21	21	Fri.	15	.. ...	12 ·15	23
21	Tues.	16	6 ·60	27 ·47	19	21	Mon.	16	9 ·46	7 ·09	22	22	Sat.	16	10 ·05	13 ·25	24
22	Wed.	17	7 ·52	1 ·42	20	22	Tues.	17	10 ·51	8 ·15	23	23	Sun.	17	11 ·13	14 ·35	25
23	Thur.	18	8 ·44	2 ·38	21	23	Wed.	18	11 ·57	9 ·24	24	24	Mon.	18	12 ·20	15 ·43	26
24	Fri.	19	9 ·39	3 ·36	22	24	Thur.	19	12 ·65	10 ·33	25	25	Tues.	19	13 ·24	16 ·51	27
25	Sat.	20	10 ·37	4 ·36	23	25	Fri.	20	13 ·74	11 ·44	26	26	Wed.	20	14 ·27	17 ·55	28
26	Sun.	21	11 ·35	5 ·37	24	26	Sat.	21	14 ·83	12 ·55	27	27	Thur.	21	—A ·28	18 ·57	29
27	Mon.	22	12 ·36	6 ·41	25	27	Sun.	22	—A ·91	13 ·66	28	28	Fri.	22	1 ·27	19 ·57	—30
28	Tues.	23	13 ·39	7 ·46	26	28	Mon.	23	1 ·98	14 ·75	29	29	Sat.	23	2 ·23	20 ·56	1
29	Wed.	24	14 ·44	8 ·53	27	29	Tues.	24	.. ...	15 ·82	—30	—30	Sun.	24	3 ·18	21 ·54	2
30	Thur.	25	—A ·51	9 ·63	28	30	Wed.	25	2 ·02	16 ·87	1	1	Mon.	25	4 ·11	22 ·49	3
—31	Fri.	26	1 ·59	10 ·74	29	—31	Thur.	26	3 ·04	17 ·91	2				5 ·03		
1	Sat.	27	2 ·67	11 ·84	—30	1	Fri.	27	4 ·05	18 ·93	3	2	Tues.	26	6 ·94	23 ·43	4
2	Sun.	28	3 ·75	12 ·95	1	2	Sat.	28	5 ·03	19 ·92	4	3	Wed.	27	7 ·85	24 ·36	5
3	Mon.	29	4 ·83	... ...	2				6 ·00			4	Thur.	28	8 ·75	25 ·29	6
4	Tues.	30	5 ·89	13 ·04	3	3	Sun.	29	7 ·94	20 ·90	5	5	Fri.	29	*Śukla.* 9 ·65	26 ·23	7
5	Wed.	31	6 ·93	14 ·14	4	4	Mon.	30	8 ·87	21 ·86	6	6	Sat.	30	10 ·56	27 ·16	8
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	*Śukla.* 7 ·95	15 ·20	5	5	Tues.	1	*Śukla.* 9 ·79	22 ·81	7	7	Sun.	1	11 ·47	1 ·10	9
7	Fri.	2	8 ·96	16 ·25	6	6	Wed.	2	10 ·69	23 ·76	8	8	Mon.	2	12 ·39	2 ·05	10
8	Sat.	3	9 ·94	17 ·27	7	7	Thur.	3	11 ·59	24 ·69	9					3 ·01	
9	Sun.	4	10 ·90	18 ·28	8	8	Fri.	4	12 ·50	25 ·62	10	9	Tues.	3	13 ·33	4 ·99	11
10	Mon.	5	11 ·85	19 ·27	9	9	Sat.	5	13 ·41	26 ·55	11	10	Wed.	4	14 ·29	5 ·98	12
11	Tues.	6	*Nija Śrāvana.* 12 ·77	20 ·24	10	10	Sun.	6	*Āśvina.* 14 ·31	27 ·48	12	11	Thur.	5	P ·27	6 ·99	13
12	Wed.	7	13 ·69	21 ·19	11	11	Mon.	7	P ·22	1 ·43	13	12	Fri.	6	1 ·25	... ...	14
13	Thur.	8	14 ·59	22 ·14	12	12	Tues.	8	1 ·14	2 ·38	14	13	Sat.	7	2 ·28	7 ·02	15
14	Fri.	9	P ·49	23 ·07	13	13	Wed.	9	2 ·08	3 ·35	15	14	Sun.	8	*Mārgaśirsha.* 3 ·31	8 ·07	16
15	Sat.	10	1 ·39	24 ·00	14	14	Thur.	10	3 ·03	4 ·33	16	15	Mon.	9	4 ·37	9 ·14	17
				25 ·94		15	Fri.	11	4 ·00	5 ·33	17	16	Tues.	10	*Bahula.* 5 ·44	10 ·24	18
16	Sun.	11	2 ·29	26 ·87	15	16	Sat.	12	5 ·00	6 ·36	18	17	Wed.	11	6 ·52	11 ·34	19
17	Mon.	12	3 ·19	27 ·81	16	17	Sun.	13	6 ·01	7 ·40	19	18	Thur.	12	7 ·61	12 ·45	20
18	Tues.	13	4 ·10	1 ·75	17	18	Mon.	14	*Bahula.* 7 ·05	8 ·46	20	19	Fri.	13	8 ·70	13 ·55	21
19	Wed.	14	5 ·02	2 ·71	18	19	Tues.	15	8 ·10	9 ·54	21	20	Sat.	14	9 ·78	14 ·65	22
			6 ·95			20	Wed.	16	9 ·17	10 ·63	22	21	Sun.	15	10 ·84	15 ·75	23
20	Thur.	15	*Bahula.* 7 ·91	3 ·69	19	21	Thur.	17	10 ·25	11 ·75	23	22	Mon.	16	11 ·89	16 ·82	24
21	Fri.	16	8 ·88	4 ·68	20	22	Fri.	18	11 ·34	12 ·85	24	23	Tues.	17	12 ·92	17 ·86	25
22	Sat.	17	9 ·86	5 ·69	21	23	Sat.	19	12 ·43	13 ·96	25	24	Wed.	18	13 ·92	18 ·89	26
23	Sun.	18	10 ·88	6 ·72	22	24	Sun.	20	13 ·50	... ...	26	25	Thur.	19	14 ·91	19 ·90	27
24	Mon.	19	11 ·91	7 ·77	23	25	Mon.	21	14 ·56	14 ·05	27	26	Fri.	20	—A ·88	20 ·90	28
25	Tues.	20	12 ·96	8 ·85	24	26	Tues.	22	—A ·61	15 ·13	28	27	Sat.	21	1 ·83	21 ·87	—29
26	Wed.	21	... ...	9 ·95	25	27	Wed.	23	1 ·65	16 ·19	—29	28	Sun.	22	2 ·76	22 ·82	1
27	Thur.	22	13 ·02	... ...	26	28	Thur.	24	2 ·65	17 ·23	1	—29	Mon.	23	3 ·69	23 ·77	2
28	Fri.	23	14 ·10	10 ·03	27	—29	Fri.	25	3 ·64	18 ·25	2	1	Tues.	24	4 ·59	24 ·70	3
29	Sat.	24	—A ·19	11 ·14	28	1	Sat.	26	4 ·60	19 ·25	3	2	Wed.	25	5 ·49	25 ·64	4
30	Sun.	25	1 ·28	12 ·25	—29	2	Sun.	27	5 ·55	20 ·23	4	3	Thur.	26	6 ·40	26 ·57	5
—31	Mon.	26	2 ·35	13 ·36	1	3	Mon.	28	*Śukla.* 6 ·48	21 ·19	5	4	Fri.	27	7 ·30	27 ·50	6
1	Tues.	27	3 ·41	14 ·44	2	4	Tues.	29	7 ·40	22 ·15	6	5	Sat.	28	8 ·21	1 ·44	7
2	Wed.	28	4 ·46	15 ·51	3	5	Wed.	30	8 ·31	23 ·09	7	6	Sun.	29	9 ·12	2 ·38	8
3	Thur.	29	5 ·48	16 ·56	4	6	Thur.	31	9 ·21	24 ·03	8	7	Mon.	30	10 ·05	3 ·34	9
4	Fri.	30	*Śukla.* 6 ·49	17 ·59	5					25 ·96					11 ·98		
5	Sat.	31	7 ·47	18 ·61	6							8	Tues.	31	12 ·94	4 ·32	10

Nandana. **Karkaṭaka—Ādi.** *H. 506 Muḥarram.* *Nandana.* **Kanyā—Purattāśi.** *H. 506 Rabī-ul awwal.* *Nandana.* **Vṛiśchika—Kārttigai.** *H. 506 Jamāda'l awwal.*

Nandana. **Siṁha—Āvani.** *H. 506 Śafar.* *Nandana.* **Tulā—Aippaśi.** *H. 506 Rabī-ul ākhir.* *Nandana.* **Dhanus—Mārgali.** *H. 506 Jamāda'l ākhir.*

Nandana. **Makara—Tai.** *H. 506 Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1113. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·98.** **Śaka 1035.** **Kaliyuga 4214.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·93.** **(S. Cycle) Vijaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Wed. 1	13 ·92	5 ·30	11	8	Sat. 1	12 ·18	9 ·07	11	8	Thur. 1	14 ·71	15 ·26	13
10	Thur. 2	14 ·90	6 ·31	12	9	Sun. 2	13 ·24	10 ·15	12	9	Fri. 2	ℙ ·77	16 ·36	14
11	Fri. 3	ℙ ·92	7 ·33	13	10	Mon. 3	14 ·31	11 ·24	13	10	Sat. 3	1 ·80	17 ·43	15
12	Sat. 4	1 ·96	8 ·38	14	11	Tues.○ 4	ℙ ·39	12 ·35	14	11	Sun. 4	2 ·82	18 ·48	16
13	Sun. 5	**Pausha.**	9 ·46	15	12	Wed. 5	1 ·47	13 ·46	15	12	Mon. 5	3 ·82	19 ·51	17
14	Mon. 6	2 ·02	10 ·54	16	13	Thur. 6	2 ·56	14 ·56	16	13	Tues. 6	4 ·81	20 ·52	18
15	Tues. 7	3 ·09	11 ·64	17	14	Fri. 7	3 ·64	15 ·66	17	14	Wed. 7	5 ·77	21 ·52	19
16	Wed. 8	4 ·17	12 ·75	18	15	Sat. 8	4 ·70	16 ·74	18	15	Thur. 8	6 ·71	22 ·49	20
17	Thur. 9	5 ·26	13 ·85	19	16	Sun. 9	5 ·74	17 ·80	19	16	Fri. 9	7 ·63	23 ·45	21
18	Fri. 10	6 ·35	14 ·96	20	17	Mon. 10	6 ·77	18 ·85	20	17	Sat. 10	8 ·55	24 ·40	22
19	Sat. 11	7 ·43	... ...	21	18	Tues. 11	7 ·77	19 ·87	21	18	Sun. 11	9 ·45	25 ·33	23
20	Sun. 12	8 ·49	15 ·05	22	19	Wed. 12	8 ·75	20 ·87	22	19	Mon. 12	10 ·34	26 ·28	24
21	Mon. 13	9 ·54	16 ·12	23	20	Thur. 13	9 ·72	21 ·87	23	20	Tues. 13	11 ·25	27 ·21	25
22	Tues. 14	10 ·56	17 ·18	24	21	Fri. 14	10 ·66	22 ·82	24	21	Wed. 14	12 ·14	1 13	26
23	Wed. 15	11 ·57	18 ·21	25	22	Sat. 15	11 ·59	23 ·78	25	22	Thur. 15	13 ·04	2 ·07	27
24	Thur. 16	12 ·55	19 ·23	26	23	Sun. 16	12 ·50	24 ·73	26			14 ·95		
25	Fri. 17	13 ·53	20 ·22	27	24	Mon. 17	13 ·41	25 ·66	27	23	Fri. 16	—A ·87	3 ·01	28
26	Sat. 18	14 ·47	21 ·20	28	25	Tues. 18	14 ·31	26 ·59	28				4 ·97	
27	Sun. 19	—A ·39	22 ·16	29	26	Wed.● 19	—A ·21	27 ·52	29	24	Sat. 17	1 ·80	5 ·94	29
28	Mon. 20	1 ·31	23 ·10	—30	27	Thur. 20	1 ·11	1 ·46	—30	25	Sun. 18	2 ·75	6 ·93	—30
29	Tues. 21	2 ·23	24 ·04	1	28	Fri. 21	2 ·01	2 ·40	1	26	Mon. 19	3 ·73	7 ·93	1
			25 ·98				3 ·93			27	Tues. 20	4 ·71	8 ·95	2
—30	Wed. 22	3 ·14	26 ·91	2	29	Sat. 22	4 ·85	3 ·34	2	28	Wed. 21	5 ·72	9 ·99	3
1	Thur. 23	4 ·04	27 ·84	3	—30	Sun. 23	5 ·78	4 ·30	3	29	Thur. 22	6 ·75	... ...	4
		5 ·94			1	Mon. 24	6 ·73	5 ·28	4	30	Fri. 23	7 ·81	10 ·07	5
2	Fri. 24	6 ·84	1 ·77	4	2	Tues. 25	7 ·71	6 ·23	5	—31	Sat. 24	8 ·88	11 ·15	6
3	Sat. 25	7 ·74	2 ·72	5	3	Wed. 26	8 ·69	7 ·29	6	1	Sun. 25	9 ·96	12 ·25	7
4	Sun. 26	8 ·67	3 ·68	6	4	Thur. 27	9 ·70	8 ·32	7	2	Mon. 26	... ...	13 ·35	8
5	Mon. 27	9 ·61	4 ·64	7	5	Fri. 28	10 ·74	9 ·38	8	3	Tues. 27	10 ·04	14 ·46	9
6	Tues. 28	10 ·57	5 ·63	8	6	Sat. 29	11 ·79	10 ·45	9	4	Wed. 28	11 ·12	15 ·57	10
7	Wed. 29	11 ·54	6 ·63	9	7	Sun. 30	12 ·86	11 ·55	10	5	Thur. 29	12 ·19	16 ·66	11
8	Thur. 30	12 ·54	7 ·65	10	8	Mon. 31	13 ·94	12 ·65	11	6	Fri. 30	13 ·25	17 ·74	12
9	Fri. 31	13 ·55	8 ·70	11						7	Sat. 31	14 ·30	18 ·79	13
	Feb.					**April.**					**June.**			
10	Sat. 1	14 ·58	9 76	12	9	Tues. 1	... ...	13 ·75	12	8	Sun. 1	ℙ ·31	19 ·83	14
11	Sun. 2	ℙ ·64	10 ·84	13	10	Wed. 2	14 ·04	14 ·86	13	9	Mon. 2	1 ·31	20 ·85	15
12	Mon. 3	1 ·71	11 ·94	14	11	Thur. 3	ℙ ·12	15 ·96	14	10	Tues. 3	2 ·30	21 ·85	16
13	Tues. 4	2 ·79	... ...	15	12	Fri. 4	1 ·19	... ...	15	11	Wed. 4	3 ·25	22 ·82	17
14	Wed. 5	3 ·88	12 ·04	16	13	Sat. 5	2 ·24	16 ·04	16	12	Thur. 5	4 ·19	23 ·78	18
15	Thur. 6	4 ·97	13 ·16	17	14	Sun. 6	3 ·28	17 ·12	17	13	Fri. 6	5 ·11	24 ·73	19
16	Fri. 7	... ...	14 ·26	18	15	Mon. 7	4 ·31	18 ·17	18			6 ·03		
17	Sat. 8	5 ·05	15 ·35	19	16	Tues. 8	5 ·31	19 ·19	19	14	Sat. 7	7 ·93	25 ·68	20
18	Sun. 9	6 ·11	16 ·43	20	17	Wed. 9	6 ·30	20 ·20	20	15	Sun. 8	8 ·83	26 ·61	21
19	Mon. 10	7 ·15	17 ·49	21	18	Thur. 10	7 ·26	21 ·18	21	16	Mon. 9	9 ·73	27 ·54	22
20	Tues. 11	8 ·17	18 ·54	22	19	Fri. 11	8 ·21	22 ·16	22	17	Tues. 10	10 ·62	1 ·47	23
21	Wed. 12	9 ·19	19 ·55	23	20	Sat. 12	9 ·13	23 ·12	23	18	Wed. 11	11 ·52	2 ·41	24
22	Thur. 13	10 ·17	20 ·55	24	21	Sun. 13	10 ·04	24 ·06	24	19	Thur. 12	12 ·43	3 ·35	25
23	Fri. 14	11 ·14	21 ·53	25			11 ·95			20	Fri. 13	13 ·35	4 ·31	26
24	Sat. 15	12 ·08	22 ·49	26	22	Mon. 14	12 ·85	25 ·00	25	21	Sat. 14	14 ·28	5 ·27	27
25	Sun. 16	13 ·01	23 ·44	27				26 ·93		22	Sun. 15	—A ·24	6 ·25	28
		14 ·92			23	Tues. 15	13 ·75	27 ·87	26	23	Mon. 16	1 ·21	7 ·25	29
26	Mon. 17	—A ·83	24 ·39	28	24	Wed. 16	14 ·65	1 ·80	27	24	Tues. 17	2 ·19	8 ·27	—30
27	Tues. 18	1 ·74	25 ·32	—29	25	Thur. 17	—A ·55	2 ·73	28	25	Wed. 18	3 ·20	9 ·31	1
28	Wed. 19	2 ·64	26 ·25	1	26	Fri. 18	1 ·45	3 ·68	—29	26	Thur. 19	4 ·23	10 ·37	2
29	Thur. 20	3 ·55	27 ·18	2	27	Sat. 19	2 ·37	4 ·63	1	27	Fri. 20	5 ·28	11 ·45	3
—30	Fri. 21	4 ·45	1 ·11	3	28	Sun. 20	3 ·31	5 ·61	2	28	Sat. 21	6 ·35	12 ·55	4
1	Sat. 22	5 ·36	2 ·06	4	29	Mon. 21	4 ·26	6 ·60	3	29	Sun. 22	7 ·44	13 ·65	5
			3 ·01		30	Tues. 22	5 ·23	7 ·61	4	30	Mon. 23	8 ·52	14 ·76	6
2	Sun. 23	6 ·28	4 ·97	5	—31	Wed. 23	6 ·21	8 ·64	5	31	Tues. 24	9 ·60	15 ·87	7
3	Mon. 24	7 ·21	5 ·93	6	1	Thur. 24	7 ·23	9 ·69	6	—32	Wed. 25	10 ·67	16 ·96	8
4	Tues. 25	8 ·17	6 ·95	7	2	Fri. 25	8 ·26	10 ·75	7	1	Thur. 26	11 ·73	... ...	9
5	Wed. 26	9 ·14	7 ·97	8	3	Sat. 26	9 ·31	11 ·85	8	2	Fri. 27	12 ·77	17 ·04	10
6	Thur. 27	10 ·13	... ...	9	4	Sun. 27	10 ·38	12 ·95	9	3	Sat. 28	13 ·78	18 ·10	11
7	Fri. 28	11 ·14	8 ·01	10	5	Mon. 28	11 ·46	... ...	10	4	Sun. 29	14 ·79	19 ·15	12
					6	Tues. 29	12 ·55	13 ·05	11	5	Mon. 30	ℙ ·76	20 ·17	13
					7	Wed. 30	13 ·63	14 ·16	12					

Nandana. **Makara—Tai.** *Bahula.* *Sukla.* *H. 506 Rajab.*
Nandana. **Kumbha—Māsi.** *Bahula.* *Sukla.* *H. 506 Sha'bān.*
Nandana. **Mīna—Phālguna.** *Bahula.* *Sukla.* *H. 506 Ramadān.*
Vijaya. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H. 506 Shawwāl.*
Vijaya. **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* *H. 506 Zi-l-ka'da.*
Vijaya. **Mithuna—Āni.** *Bahula.* *Sukla.* *H. 506 Zi-l-hijja.*
H. 507 Muharram.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1113. **Kollam 289,** { **N. Malabar—Aug.** **Hijra 507.** **Vikrama 1170.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 18.** **Bengal San. 519.**
P—Paurnimā. **(N. Cycle) Durmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	1 ·73	21 ·17	14	6	Mon.	1	4 ·12	2 ·43	17	6	Sat.	1	7 ·91	9 ·88	19
7	Wed.	2	2 ·67	22 ·15	15	7	Tues.	2	5 ·02 / 6 ·94	3 ·36	18	7	Sun.	2	8 ·93	10 ·93	20
8	Thur.	3	3 ·60	23 ·12	16							8	Mon.	3	9 ·96	11 ·99	21
9	Fri.	4	4 ·50	24 ·08	17	8	Wed.	3	7 ·86	4 ·31	19	9	Tues.	4	.. ...	.. ...	22
10	Sat.	5	5 ·40	25 ·02 / 26 ·95	18	9	Thur.	4	8 ·80	5 ·26	20	10	Wed.	5	10 ·02	12 ·06	23
11	Sun.	6	6 ·30	27 ·88	19	10	Fri.	5	9 ·75	6 ·24	21	11	Thur.	6	11 ·09	13 ·15	24
12	Mon.	7	7 ·20	1 ·81	20	11	Sat.	6	10 ·73	7 ·22	22	12	Fri.	7	12 ·17	14 ·25	25
13	Tues.	8	8 ·10	2 ·74	21	12	Sun.	7	11 ·72	8 ·23	23	13	Sat.	8	13 ·26	15 ·37	26
14	Wed.	9	9 ·00	3 ·69	22	13	Mon.	8	12 ·73	9 ·25	24	14	Sun.	9	14 ·36	16 ·47	27
			10 ·91			14	Tues.	9	13 ·77	10 ·30	25	15	Mon.	10	—A ·43	17 ·57	28
15	Thur.	10	11 ·83	4 ·64	23	15	Wed.	10	14 ·82	11 ·37	26	16	Tues.	11	1 ·49	18 ·65	29
16	Fri.	11	12 ·77	5 ·60	24	16	Thur.	11	—A ·89	12 ·46	27	17	Wed.	12	2 ·54	19 ·72	30
17	Sat.	12	13 ·72	6 ·58	25	17	Fri.	12	1 ·97	13 ·55	28	18	Thur.	13	3 ·57	20 ·77	1
18	Sun.	13	14 ·68	7 ·57	26	18	Sat.	13	.. ...	14 ·66	29	19	Fri.	14	4 ·57	21 ·79	2
19	Mon.	14	—A ·67	8 ·59	27	19	Sun.	14	2 ·06	15 ·76	—30	20	Sat.	15	5 ·55	22 ·79	3
20	Tues.	15	1 ·68	9 ·63	28	20	Mon.	15	3 ·14	16 ·87	1	21	Sun.	16	6 ·51	23 ·78	4
21	Wed.	16	2 ·72	10 ·68	29	21	Tues.	16	4 ·22	17 ·97	2	22	Mon.	17	7 ·46	24 ·75	5
22	Thur.	17	3 ·76	11 ·75	—30	22	Wed.	17	5 ·28	.. ...	3	23	Tues.	18	8 ·39	25 ·71	6
23	Fri.	18	4 ·83	12 ·84	1	23	Thur.	18	6 ·32	18 ·04	4	24	Wed.	19	9 ·31	26 ·65	7
24	Sat.	19	5 ·92	13 ·95	2	24	Fri.	19	7 ·35	19 ·09	5	25	Thur.	20	10 ·22	27 ·58	8
25	Sun.	20	.. ...	.. ...	3	25	Sat.	20	8 ·34	20 ·13	6	26	Fri.	21	11 ·13	1 ·51	9
26	Mon.	21	6 ·00	14 ·06	4	26	Sun.	21	9 ·33	21 ·14	7	27	Sat.	22	12 ·03	2 ·44	10
27	Tues.	22	7 ·08	15 ·17	5	27	Mon.	22	10 ·30	22 ·14	8				13 ·93		
28	Wed.	23	8 ·15	16 ·26	6	28	Tues.	23	11 ·24	23 ·12	9	28	Sun.	23	14 ·84	3 ·37	11
29	Thur.	24	9 ·22	17 ·35	7	29	Wed.	24	12 ·17	24 ·08	10	—29	Mon.	24	P ·75	4 ·32	12
30	Fri.	25	10 ·26	18 ·42	8	30	Thur.	25	13 ·09	25 ·03	11	1	Tues.	25	1 ·68	5 ·27	13
—31	Sat.	26	11 ·28	19 ·47	9				14 ·99	26 ·97		2	Wed.	26	2 ·62	6 ·23	14
1	Sun.	27	12 ·28	20 ·49	10	—31	Fri.	26	P ·89	27 ·91	12	3	Thur.	27	3 ·58	7 ·20	15
2	Mon.	28	13 ·25	21 ·50	11	1	Sat.	27	1 ·79	1 ·84	13	4	Fri.	28	4 ·55	8 ·19	16
3	Tues.	29	14 ·21	22 ·48	12	2	Sun.	28	2 ·69	2 ·77	14	5	Sat.	29	5 ·56	9 ·21	17
4	Wed.	30	P ·16	23 ·45	13	3	Mon.	29	3 ·60	3 ·70	15	6	Sun.	30	6 ·57	10 ·24	18
5	Thur.	31	1 ·09	24 ·41	14	4	Tues.	30	4 ·51	4 ·64	16						
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	2 ·00	25 ·36	15	5	Wed.	1	5 ·44	5 ·60	17	7	Mon.	1	7 ·81	11 ·29	19
			3 ·90			6	Thur.	2	6 ·37	6 ·57	18	8	Tues.	2	8 ·66	12 ·36	20
7	Sat.	2	4 ·80	26 ·29	16	7	Fri.	3	7 ·32	7 ·55	19	9	Wed.	3	9 ·72	13 ·45	21
8	Sun.	3	5 ·70	27 ·22	17	8	Sat.	4	8 ·30	8 ·55	20	10	Thur.	4	10 ·81	14 ·56	22
9	Mon.	4	6 ·60	1 ·15	18	9	Sun.	5	9 ·30	9 ·57	21	11	Fri.	5	11 ·90	15 ·67	23
10	Tues.	5	7 ·50	2 ·09	19	10	Mon.	6	10 ·32	10 ·61	22	12	Sat.	6	12 ·99	16 ·77	24
				3 ·03		11	Tues.	7	11 ·35	11 ·68	23	13	Sun.	7	.. ...	17 ·87	25
11	Wed.	6	8 ·41	4 ·97	20	12	Wed.	8	12 ·41	12 ·76	24	14	Mon.	8	13 ·07	18 ·96	26
12	Thur.	7	9 ·33	5 ·93	21	13	Thur.	9	13 ·47	13 ·85	25	15	Tues.	9	14 ·14	.. ...	27
13	Fri.	8	10 ·27	6 ·90	22	14	Fri.	10	14 ·55	14 ·96	26	16	Wed.	10	—A ·18	19 ·04	28
14	Sat.	9	11 ·22	7 ·90	23	15	Sat.	11	—A ·64	.. ...	27	17	Thur.	11	1 ·21	20 ·08	—29
15	Sun.	10	12 ·19	8 ·91	24	16	Sun.	12	1 ·73	15 ·06	28	18	Fri.	12	2 ·21	21 ·11	1
16	Mon.	11	13 ·18	9 ·94	25	17	Mon.	13	2 ·81	16 ·18	—29	19	Sat.	13	3 ·19	22 ·12	2
17	Tues.	12	14 ·19	10 ·99	26	18	Tues.	14	3 ·87	17 ·27	1	20	Sun.	14	4 ·16	23 ·11	3
18	Wed.	13	—A ·23	.. ...	27	19	Wed.	15	4 ·92	18 ·35	2	21	Mon.	15	5 ·10	24 ·09	4
19	Thur.	14	1 ·28	11 ·06	28	20	Thur.	16	5 ·94	19 ·41	3	22	Tues.	16	6 ·03	25 ·04	5
20	Fri.	15	2 ·35	12 ·16	—29	21	Fri.	17	6 ·94	20 ·44	4				7 ·95	26 ·99	
21	Sat.	16	3 ·43	13 ·25	1	22	Sat.	18	7 ·92	21 ·47	5	23	Wed.	17	8 ·87	27 ·92	6
22	Sun.	17	4 ·52	14 ·36	2	23	Sun.	19	8 ·88	22 ·47	6	24	Thur.	18	9 ·77	1 ·85	7
23	Mon.	18	5 ·60	15 ·47	3	24	Mon.	20	9 ·83	23 ·45	7	25	Fri.	19	10 ·67	2 ·78	8
24	Tues.	19	6 ·67	16 ·57	4	25	Tues.	21	10 ·76	24 ·41	8	26	Sat.	20	11 ·58	3 ·72	9
25	Wed.	20	7 ·73	17 ·65	5	26	Wed.	22	11 ·68	25 ·36	9	27	Sun.	21	12 ·48	4 ·66	10
26	Thur.	21	8 ·77	18 ·73	6	27	Thur.	23	12 ·58	26 ·31	10	28	Mon.	22	13 ·40	5 ·60	11
27	Fri.	22	9 ·79	19 ·78	7	28	Fri.	24	13 ·49	27 ·25	11	29	Tues.	23	14 ·33	6 ·56	12
28	Sat.	23	10 ·79	20 ·81	8	29	Sat.	25	14 ·39	1 ·18	12	—30	Wed.	24	P ·26	7 ·53	13
29	Sun.	24	11 ·78	21 ·82	9	—30	Sun.	26	P ·29	2 ·11	13	1	Thur.	25	1 ·22	8 ·52	14
30	Mon.	25	12 ·74	22 ·81	10	1	Mon.	27	1 ·20	3 ·04 / 4 ·99	14	2	Fri.	26	2 ·20	9 ·53	15
—31	Tues.	26	13 ·67	23 ·79	11							3	Sat.	27	3 ·20	10 ·55	16
1	Wed.	27	14 ·60	24 ·75	12	2	Tues.	28	2 ·12	5 ·93	15	4	Sun.	28	4 ·21	11 ·60	17
2	Thur○	28	P ·52	25 ·69	13	3	Wed.	29	3 ·05 / 4 ·98	6 ·91	16	5	Mon.	29	5 ·25	12 ·67	18
3	Fri.	29	1 ·43	26 ·63	14							6	Tues.	30	6 ·31	13 ·76	19
4	Sat.	30	2 ·33	27 ·56	15	4	Thur.	30	5 ·94	7 ·87	17	7	Wed.	31	7 ·38	14 ·86	20
5	Sun.	31	3 ·23	1 ·50	16	5	Fri.	31	6 ·92	8 ·87	18						

Vijaya. **Karkataka—Ādi.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Sinha—Āvani.**

Vijaya. **Kanyā—Puraṭṭāśi.** *Bahula.* **Āśvina.** *Sukla.* **Tulā—Aippaśi.**

Vijaya. **Vṛśchika—Kārttigai.** *Bahula.* **Mārgaśirsha.** *Sukla.* **Dhanus—Mārgali.**

Vijaya. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.*

Muharram. *H.* 507 *Safar.* *H.* 507 *Rabī-ul awwal.* *H.* 507 *Rabī-ul ākhir.* *H.* 507 *Jamāda'l awwal.* *H.* 507 *Jamāda'l ākhir.* *H.* 507 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1114. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Kaliyuga 4215.**
Solar Eclipse. ● **(Surya Sid.) March 24·24.** **Śaka 1036.** **(S. Cycle) Jaya.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·19.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Thur.	1	8 ·46	15 ·97	21	8	Sun.	1		19 ·96	21	8	Fri.	1	9 ·08	25 ·71	23
9	Fri.	2	9 ·55	... ..	22	9	Mon.	2	8 ·00	... ...	22				10 ·02		
10	Sat.	3	10 ·64	16 ·07	23	10	Tues.	3	9 ·05	20 ·02	23	9	Sat.	2	11 ·95	26 ·67	24
11	Sun.	4	11 ·71	17 ·17	24	11	Wed.	4	10 ·08	21 ·06	24	10	Sun.	3	12 ·86	27 ·62	25
12	Mon.	5	12 ·78	18 ·27	25	12	Thur.	5	11 ·07	22 ·09	25	11	Mon.	4	13 ·76	1 ·55	26
13	Tues.	6	13 ·83	19 ·34	26	13	Fri.	6	12 ·05	23 ·09	26	12	Tues.	5	14 ·66	2 ·49	27
14	Wed.	7	14 ·86	20 ·40	27	14	Sat.	7	13 ·01	24 ·08	27	13	Wed.	6	A ·56	3 ·41	28
15	Thur.	8	A ·85	21 ·43	28				14 ·96			14	Thur.	7	1 ·46	4 ·35	29
16	Fri.	9	1 ·84	22 ·44	29	15	Sun.	8	A ·89	25 ·04	28	15	Fri.	8	2 ·36	5 ·29	30
17	Sat.	10	2 ·80	23 ·43	30					26 ·99		16	Sat.	9	3 ·27	6 ·23	1
18	Sun.	11	3 ·74	24 ·42	1	16	Mon.	9	1 ·81	27 ·94	29	17	Sun.	10	4 ·19	7 ·18	2
19	Mon.	12	4 ·68	25 ·38	2	17	Tues.	10	2 ·72	1 ·88	30	18	Mon.	11	5 ·13	8 ·15	3
20	Tues.	13	5 ·60	26 ·32	3	18	Wed.	11	3 ·62	2 ·81	1	19	Tues.	12	6 ·08	9 ·15	4
21	Wed.	14	6 ·51	27 ·26	4	19	Thur.	12	4 ·51	3 ·74	2	20	Wed.	13	7 ·05	10 ·15	5
22	Thur.	15	7 ·41	1 ·19	5	20	Fri.	13	5 ·41	4 ·67	3	21	Thur.	14	8 ·03	11 ·17	6
23	Fri.	16	8 ·31	2 ·13	6	21	Sat.	14	6 ·32	5 ·62	4	22	Fri.	15	9 ·05	12 ·21	7
24	Sat.	17	9 ·22	3 ·06	7	22	Sun.	15	7 ·23	6 ·56	5	23	Sat.	16	10 ·09	13 ·28	8
				4 ·99		23	Mon.	16	8 ·15	7 ·52	6	24	Sun.	17	11 ·14	14 ·37	9
25	Sun.	18	10 ·13	5 ·94	8	24	Tues.	17	9 ·09	8 ·50	7	25	Mon.	18	12 ·21	15 ·47	10
26	Mon.	19	11 ·04	6 ·89	9	25	Wed.	18	10 ·05	9 ·49	8	26	Tues.	19	13 ·28	16 ·57	11
			12 ·96			26	Thur.	19	11 ·02	10 ·50	9	27	Wed.	20	14 ·37	17 ·68	12
27	Tues.	20	13 ·90	7 ·86	10	27	Fri.	20	12 ·01	11 ·54	10	28	Thur.	21	P ·46	18 ·78	13
28	Wed.	21	14 ·86	8 ·85	11	28	Sat.	21	13 ·03	12 ·60	11	29	Fri.	22	1 ·53	19 ·88	14
29	Thur.	22	P ·84	9 ·85	12	29	Sun.	22	14 ·06	13 ·67	12	30	Sat.	23	2 ·58	20 ·96	15
1	Fri.	23	1 ·83	10 ·87	13	30	Mon.	23	P ·11	14 ·76	13	31	Sun.	24	3 ·62	... ...	16
2	Sat.	24	2 ·84	11 ·91	14	1	Tues.	24	1 ·18	15 ·86	14	32	Mon.	25	4 ·65	21 ·01	17
3	Sun.	25	3 ·88	12 ·98	15	2	Wed.	25	2 ·26	16 ·98	15	1	Tues.	26	5 ·63	22 ·05	18
4	Mon.	26	4 ·94	... ..	16	3	Thur.	26	3 ·34	... ...	16	2	Wed.	27	6 ·61	23 ·06	19
5	Tues.	27	... ...	13 ·06	17	4	Fri.	27	4 ·43	17 ·08	17	3	Thur.	28	7 ·57	24 ·07	20
6	Wed.	28	5 ·01	14 ·16	18	5	Sat.	28	5 ·51	18 ·18	18	4	Fri.	29	8 ·50	25 ·04	21
7	Thur.	29	6 ·09	15 ·26	19	6	Sun.	29	6 ·57	19 ·26	19					26 ·00	
8	Fri.	30	7 ·19	16 ·37	20	7	Mon.	30	7 ·61	20 ·33	20	5	Sat.	30	9 ·43	27 ·95	22
9	Sat.	31	8 ·27	17 ·48	21	8	Tues.	31	8 ·63	21 ·39	21	6	Sun.	31	10 ·35	1 ·89	23
		Feb.						**April.**						**June.**			
10	Sun.	1	9 ·35	18 ·57	22	9	Wed.	1	9 ·63	22 ·41	22	7	Mon.	1	11 ·25	2 ·82	24
11	Mon.	2	10 ·41	19 ·65	23	10	Thur.	2	10 ·61	23 ·42	23	8	Tues.	2	12 ·14	3 ·76	25
12	Tues.	3	11 ·45	20 ·71	24	11	Fri.	3	11 ·57	24 ·40	24	9	Wed.	3	13 ·04	4 ·69	26
13	Wed.	4	12 ·48	21 ·75	25	12	Sat.	4	12 ·51	25 ·37	25				14 ·94		
14	Thur.	5	13 ·47	22 ·76	26	13	Sun.	5	13 ·43	26 ·34	26	10	Thur.	4	A ·84	5 ·63	27
15	Fri.	6	14 ·46	23 ·77	27	14	Mon.	6	14 ·35	27 ·28	27	11	Fri.	5	1 ·75	6 ·57	28
16	Sat.	7	A ·42	24 ·75	28	15	Tues.	7	A ·26	1 ·22	28	12	Sat.	6	2 ·87	7 ·52	29
17	Sun.	8	1 ·37	25 ·71	29	16	Wed.	8	1 ·16	2 ·15	29	13	Sun.	7	3 ·61	8 ·49	1
18	Mon.	9	2 ·30	26 ·66	1	17	Thur.	9	2 ·06	3 ·08	1	14	Mon.	8	4 ·56	9 ·47	2
19	Tues.	10	3 ·21	27 ·60	2				3 ·96			15	Tues.	9	5 ·54	10 ·47	3
20	Wed.	11	4 ·12	1 ·54	3	18	Fri.	10	4 ·86	4 ·02	2	16	Wed.	10	6 ·53	11 ·49	4
21	Thur.	12	5 ·03	2 ·47	4					5 ·95		17	Thur.	11	7 ·53	12 ·53	5
			6 ·93			19	Sat.	11	5 ·76	6 ·90	3	18	Fri.	12	8 ·57	13 ·59	6
22	Fri.	13	7 ·83	3 ·40	5	20	Sun.	12	6 ·69	7 ·85	4	19	Sat.	13	9 ·62	14 ·67	7
23	Sat.	14	8 ·74	4 ·33	6	21	Mon.	13	7 ·62	8 ·82	5	20	Sun.	14	10 ·70	15 ·77	8
24	Sun.	15	9 ·65	5 ·27	7	22	Tues.	14	8 ·58	9 ·81	6	21	Mon.	15	11 ·79	16 ·87	9
25	Mon.	16	10 ·57	6 ·23	8	23	Wed.	15	9 ·55	10 ·83	7	22	Tues.	16	12 ·87	17 ·98	10
26	Tues.	17	11 ·51	7 ·19	9	24	Thur.	16	10 ·55	11 ·86	8	23	Wed.	17	13 ·94	... ...	11
27	Wed.	18	12 ·47	8 ·17	10	25	Fri.	17	11 ·56	12 ·91	9	24	Thur.	18	... ...	18 ·09	12
28	Thur.	19	13 ·45	9 ·17	11	26	Sat.	18	12 ·60	13 ·97	10	25	Fri.	19	14 ·00	19 ·18	13
29	Fri.	20	14 ·44	10 ·18	12	27	Sun.	19	13 ·64	... ...	11	26	Sat.	20	P ·06	20 ·26	14
30	Sat.○	21	P ·46	11 ·23	13	28	Mon.	20	14 ·71	14 ·06	12	27	Sun.	21	1 ·10	21 ·32	15
1	Sun.	22	1 ·49	12 ·29	14	29	Tues.	21	P ·80	15 ·16	13	28	Mon.	22	2 ·12	22 ·36	16
2	Mon.	23	2 ·55	13 ·37	15	30	Wed.	22	1 ·88	16 ·27	14	29	Tues.	23	3 ·11	23 ·38	17
3	Tues.	24	3 ·62	14 ·46	16	31	Thur.	23	2 ·96	17 ·38	15	30	Wed.	24	4 ·09	24 ·39	18
4	Wed.	25	4 ·69	15 ·56	17	1	Fri.	24	... ...	18 ·48	16	31	Thur.	25	5 ·04	25 ·37	19
5	Thur.	26	5 ·78	16 ·67	18	2	Sat.	25	3 ·03	19 ·57	17				6 ·98		
6	Fri.	27	6 ·86	17 ·78	19	3	Sun.	26	4 ·09	20 ·65	18	1	Fri.	26	7 ·91	26 ·34	20
7	Sat.	28	7 ·94	18 ·88	20	4	Mon.	27	5 ·13	21 ·70	19	2	Sat.	27	8 ·82	27 ·29	21
						5	Tues.	28	6 ·15	22 ·73	20	3	Sun.	28	9 ·73	1 ·23	22
						6	Wed.	29	7 ·15	23 ·74	21	4	Mon.	29	10 ·63	2 ·17	23
						7	Thur.	30	8 ·12	24 ·78	22	5	Tues.	30	11 ·53	3 ·10	24

Vijaya. **Makara—Tai.** *Sukla.* *Bahula.* *H. 507 Rajab.*
Vijaya. **Kumbha—Māsi.** *Bahula.* *Sukla.* *H. 507 Ramazān.*
Vijaya. **Mīna—Pāṅguni.** *Sukla.* *Bahula.* *H. 507 Shaʻbān.*
Jaya. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H. 507 Shawwāl.*
Jaya. **Vṛishabha—Vaigāśi.** *Sukla.* *Bahula.* *H. 507 Zi-l-ḳi'da.*
Jaya. **Mithuna—Āni.** *Sukla.* *Bahula.* *H. 507 Zi-l-ḥijja.*
Jaya. **Karkaṭa—Āḍi.** *Bahula.* *Sukla.* *H. 508 Muḥarram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1114. **Kollam 290,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 508.** Commences **June 7.** **Vikrama 1171.** **Bengal San. 520.** **(N. Cycle) Hemalamba**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Wed. 1	12 ·42	4 ·03 / 5 ·96	25	5	Tues. 1	—**A** ·04	12 ·47	28	6	Sun. 1	2 ·56	18 ·58	—30
7	Thur. 2	13 ·32	6 ·90	26	6	Wed. 2	1 ·04	13 ·52	29	7	Mon. 2	3 ·65	19 ·70	1
8	Fri. 3	14 ·23	7 ·86	27	7	Thur. 3	2 ·07	14 ·58	—30	8	Tues. 3	4 ·72	20 ·79	2
9	Sat. 4	—**A** ·15	8 ·82	28	8	Fri. 4	3 ·13	15 ·67	1	9	Wed. 4	5 ·78	21 ·87	3
10	Sun. 5	1 ·09	9 ·80	29	9	Sat. 5	4 ·20	16 ·77	2	10	Thur. 5	6 ·83	22 ·94	4
11	Mon. 6	2 ·04	10 ·79	—30	10	Sun. 6	5 ·29	17 ·88	3	11	Fri. 6	7 ·86	23 ·98	5
12	Tues. 7	3 ·02	11 ·80	1	11	Mon. 7	6 ·38	18 ·99	4	12	Sat. 7	8 ·85	... ...	6
13	Wed. 8	4 ·00	12 ·85	2	12	Tues. 8	*Sukla.* 7 ·46	... ...	5	13	Sun. 8	9 ·83	24 ·01	7
14	Thur. 9	5 ·02	13 ·90	3	13	Wed. 9	8 ·53	19 ·09	6	14	Mon. 9	10 ·79	25 ·01	8
15	Fri. 10	6 ·05	14 ·98	4	14	Thur. 10	9 ·59	20 ·18	7	15	Tues. 10	11 ·74	26 ·00 / 27 ·96	9
16	Sat. 11	7 ·10	... ...	5	15	Fri. 11	10 ·63	21 ·26	8	16	Wed. 11	12 ·67	1 ·92	10
17	Sun. 12	8 ·17	15 ·07	6	16	Sat. 12	11 ·65	22 ·31	9	17	Thur. 12	13 ·58	2 ·86	11
18	Mon. 13	9 ·25	16 ·17	7	17	Sun. 13	12 ·65	23 ·35	10	18	Fri. 13	14 ·49	3 ·80	12
19	Tues. 14	10 ·34	17 ·28	8	18	Mon. 14	13 ·63	24 ·36	11	19	Sat. 14	**P** ·40	4 ·73	13
20	Wed. 15	11 ·42	18 ·39	9	19	Tues. 15	14 ·59	25 ·35	12	20	Sun. 15	1 ·31	5 ·66	14
21	Thur. 16	12 ·49	19 ·49	10	20	Wed. 16	**P** ·53	26 ·34	13	21	Mon. 16	2 ·20	6 ·59	15
22	Fri. 17	13 ·54	20 ·57	11	21	Thur. 17	1 ·46	27 ·30	14	22	Tues. 17	3 ·10	7 ·53	16
23	Sat. 18	14 ·58	21 ·63	12	22	Fri. 18	2 ·37	1 ·25	15	23	Wed. 18	4 ·02 / 5 ·95	8 ·49	17
24	Sun. 19	**P** ·60	22 ·68	13	23	Sat. 19	3 ·28	2 ·19	16	24	Thur. 19	6 ·90	9 ·45	18
25	Mon. 20	1 ·59	23 ·71	14	24	Sun. 20	4 ·18	3 ·12	17	25	Fri. 20	7 ·86	10 ·42	19
26	Tues. 21	2 ·58	24 ·72	15	25	Mon. 21	5 ·08 / 6 ·98	4 ·06 / 5 ·99	18	26	Sat. 21	8 ·84	11 ·41	20
27	Wed. 22	3 ·53	25 ·70	16	26	Tues. 22	*Bahula.* 7 ·89	6 ·92	19	27	Sun. 22	9 ·83	12 ·42	21
28	Thur. 23	4 ·47	26 ·67	17	27	Wed. 23	8 ·81	7 ·86	20	28	Mon. 23	10 ·85	13 ·46	22
29	Fri. 24	5 ·39	27 ·62	18	28	Thur. 24	9 ·73	8 ·81	21	—29	Tues. 24	11 ·89	14 ·51	23
30	Sat. 25	6 ·31	1 ·58	19	29	Fri. 25	10 ·67	9 ·78	22	1	Wed. 25	12 ·94	15 ·58	24
31	Sun. 26	7 ·22	2 ·51	20	—30	Sat. 26	11 ·63	10 ·77	23	2	Thur. 26	... ...	16 ·67	25
—32	Mon. 27	8 ·11	3 ·44	21	1	Sun. 27	12 ·60	11 ·77	24	3	Fri. 27	13 ·02	17 ·77	26
1	Tues. 28	9 ·01 / 10 ·91	4 ·37	22	2	Mon. 28	13 ·60	12 ·79	25	4	Sat. 28	14 ·11	18 ·89	27
2	Wed. 29	11 ·81	5 ·30	23	3	Tues. 29	14 ·61	13 ·83	26	5	Sun. 29	—**A** ·20	19 ·99	28
3	Thur. 30	12 ·72	6 ·25	24	4	Wed. 30	—**A** ·65	14 ·89	27	6	Mon. 30	1 ·29	... ...	—29
4	Fri. 31	13 ·65	7 ·19	25										
	Aug.					**Oct.**					**Dec.**			
5	Sat. 1	14 ·58	8 ·15	26	5	Thur. 1	1 ·70	15 ·98	28	7	Tues. 1	2 ·37	20 ·09	1
6	Sun. 2	—**A** ·53	9 ·12	27	6	Fri. 2	2 ·77	... ...	—29	8	Wed. 2	3 ·43	21 ·18	2
7	Mon. 3	1 ·51	10 ·11	28	7	Sat. 3	3 ·86	16 ·07	1	9	Thur. 3	4 ·47	22 ·25	3
8	Tues. 4	2 ·50	11 ·13	—29	8	Sun. 4	4 ·95	17 ·18	2	10	Fri. 4	5 ·49	23 ·29	4
9	Wed. 5	3 ·52	12 ·16	1	9	Mon. 5	... ...	18 ·28	3	11	Sat. 5	6 ·49	24 ·33	5
10	Thur. 6	*Sukla.* 4 ·54	13 ·21	2	10	Tues. 6	5 ·04	19 ·39	4	12	Sun. 6	7 ·48	25 ·34	6
11	Fri. 7	5 ·60	14 ·28	3	11	Wed. 7	6 ·11	20 ·49	5	13	Mon. 7	8 ·44	26 ·33	7
12	Sat. 8	6 ·67	15 ·37	4	12	Thur. 8	*Sukla.* 7 ·17	21 ·57	6	14	Tues. 8	9 ·39	27 ·30	8
13	Sun. 9	7 ·76	16 ·47	5	13	Fri. 9	8 ·21	22 ·63	7	15	Wed. 9	10 ·31	1 ·25	9
14	Mon. 10	8 ·84	17 ·58	6	14	Sat. 10	9 ·24	23 ·66	8	16	Thur. 10	11 ·23	2 ·21	10
15	Tues. 11	9 ·92	18 ·69	7	15	Sun. 11	10 ·23	24 ·68	9	17	Fri. 11	12 ·14	3 ·14	11
16	Wed. 12	... ...	19 ·79	8	16	Mon. 12	11 ·21	25 ·69	10	18	Sat. 12	13 ·04 / 14 ·94	4 ·07	12
17	Thur. 13	10 ·00	20 ·87	9	17	Tues. 13	12 ·17	26 ·67	11	19	Sun. 13	**P** ·84	5 ·00 / 6 ·97	13
18	Fri. 14	11 ·05	21 ·94	10	18	Wed. 14	13 ·12	27 ·63	12	20	Mon. 14	1 ·75	7 ·88	14
19	Sat. 15	12 ·09	... ...	11	19	Thur. 15	14 ·05 / **P** ·96	1 ·58	13	21	Tues. 15	2 ·67	8 ·82	15
20	Sun. 16	13 ·11	22 ·00	12	20	Fri. 16	1 ·87	2 ·52	14	22	Wed. 16	3 ·60	9 ·78	16
21	Mon. 17	14 ·11	23 ·03	13	21	Sat. 17	2 ·77	3 ·46	15	23	Thur. 17	4 ·54	10 ·75	17
22	Tues. ○18	**P** ·09	24 ·04	14	22	Sun. 18	3 ·67	4 ·39	16	24	Fri. 18	5 ·50	11 ·73	18
23	Wed. 19	1 ·05 / 2 ·99	25 ·03	15	23	Mon. 19	*Kārttika.* 4 ·57	5 ·32	17	25	Sat. 19	6 ·48	12 ·75	19
24	Thur. 20	3 ·91	26 ·00 / 27 ·97	16	24	Tues. 20	5 ·48	6 ·26	18	26	Sun. 20	7 ·47	13 ·77	20
25	Fri. 21	4 ·82	1 ·91	17	25	Wed. 21	6 ·40	7 ·20	19	27	Mon. 21	8 ·50	14 ·82	21
26	Sat. 22	5 ·73	2 ·85	18	26	Thur. 22	7 ·33	8 ·14	20	28	Tues. 22	9 ·54	15 ·89	22
27	Sun. 23	*Bahula.* 6 ·63	3 ·78	19	27	Fri. 23	8 ·27	9 ·12	21	29	Wed. 23	*Bahula.* 10 ·60	16 ·97	23
28	Mon. 24	7 ·53	4 ·71	20	28	Sat. 24	*Bahula.* 9 ·23	10 ·09	22	—30	Thur. 24	11 ·67	... ...	24
29	Tues. 25	8 ·43	5 ·65	21	29	Sun. 25	10 ·20	11 ·09	23	1	Fri. 25	12 ·75	17 ·08	25
30	Wed. 26	9 ·33	6 ·58	22	—30	Mon. 26	11 ·20	12 ·10	24	2	Sat. 26	13 ·85	18 ·19	26
—31	Thur. 27	10 ·24	7 ·53	23	1	Tues. 27	12 ·21	13 ·14	25	3	Sun. 27	14 ·93	19 ·29	27
1	Fri. 28	11 ·17	8 ·48	24	2	Wed. 28	13 ·25	14 ·21	26	4	Mon. 28	... ...	20 ·39	28
2	Sat. 29	12 ·11	9 ·45	25	3	Thur. 29	14 ·31	15 ·28	27	5	Tues. 29	—**A** ·01	21 ·48	29
3	Sun. 30	13 ·07	10 ·44	26	4	Fri. 30	—**A** ·39	16 ·37	28	6	Wed. 30	1 ·07	22 ·55	—30
4	Mon. 31	14 ·04	11 ·45	27	5	Sat. 31	1 ·47	17 ·47	29	7	Thur. 31	2 ·11	23 ·62	1

Jaya. **Karkataka—Ādi.** *H. 508 Safar.*

Jaya. **Simha—Āvani.** *H. 508 Rabī-ul awwal.*

Jaya. **Kanyā—Purattāsi.** *H. 508 Rabī-ul ākhir.*

Jaya. **Tulā—Aippasi.** *H. 508 Jamāda'l awwal.*

Jaya. **Vrischika—Kārttigai.** *H. 508 Jamāda'l ākhir.*

Jaya. **Dhanus—Mārgali.** *H. 508 Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1115. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·50.** **Śaka 1037.** **Kaliyuga 4216.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·45.** **(S. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1	3 ·14	24 ·65	2	8	Mon.	1	3 ·25	1 ·26	2	8	Sat.	1	6 ·68	8 ·51	4
9	Sat.	2	4 ·14	25 ·66	3	9	Tues.	2	4 ·18	2 ·21	3	9	Sun.	2	7 ·59	9 ·45	5
10	Sun.	3	5 ·12	26 ·65	4	10	Wed.	3	5 ·10	3 ·15	4	10	Mon.	3	8 ·51	10 ·40	6
11	Mon.	4	6 ·08	27 ·63	5	11	Thur.	4	6 ·01	4 ·09	5	11	Tues.	4	9 ·44	11 ·34	7
12	Tues.	5	7 ·03	1 ·60	6				7 ·91			12	Wed.	5	10 ·40	12 ·36	8
			8 ·95			12	Fri.	5	8 ·81	5 ·03	6	13	Thur.	6	11 ·38	13 ·37	9
13	Wed.	6	9 ·87	2 ·54	7					6 ·96		14	Fri.	7	12 ·37	14 ·39	10
14	Thur.	7	10 ·78	3 ·48	8	13	Sat.	6	9 ·71	7 ·89	7	15	Sat.	8	13 ·38	15 ·43	11
15	Fri.	8	11 ·69	4 ·41	9	14	Sun.	7	10 ·61	8 ·83	8	16	Sun.	9	14 ·42	16 ·50	12
16	Sat.	9	12 ·58	5 ·34	10	15	Mon.	8	11 ·53	9 ·77	9	17	Mon.	10	P ·48	17 ·58	13
17	Sun.	10	13 ·49	6 ·28	11	16	Tues.	9	12 ·45	10 ·74	10	18	Tues.	11	1 ·55	18 ·69	14
18	Mon.	11	14 ·40	7 ·21	12	17	Wed.	10	13 ·39	11 ·72	11	19	Wed.	12	2 ·62	19 ·79	15
19	Tues.	12	P ·31	8 ·16	13	18	Thur.	11	14 ·35	12 ·71	12	20	Thur.	13	3 ·71	20 ·90	16
20	Wed.	13	1 ·24	9 ·11	14	19	Fri.	12	P ·32	13 ·72	13	21	Fri.	14	4 ·79	... ...	17
21	Thur.	14	2 ·18	10 ·07	15	20	Sat.	13	1 ·32	14 ·75	14	22	Sat.	15	5 ·85	21 ·00	18
22	Fri.	15	3 ·15	11 ·07	16	21	Sun.	14	2 ·33	15 ·82	15	23	Sun.	16	6 ·91	22 ·09	19
23	Sat.	16	4 ·12	12 ·07	17	22	Mon.	15	3 ·37	16 ·89	16	24	Mon.	17	7 ·95	23 ·17	20
24	Sun.	17	5 ·11	13 ·09	18	23	Tues.	16	4 ·43	17 ·98	17	25	Tues.	18	8 ·97	24 ·23	21
25	Mon.	18	6 ·14	14 ·13	19	24	Wed.	17	5 ·50	... ...	18	26	Wed.	19	9 ·96	25 ·27	22
26	Tues.	19	7 ·18	15 ·19	20	25	Thur.	18	6 ·58	18 ·08	19	27	Thur.	20	10 ·94	26 ·28	23
27	Wed.	20	8 ·24	16 ·27	21	26	Fri.	19	7 ·66	19 ·19	20	28	Fri.	21	11 ·90	27 ·28	24
28	Thur.	21	9 ·31	17 ·38	22	27	Sat.	20	8 ·75	20 ·30	21	29	Sat.	22	12 ·84	1 ·25	25
29	Fri.	22	10 ·40	18 ·48	23	28	Sun.	21	9 ·83	21 ·40	22	30	Sun.	23	13 ·76	2 ·22	26
1	Sat.	23	11 ·49	19 ·59	24	29	Mon.	22	10 ·89	22 ·48	23	31	Mon.	24	14 ·67	3 ·17	27
2	Sun.	24	12 ·57	20 ·69	25	30	Tues.	23	11 ·92	23 ·55	24	32	Tues.	25	A ·57	4 ·11	28
3	Mon.	25	13 ·64	21 ·79	26	1	Wed.	24	12 ·94	24 ·60	25					5 ·04	
4	Tues.	26	14 ·70	22 ·87	27	2	Thur.	25	13 ·93	25 ·63	26	1	Wed.	26	1 ·47	6 ·97	29
5	Wed.	27	A ·75	23 ·93	28	3	Fri.	26	14 ·91	26 ·64	27	2	Thur.	27	2 ·36	7 ·91	1
6	Thur.	28	1 ·77	24 ·97	29	4	Sat.	27	A ·87	27 ·62	28	3	Fri.	28	3 ·26	8 ·84	2
7	Fri.	29	2 ·77	25 ·98	1	5	Sun.	28	1 ·81	1 ·59	29	4	Sat.	29	4 ·16	9 ·79	3
8	Sat.	30	3 ·75	26 ·98	2	6	Mon.	29	2 ·74	2 ·55	1	5	Sun.	30	5 ·07	10 ·74	4
9	Sun.	31	4 ·72	27 ·97	3	7	Tues.	30	3 ·65	3 ·49	2				6 ·00		
						8	Wed.	31	4 ·56	4 ·44	3	6	Mon.	31	7 ·94	11 ·70	5
	Feb.						**April.**						**June.**				
10	Mon.	1	5 ·66	1 ·93	4	9	Thur.	1	5 ·46	5 ·37	4	7	Tues.	1	8 ·89	12 ·69	6
11	Tues.	2	6 ·58	2 ·88	5	10	Fri.	2	6 ·36	6 ·30	5	8	Wed.	2	9 ·86	13 ·69	7
12	Wed.	3	7 ·50	3 ·82	6	11	Sat.	3	7 ·26	7 ·23	6	9	Thur.	3	10 ·85	14 ·71	8
13	Thur.	4	8 ·41	4 ·75	7	12	Sun.	4	8 ·16	8 ·16	7	10	Fri.	4	11 ·86	15 ·75	9
14	Fri.	5	9 ·31	5 ·69	8	13	Mon.	5	9 ·07	9 ·12	8	11	Sat.	5	12 ·90	16 ·80	10
15	Sat.	6	10 ·21	6 ·62	9				10 ·99			12	Sun.	6	13 ·96	17 ·88	11
16	Sun.	7	11 ·12	7 ·55	10	14	Tues.	6	11 ·93	10 ·07	9	13	Mon.	7	... ...	18 ·99	12
17	Mon.	8	12 ·02	8 ·49	11	15	Wed.	7	12 ·89	11 ·04	10	14	Tues.	8	14 ·03	... ...	13
			13 ·93			16	Thur.	8	13 ·87	12 ·03	11	15	Wed.	9	P ·11	19 ·09	14
18	Tues.	9	14 ·86	9 ·44	12	17	Fri.	9	14 ·86	13 ·04	12	16	Thur.	10	1 ·19	20 ·20	15
19	Wed. ○	10	P ·80	10 ·41	13	18	Sat.	10	P ·87	14 ·08	13	17	Fri.	11	2 ·26	21 ·30	16
20	Thur.	11	1 ·77	11 ·39	14	19	Sun.	11	1 ·91	15 ·13	14	18	Sat.	12	3 ·33	22 ·39	17
21	Fri.	12	2 ·74	12 ·39	15	20	Mon.	12	2 ·96	16 ·19	15	19	Sun.	13	4 ·39	23 ·48	18
22	Sat.	13	3 ·74	13 ·40	16	21	Tues.	13	... ...	17 ·28	16	20	Mon.	14	5 ·43	24 ·54	19
23	Sun.	14	4 ·75	14 ·44	17	22	Wed.	14	3 ·04	18 ·38	17	21	Tues.	15	6 ·44	25 ·58	20
24	Mon.	15	5 ·79	15 ·50	18	23	Thur.	15	4 ·12	19 ·49	18	22	Wed.	16	7 ·44	26 ·60	21
25	Tues.	16	6 ·85	16 ·59	19	24	Fri.	16	5 ·21	20 ·60	19	23	Thur.	17	8 ·42	27 ·60	22
26	Wed.	17	7 ·92	17 ·68	20	25	Sat.	17	6 ·29	21 ·70	20	24	Fri.	18	9 ·37	1 ·59	23
27	Thur.	18	... ...	18 ·78	21	26	Sun.	18	7 ·36	22 ·79	21	25	Sat.	19	10 ·31	2 ·56	24
28	Fri.	19	8 ·00	19 ·89	22	27	Mon.	19	8 ·42	23 ·86	22	26	Sun.	20	11 ·23	3 ·51	25
29	Sat.	20	9 ·09	20 ·99	23	28	Tues.	20	9 ·45	24 ·91	23	27	Mon.	21	12 ·14	4 ·45	26
30	Sun.	21	10 ·18	... ...	24	29	Wed.	21	10 ·47	25 ·95	24				13 ·04		
1	Mon.	22	11 ·25	21 ·10	25	30	Thur.	22	11 ·46	26 ·96	25	28	Tues.	22	14 ·94	5 ·38	27
2	Tues.	23	12 ·31	22 ·18	26	31	Fri.	23	12 ·44	27 ·95	26	29	Wed.	23	A ·84	6 ·32	28
3	Wed.	24	13 ·35	23 ·24	27	1	Sat.	24	13 ·40	1 ·92	27	30	Thur.	24	1 ·74	7 ·25	29
4	Thur.	25	14 ·37	24 ·28	28	2	Sun.	25	14 ·34	2 ·88	28	31	Fri.	25	2 ·64	8 ·18	30
5	Fri.	26	A ·37	25 ·30	29	3	Mon.	26	A ·26	3 ·84	29	1	Sat.	26	3 ·55	9 ·12	1
6	Sat.	27	1 ·35	26 ·31	30	4	Tues.	27	1 ·17	4 ·77	30	2	Sun.	27	4 ·48	10 ·07	2
7	Sun.	28	2 ·31	27 ·29	1	5	Wed.	28	2 ·08	5 ·70	1	3	Mon.	28	5 ·41	11 ·04	3
									3 ·98			4	Tues.	29	6 ·37	12 ·01	4
						6	Thur.	29	4 ·87	6 ·63	2	5	Wed.	30	7 ·34	13 ·01	5
						7	Fri.	30	5 ·77	7 ·56	3						

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśresh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1115. **Kollam 291,** { **N. Malabar—Aug.** **Hijra 509.** **Vikrama 1172.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 27.** **Bengal San. 521.**
P—Paurnimā. **(N. Cycle) Vilamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Thur.	1	8 ·33	14 ·02	6	5	Wed.	1	11 ·78	21 ·21	9	6	Mon.	1	12 ·14	27 ·22	11
7	Fri.	2	9 ·34	15 ·06	7	6	Thur.	2	12 ·84	22 ·31	10	7	Tues.	2	13 ·12	1 ·22	12
8	Sat.	3	10 ·38	16 ·11	8	7	Fri.	3	13 ·90	23 ·40	11	8	Wed.	3	14 ·08	2 ·22	13
9	Sun.	4	11 ·44	17 ·20	9	8	Sat.	4	14 ·94	24 ·47	12	9	Thur.	4	P ·02	3 ·18	14
10	Mon.	5	12 ·51	18 ·29	10	9	Sun.	5	P ·96	25 ·53	13				1 ·95		
11	Tues.	6	13 ·59	19 ·39	11	10	Mon.	6	1 ·95	26 ·57	14	10	Fri.	5	2 ·87	4 ·14	15
12	Wed.	7	14 ·67	20 ·49	12	11	Tues.	7	2 ·93	27 ·58	15	11	Sat.	6	3 ·78	5 ·08	16
13	Thur.	8	P ·75	21 ·60	13	12	Wed.	8	3 ·89	1 ·57	16	12	Sun.	7	4 ·68	6 ·01	17
14	Fri.	9	1 ·82	22 ·71	14	13	Thur.	9	4 ·83	2 ·55	17					7 ·95	
15	Sat.	10	2 ·88	23 ·79	15	14	Fri.	10	5 ·76	3 ·51	18	13	Mon.	8	5 ·58	8 ·88	18
16	Sun.	11	3 ·92	24 ·85	16	15	Sat.	11	6 ·67	4 ·47	19	14	Tues.	9	6 ·48	9 ·81	19
17	Mon.	12	4 ·92	25 ·90	17	16	Sun.	12	7 ·58	5 ·40	20	15	Wed.	10	7 ·39	10 ·75	20
18	Tues.	13	5 ·92	26 ·92	18	17	Mon.	13	8 ·48	6 ·34	21	16	Thur.	11	8 ·31	11 ·70	21
19	Wed.	14	6 ·90	27 ·94	19	18	Tues.	14	9 ·38	7 ·27	22	17	Fri.	12	9 ·24	12 ·67	22
20	Thur.	15	7 ·85	1 ·92	20	19	Wed.	15	10 ·28	8 ·20	23	18	Sat.	13	10 ·18	13 ·64	23
21	Fri.	16	8 ·79	2 ·89	21	20	Thur.	16	11 ·19	9 ·74	24	19	Sun.	14	11 ·14	14 ·63	24
22	Sat.	17	9 ·72	3 ·84	22	21	Fri.	17	12 ·10	10 ·08	25	20	Mon.	15	12 ·12	15 ·64	25
23	Sun.	18	10 ·63	4 ·78	23				13 ·02			21	Tues.	16	13 ·12	16 ·67	26
24	Mon.	19	11 ·53	5 ·73	24	22	Sat.	18	14 ·96	11 ·03	26	22	Wed.	17	14 ·14	17 ·72	27
25	Tues.	20	12 ·42	6 ·66	25					12 ·00		23	Thur.	18	A ·18	18 ·81	28
26	Wed.	21	13 ·32	7 ·59	26	23	Sun.	19	A ·92	13 ·98	27	24	Fri.	19	1 ·24	19 ·89	—29
27	Thur.	22	14 ·22	8 ·52	27	24	Mon.	20	1 ·90	14 ·99	28	25	Sat.	20	2 ·31	20 ·99	1
28	Fri. ●	23	A ·12	9 ·46	28	25	Tues.	21	2 ·89	... ...	—29	26	Sun.	21	3 ·40	... ...	2
			1 ·04			26	Wed.	22	3 ·92	15 ·01	1	27	Mon.	22	4 ·49	21 ·10	3
29	Sat.	24	2 ·96	10 ·40	—29	27	Thur.	23	4 ·96	16 ·05	2	28	Tues.	23	5 ·58	22 ·21	4
30	Sun.	25	3 ·90	11 ·37	1	28	Fri.	24	... ...	17 ·11	3	29	Wed.	24	6 ·65	23 ·31	5
31	Mon.	26	4 ·86	12 ·34	2	29	Sat.	25	5 ·01	18 ·19	4	30	Thur.	25	7 ·71	24 ·40	6
32	Tues.	27	5 ·82	13 ·33	3	30	Sun.	26	6 ·09	19 ·29	5	1	Fri.	26	8 ·76	25 ·47	7
1	Wed.	28	6 ·82	14 ·34	4	1	Mon.	27	7 ·17	20 ·40	6	2	Sat.	27	9 ·77	26 ·51	8
2	Thur.	29	7 ·83	15 ·37	5	2	Tues.	28	8 ·26	21 ·50	7	3	Sun.	28	10 ·78	27 ·54	9
3	Fri.	30	8 ·88	16 ·43	6	3	Wed.	29	9 ·34	22 ·61	8	4	Mon.	29	11 ·76	1 ·56	10
4	Sat.	31	9 ·93	17 ·50	7	4	Thur.	30	10 ·42	23 ·70	9	5	Tues.	30	12 ·72	2 ·55	11
	Aug.						**Oct.**						**Dec.**				
5	Sun.	1	... ...	18 ·59	8	5	Fri.	1	11 ·48	24 ·78	10	6	Wed.	1	13 ·66	3 ·52	12
6	Mon.	2	10 ·00	19 ·69	9	6	Sat.	2	12 ·52	25 ·85	11	7	Thur.	2	14 ·59	4 ·47	13
7	Tues.	3	11 ·08	20 ·79	10	7	Sun.	3	13 ·53	26 ·88	12	8	Fri.	3	P ·50	5 ·42	14
8	Wed.	4	12 ·16	21 ·91	11	8	Mon.	4	14 ·52	27 ·90	13	9	Sat.	4	1 ·41	6 ·36	15
9	Thur.	5	13 ·25	... ...	12	9	Tues.	5	P ·51	1 ·90	14	10	Sun.	5	2 ·32	7 ·29	16
10	Fri.	6	14 ·32	22 ·01	13	10	Wed.	6	1 ·47	2 ·88	15	11	Mon.	6	3 ·22	8 ·22	17
11	Sat. ○	7	P ·37	23 ·09	14	11	Thur.	7	2 ·41	3 ·85	16	12	Tues.	7	4 ·12	9 ·15	18
12	Sun.	8	1 ·41	24 ·16	15	12	Fri.	8	3 ·34	4 ·80	17	13	Wed.	8	5 ·03	10 ·09	19
13	Mon.	9	2 ·43	25 ·21	16	13	Sat.	9	4 ·26	5 ·74	18				6 ·95		
14	Tues.	10	3 ·42	26 ·25	17	14	Sun.	10	5 ·16	6 ·68	19	14	Thur.	9	7 ·88	11 ·04	20
15	Wed.	11	4 ·40	27 ·26	18	15	Mon.	11	6 ·06	7 ·60	20	15	Fri.	10	8 ·82	12 ·00	21
16	Thur.	12	5 ·36	1 ·25	19				7 ·96							13 ·97	
17	Fri.	13	6 ·29	2 ·22	20	16	Tues.	12	8 ·86	8 ·54	21	16	Sat.	11	9 ·78	14 ·95	22
18	Sat.	14	7 ·22	3 ·18	21	17	Wed.	13	9 ·77	9 ·48	22	17	Sun.	12	10 ·76	15 ·96	23
19	Sun.	15	8 ·13	4 ·12	22	18	Thur.	14	10 ·69	10 ·42	23	18	Mon.	13	11 ·77	16 ·99	24
			9 ·04			19	Fri.	15	11 ·62	11 ·36	24	19	Tues.	14	12 ·79	... ...	25
20	Mon.	16	10 ·94	5 ·07	23	20	Sat.	16	12 ·55	12 ·33	25	20	Wed.	15	13 ·83	17 ·04	26
				6 ·00		21	Sun.	17	13 ·50	13 ·31	26	21	Thur.	16	14 ·88	18 ·11	27
21	Tues.	17	11 ·84	7 ·93	24	22	Mon.	18	14 ·49	14 ·31	27	22	Fri.	17	A ·96	19 ·19	28
22	Wed.	18	12 ·74	8 ·86	25	23	Tues.	19	A ·49	15 ·32	28	23	Sat.	18	... ...	20 ·29	29
23	Thur.	19	13 ·64	9 ·79	26	24	Wed.	20	1 ·51	16 ·36	29	24	Sun.	19	1 ·05	21 ·40	—30
24	Fri.	20	14 ·55	10 ·75	27	25	Thur.	21	2 ·55	17 ·42	—30	25	Mon.	20	2 ·14	22 ·51	1
25	Sat.	21	A ·47	11 ·70	28	26	Fri.	22	3 ·61	18 ·50	1	26	Tues.	21	3 ·23	23 ·61	2
26	Sun.	22	1 ·41	12 ·67	29	27	Sat.	23	4 ·68	19 ·59	2	27	Wed.	22	4 ·30	24 ·70	3
27	Mon.	23	2 ·37	13 ·65	—30	28	Sun.	24	5 ·77	20 ·70	3	28	Thur.	23	5 ·36	25 ·77	4
28	Tues.	24	3 ·35	14 ·66	1	29	Mon.	25	6 ·86	21 ·80	4	29	Fri.	24	6 ·41	26 ·83	5
29	Wed.	25	4 ·34	15 ·69	2	30	Tues.	26	7 ·94	22 ·91	5	1	Sat.	25	7 ·43	27 ·87	6
30	Thur.	26	5 ·35	16 ·74	3	1	Wed.	27	... ...	... ...	6	2	Sun.	26	8 ·42	1 ·88	7
31	Fri.	27	6 ·39	17 ·80	4	2	Thur.	28	8 ·02	23 ·00	7	3	Mon.	27	9 ·40	2 ·87	8
1	Sat.	28	7 ·45	18 ·89	5	3	Fri.	29	9 ·08	24 ·09	8	4	Tues.	28	10 ·37	3 ·85	9
2	Sun.	29	8 ·53	19 ·98	6	4	Sat.	30	10 ·13	25 ·16	9	5	Wed.	29	11 ·30	4 ·80	10
3	Mon.	30	9 ·61	... ...	7	5	Sun.	31	11 ·14	26 ·20	10	6	Thur.	30	12 ·23	5 ·76	11
4	Tues.	31	10 ·70	20 ·10	8							7	Fri.	31	13 ·15	6 ·70	12

Manmatha. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvana.** *Bahula.* **Śimha—Āvani.** *Manmatha.* *H. 509 Śafar.* *H. 509 Rabī-ul awwal.* *Manmatha.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Tulā—Aippaśi.** *Manmatha.* *H. 509 Rabī-ul ākhir.* *H. 509 Jamāda'l awwal.* *Manmatha.* **Vriśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* **Pausha.** *Manmatha.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Sukla.* **Pausha.** *H. 509 Jamāda'l ākhir.* *H. 509 Rajab.* *H. 509 Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1116. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·75.** **Śaka 1038.** **Kaliyuga 4217.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·70.** **(S. Cycle) Durmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Sat.	1	14 ·06 / P ·96	7 ·63	13	9	Wed.	1	**Phālguna.** 1 ·74	13 ·95	14	8	Mon.	1	3 ·75	19 ·72	16
9	Sun.	2	1 ·87	8 ·56	14	10	Thur.	2	2 ·69	14 ·94	15	9	Tues.	2	4 ·80	20 ·80	17
10	Mon.	3	2 ·77	9 ·49	15	11	Fri.	3	3 ·65	15 ·93	16	10	Wed.	3	5 ·87	21 ·90	18
11	Tues.	4	3 ·67	10 ·42	16	12	Sat.	4	4 ·63	16 ·94	17	11	Thur.	4	6 ·95	... ...	19
12	Wed.	5	4 ·59	11 ·38	17	13	Sun.	5	5 ·62	17 ·97	18	12	Fri.	5	... ...	22 ·01	20
13	Thur.	6	5 ·52	12 ·33	18	14	Mon.	6	6 ·65	... ...	19	13	Sat.	6	7 ·04	23 ·12	21
14	Fri.	7	6 ·47	13 ·29	19	15	Tues.	7	7 ·68	18 ·03	20	14	Sun.	7	8 ·12	24 ·22	22
15	Sat.	8	7 ·42	14 ·28	20	16	Wed.	8	8 ·74	19 ·11	21	15	Mon.	8	9 ·18	25 ·31	23
16	Sun.	9	8 ·40	15 ·28	21	17	Thur.	9	9 ·81	20 ·20	22	16	Tues.	9	10 ·24	26 ·39	24
17	Mon.	10	9 ·41	16 ·31	22	18	Fri.	10	10 ·89	21 ·30	23	17	Wed.	10	11 ·28	27 ·44	25
18	Tues.	11	10 ·42	17 ·35	23	19	Sat.	11	11 ·98	22 ·41	24	18	Thur.	11	12 ·29	1 ·49	26
19	Wed.	12	11 ·47	18 ·41	24	20	Sun.	12	... ...	23 ·51	25	19	Fri.	12	13 ·28	2 ·50	27
20	Thur.	13	12 ·53	19 ·50	25	21	Mon.	13	12 ·06	24 ·61	26	20	Sat.	13	14 ·25	3 ·50	28
21	Fri.	14	13 ·61	20 ·59	26	22	Tues.	14	13 ·14	25 ·70	27	21	Sun.	14	A ·21	4 ·47	29
22	Sat.	15	14 ·69	21 ·71	27	23	Wed.	15	14 ·19	26 ·77	28	22	Mon.	15	1 ·14	5 ·43	−30
23	Sun.	16	A ·78	22 ·81	28	24	Thur.	16	A ·23	27 ·32	−29	23	Tues.	16	2 ·07 / 3 ·98	6 ·39	1
24	Mon.	17	1 ·86	23 ·91	−29	25	Fri.	17	1 ·25	1 ·84	1						
25	Tues.	18	2 ·94	... ...	1	26	Sat.	18	2 ·25	2 ·85	2	24	Wed.	17	4 ·89	7 ·33	2
26	Wed.	19	... ...	24 ·01	2	27	Sun.	19	3 ·22	3 ·84	3	25	Thur.	18	5 ·78	8 ·26	3
27	Thur.	20	3 ·00	25 ·08	3	28	Mon.	20	4 ·18	4 ·81	4	26	Fri.	19	6 ·68	9 ·19	4
28	Fri.	21	4 ·04	26 ·15	4	29	Tues.	21	5 ·12	5 ·77	5	27	Sat.	20	7 ·58	10 ·12	5
29	Sat.	22	5 ·06	27 ·19	5				6 ·04			28	Sun.	21	8 ·48	11 ·06	6
−30	Sun.	23	6 ·06	1 ·20	6	30	Wed.	22	7 ·96	6 ·71	6					12 ·00	
1	Mon.	24	7 ·04	2 ·20	7	−31	Thur.	23	8 ·86	7 ·65	7	29	Mon.	22	9 ·39	13 ·96	7
2	Tues.	25	8 ·00 / 9 ·93	3 ·18	8	1	Fri.	24	9 ·76	8 ·59	8	30	Tues.	23	10 ·31	14 ·92	8
3	Wed.	26	10 ·86	4 ·15	9	2	Sat.	25	10 ·65	9 ·51	9	−31	Wed.	24	11 ·25	15 ·90	9
4	Thur.	27	11 ·78	5 ·10	10	3	Sun.	26	11 ·55	10 ·45	10	1	Thur.	25	12 ·20	16 ·91	10
5	Fri.	28	12 ·69	6 ·04 / 7 ·97	11	4	Mon.	27	12 ·46	11 ·38	11	2	Fri.	26	13 ·18	17 ·93	11
6	Sat.	29	13 ·59	8 ·90	12	5	Tues.	28	13 ·37	12 ·33	12	3	Sat.	27	14 ·18	18 ·97	12
7	Sun.	30	14 ·50	9 ·83	13	6	Wed.	29	14 ·30	13 ·29	13	4	Sun.	28	P ·19	... ...	13
8	Mon.	31	P ·40	10 ·77	14	7	Thur.	30	P ·24	14 ·26	14	5	Mon.	29	1 ·23	19 ·03	14
	Feb.					8	Fri.	31	1 ·20	15 ·25	15	6	Tues.	30	2 ·29	20 ·10	15
							April.					7	Wed.	31	3 ·36	21 ·21	16
													June.				
9	Tues.	1	1 ·31	11 ·71	15	9	Sat.	1	2 ·18	16 ·26	16	8	Thur.	1	4 ·44	22 ·31	17
10	Wed.	2	2 ·22	12 ·66	16	10	Sun.	2	3 ·17	17 ·29	17	9	Fri.	2	5 ·52	23 ·42	18
11	Thur.	3	3 ·14	13 ·64	17	11	Mon.	3	4 ·19	18 ·35	18	10	Sat.	3	6 ·60	24 ·52	19
12	Fri.	4	4 ·09	14 ·60	18	12	Tues.	4	5 ·22	19 ·41	19	11	Sun.	4	7 ·67	25 ·61	20
13	Sat.	5	5 ·05	15 ·61	19	13	Wed.	5	6 ·28	20 ·50	20	12	Mon.	5	8 ·73	26 ·69	21
14	Sun.	6	6 ·04	16 ·62	20	14	Thur.	6	7 ·35	21 ·60	21	13	Tues.	6	9 ·76	27 ·76	22
15	Mon.	7	7 ·03	17 ·66	21	15	Fri.	7	8 ·44	22 ·71	22	14	Wed.	7	10 ·77	1 ·80	23
16	Tues.	8	8 ·05	18 ·72	22	16	Sat.	8	9 ·53	23 ·81	23	15	Thur.	8	11 ·76	2 ·82	24
17	Wed.	9	9 ·09	19 ·80	23	17	Sun.	9	10 ·61	24 ·92	24	16	Fri.	9	12 ·74	3 ·82	25
18	Thur.	10	10 ·14	20 ·90	24	18	Mon.	10	11 ·68	... ...	25	17	Sat.	10	13 ·69	4 ·80	26
19	Fri.	11	11 ·22	... ...	25	19	Tues.	11	12 ·73	25 ·01	26	18	Sun.	11	14 ·62	5 ·78	27
20	Sat.	12	12 ·31	21 ·00	26	20	Wed.	12	13 ·77	26 ·08	27	19	Mon.	12	A ·55	6 ·73	28
21	Sun.	13	13 ·40	22 ·11	27	21	Thur.	13	14 ·78	27 ·13	28	20	Tues.	13	1 ·46	7 ·67	29
22	Mon.	14	14 ·48	23 ·21	28	22	Fri.	14	A ·78	1 ·16	29	21	Wed.	14	2 ·36	8 ·60	−30
23	Tues.	15	A ·56	24 ·31	29	23	Sat.	15	1 ·76	2 ·18	−30	22	Thur.	15	3 ·26	9 ·53	1
24	Wed.	16	1 ·61	25 ·40	−30	24	Sun.	16	2 ·72	3 ·17	1	23	Fri.	16	4 ·16	10 ·47	2
25	Thur.	17	2 ·65	26 ·46	1	25	Mon.	17	3 ·65	4 ·14	2				5 ·05		
26	Fri.	18	3 ·67	27 ·50	2	26	Tues.	18	4 ·57	5 ·10	3	24	Sat.	17	6 ·95	11 ·40	3
27	Sat.	19	4 ·67	1 ·52	3					6 ·05		25	Sun.	18	7 ·87	12 ·34	4
28	Sun.	20	5 ·65	2 ·52	4	27	Wed.	19	5 ·48	7 ·99	4	26	Mon.	19	8 ·79	13 ·29	5
−29	Mon.	21	6 ·61	3 ·50	5	28	Thur.	20	6 ·38	8 ·92	5	27	Tues.	20	9 ·73	14 ·25	6
1	Tues.	22	7 ·55	4 ·48	6	29	Fri.	21	7 ·29	9 ·85	6	28	Wed.	21	10 ·68	15 ·23	7
2	Wed.	23	8 ·47	5 ·43	7	30	Sat.	22	8 ·18	10 ·78	7	29	Thur.	22	11 ·66	16 ·23	8
3	Thur.	24	9 ·39	6 ·37	8				9 ·08			30	Fri.	23	12 ·65	17 ·24	9
4	Fri.	25	10 ·29	7 ·31	9	−31	Sun.	23	10 ·98	11 ·72	8	31	Sat.	24	13 ·67	18 ·28	10
5	Sat.	26	11 ·19	8 ·24	10	1	Mon.	24	11 ·89	12 ·67	9	−32	Sun.	25	14 ·71	19 ·33	11
6	Sun.	27	12 ·09 / 13 ·99	9 ·18	11	2	Tues.	25	12 ·82	13 ·62	10	1	Mon.	26	P ·76	20 ·41	12
7	Mon.	28	14 ·90	10 ·11	12	3	Wed.	26	13 ·76	14 ·59	11	2	Tues.	27	1 ·84	21 ·51	13
8	Tues.	29	P ·81	11 ·05 / 12 ·99	13	4	Thur.	27	14 ·72	15 ·57	12	3	Wed.	28	2 ·92	22 ·61	14
						5	Fri.	28	P ·69	16 ·58	13	4	Thur.	29	... ...	23 ·71	15
						6	Sat.	29	1 ·69	17 ·60	14	5	Fri.	30	3 ·00	24 ·82	16
						7	Sun.	30	2 ·71	18 ·66	15						

Mammatha. **Makara—Tai.** *Bahula.* *Pausha.* *Śu'bdn.* *H. 509 Śha'bān.*
Mammatha. **Kumbha—Māśi.** *Bahula.* *Māgha.* *H. 509 Ramazān.*
Mammatha. **Mīna—Pāṅguni.** *Sukla.* *Phāl.* *H. 509 Shawwal.*
Mammatha. **Mīna—Pāṅguni.** *Bahula.* *Phālguna.* *H. 509 Zi-l-ka'da.*
Durmukha. **Mēsha—Chittirai.** *Sukla.* *Chaitra.* *H. 509 Zi-l-ka'da.*
Durmukha. **Mēsha—Chittirai.** *Bahula.* *Chaitra.* *H. 509 Zi-l-hijja.*
Durmukha. **Vaiśākha.** *Sukla.* *Vaiśākha.* *H. 509 Zi-l-hijja.*
Durmukha. **Vṛishabha—Vaigāśi.** *Bahula.* *Vaiśākha.* *H. 509 Muharram.*
Durmukha. **Mithuna—Āni.** *Sukla.* *Jyeshtha.* *H. 510 Muharram.*
Durmukha. **Mithuna—Āni.** *Bahula.* *Jyeshtha.* *H. 510 Śafar.*
Durmukha. **Āshādha.** *Sukla.* *Āshādha.* *H. 510 Śafar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1116. **Kollam 292,** { **N. Malabar—Aug.** **Hijra 510.** **Vikrama 1173.**
A—Amāvāsyā. Commences { **S. Malabar— July.** Commences **May 16.** **Bengal San. 522.**
P—Paurnimā. **(N. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
6	Sat.	1	4 ·08	25 ·92	17	6	Fri.	1	7 ·20	5 ·77	20	6	Wed.	1	10 ·77	11 ·10	22
7	Sun.	2	5 ·15	... ...	18	7	Sat.		8 ·13	6 ·73	21				11 ·67	12 ·03	
8	Mon.	5	6 ·21	26 ·01	19	8	Sun.	3	9 ·05	7 ·68	22	7	Thur.	2		13 ·97	23
9	Tues.	4	7 ·24	27 ·07	20				10 ·97			8	Fri.	3	12 ·59	14 ·92	24
10	Wed.	5	8 ·25	1 ·12	21	9	Mon.	4	11 ·87	8 ·62	23	9	Sat.	4	13 ·52	15 ·88	25
11	Thur.	6	9 ·24	2 ·14	22	10	Tues.	5	12 ·77	9 ·56	24	10	Sun.	5	14 ·47	16 ·86	26
12	Fri.	7	10 ·22	3 ·15	23	11	Wed.	6	13 ·67	10 ·49	25	11	Mon.	6	—A ·43	17 ·85	27
13	Sat.	8	11 ·17	4 ·14	24	12	Thur.	7	14 ·57	11 ·41	26	12	Tues.	7	1 ·41	18 ·86	28
14	Sun.	9	12 ·11	5 ·11	25	13	Fri.	8	—A ·48	12 ·35	27	13	Wed.	8	2 ·40	19 ·89	—29
15	Mon.	10	13 ·03	6 ·06	26	14	Sat.	9	1 ·39	13 ·30	28	14	Thur.	9	3 ·43	20 ·94	1
			14 ·94			15	Sun.	10	2 ·32	14 ·25	29	15	Fri.	10	4 ·48	... ...	2
16	Tues.	11	—A ·84	7 ·00	27	16	Mon.	11	3 ·26	15 ·22	1	16	Sat.	11	5 ·53	21 ·02	3
				8 ·94		17	Tues.	12	4 ·22	16 ·20	2	17	Sun.	12	6 ·61	22 ·11	4
17	Wed.	12	1 ·74	9 ·88	28	18	Wed.	13	5 ·20	17 ·20	3	18	Mon.	13	7 ·70	23 ·21	5
18	Thur.	13	2 ·64	10 ·81	—29	19	Thur.	14	6 ·20	18 ·23	4	19	Tues.	14	8 ·79	24 ·32	6
19	Fri.	14	3 ·53	11 ·74	1	20	Fri.	15	7 ·22	19 ·27	5	20	Wed.	15	9 ·87	25 ·42	7
20	Sat.	15	4 ·44	12 ·68	2	21	Sat.	16	8 ·25	20 ·33	6	21	Thur.	16	10 ·94	26 ·52	8
21	Sun.	16	5 ·35	13 ·62	3	22	Sun.	17	9 ·32	21 ·41	7	22	Fri.	17	... ...	27 ·62	9
22	Mon.	17	6 ·27	14 ·58	4	23	Mon.	18	10 ·39	22 ·50	8	23	Sat.	18	11 ·00	1 ·69	10
23	Tues.	18	7 ·21	15 ·56	5	24	Tues.	19	11 ·48	23 ·62	9	24	Sun.	19	12 ·04	2 ·73	11
24	Wed.	19	8 ·17	16 ·55	6	25	Wed.	20	12 ·56	24 ·72	10	25	Mon.	20	13 ·06	3 ·76	12
25	Thur.	20	9 ·15	17 ·56	7	26	Thur.	21	13 ·65	25 ·83	11	26	Tues.	21	14 ·06	4 ·77	13
26	Fri.	21	10 ·14	18 ·59	8	27	Fri.	22	14 ·73	26 ·92	12	27	Wed.	22	P ·04	5 ·76	14
27	Sat.	22	11 ·16	19 ·64	9	28	Sat.	23	P ·79	... ...	13				1 ·99		
28	Sun.	23	12 ·19	20 ·74	10	29	Sun.	24	1 ·82	27 ·00	14	28	Thur.	23	2 ·94	6 ·74	15
29	Mon.	24	13 ·26	21 ·81	11	30	Mon.	25	2 ·83	1 ·07	15	—29	Fri.	24	3 ·87	7 ·69	16
30	Tues.	25	14 ·33	22 ·91	12	—31	Tues.	26	3 ·83	2 ·10	16	1	Sat.	25	4 ·78	8 ·64	17
—31	Wed.	26	P ·41	... ...	13	1	Wed.	27	4 ·80	3 ·12	17	2	Sun.	26	5 ·69	9 ·57	18
1	Thur.	27	1 ·49	23 ·01	14	2	Thur.	28	5 ·76	4 ·12	18	3	Mon.	27	6 ·59	10 ·51	19
2	Fri.	28	2 ·57	24 ·12	15	3	Fri.	29	6 ·70	5 ·10	19	4	Tues.	28	7 ·49	11 ·44	20
3	Sat.	29	3 ·64	25 ·23	16	4	Sat.	30	7 ·63	6 ·06	20	5	Wed.	29	8 ·40	12 ·37	21
4	Sun.	30	4 ·71	26 ·31	17							6	Thur.	30	9 ·32	13 ·31	22
5	Mon.	31	5 ·74	27 ·38	18												
		Aug.						**Oct.**						**Dec.**			
6	Tues.	1	6 ·74	1 ·43	19	5	Sun.	1	8 ·54	7 ·02	21	7	Fri.	1	10 ·23	14 ·25	23
7	Wed.	2	7 ·73	2 ·46	20					8 ·96		8	Sat.	2	11 ·15	15 ·22	24
8	Thur.	3	8 ·71	3 ·48	21	6	Mon.	2	9 ·44	9 ·89	22	9	Sun.	3	12 ·10	16 ·19	25
9	Fri.	4	9 ·67	4 ·47	22	7	Tues.	3	10 ·34	10 ·82	23	10	Mon.	4	13 ·06	17 ·17	26
10	Sat.	5	10 ·61	5 ·44	23	8	Wed.	4	11 ·25	11 ·75	24	11	Tues.	5	14 ·05	18 ·18	27
11	Sun.	6	11 ·53	6 ·40	24	9	Thur.	5	12 ·16	12 ·70	25	12	Wed.	6	—A ·04	19 ·21	28
12	Mon.	7	12 ·44	7 ·34	25	10	Fri.	6	13 ·06	13 ·63	26	13	Thur.	7	1 ·07	20 ·25	29
13	Tues.	8	13 ·34	8 ·29	26				14 ·98			14	Fri.	8	2 ·12	21 ·33	—30
14	Wed.	9	14 ·24	9 ·22	27	11	Sat.	7	—A ·90	14 ·58	27	15	Sat.	9	3 ·18	22 ·41	1
15	Thur.	10	—A ·14	10 ·15	28	12	Sun.	8	1 ·84	15 ·55	28	16	Sun.	10	4 ·26	23 ·51	2
16	Fri.	11	1 ·04	11 ·08	29	13	Mon.	9	2 ·80	16 ·52	29	17	Mon.	11	5 ·34	24 ·62	3
			2 ·94			14	Tues.	10	3 ·78	17 ·53	—30	18	Tues.	12	6 ·43	25 ·72	4
17	Sat.	12	3 ·86	12 ·01	—30	15	Wed.	11	4 ·79	18 ·54	1	19	Wed.	13	7 ·52	26 ·83	5
				13 ·96		16	Thur.	12	5 ·81	19 ·58	2	20	Thur.	14	8 ·60	27 ·92	6
18	Sun.	13	4 ·79	14 ·92	1	17	Fri.	13	6 ·85	20 ·64	3	21	Fri.	15	9 ·65	1 ·99	7
19	Mon.	14	5 ·72	15 ·89	2	18	Sat.	14	7 ·91	21 ·71	4	22	Sat.	16	10 ·69	... ...	8
20	Tues.	15	6 ·68	16 ·87	3	19	Sun.	15	8 ·99	22 ·81	5	23	Sun.	17	11 ·71	2 ·05	9
21	Wed.	16	7 ·66	17 ·88	4	20	Mon.	16	... ...	23 ·92	6	24	Mon.	18	12 ·70	3 ·08	10
22	Thur.	17	8 ·65	18 ·90	5	21	Tues.	17	9 ·08	... ..	7	25	Tues.	19	13 ·68	4 ·10	11
23	Fri.	18	9 ·67	19 ·96	6	22	Wed.	18	10 ·16	24 ·02	8	26	Wed.	20	14 ·64	5 ·09	12
24	Sat.	19	10 ·70	... ...	7	23	Thur.	19	11 ·25	25 ·13	9	27	Thur.	○21	P ·59	6 ·07	13
25	Sun.	20	11 ·76	20 ·02	8	24	Fri.	20	12 ·32	26 ·22	10					7 ·02	
26	Mon.	21	12 ·84	21 ·11	9	25	Sat.	21	13 ·38	27 ·30	11	28	Fri.	22	1 ·52	8 ·97	14
27	Tues.	22	13 ·93	22 ·21	10	26	Sun.	22	14 ·41	1 ·38	12	—29	Sat.	23	2 ·44	9 ·92	15
28	Wed.	23	... ...	23 ·31	11	27	Mon.	23	P ·44	2 ·42	13	1	Sun.	24	3 ·34	10 ·85	16
29	Thur.	24	14 ·01	24 ·43	12	28	Tues.	24	1 ·43	3 ·44	14	2	Mon.	25	4 ·24	11 ·78	17
30	Fri.	25	P ·09	25 ·53	13	29	Wed.	25	2 ·40	4 ·44	15	3	Tues.	26	5 ·14	12 ·71	18
—31	Sat.	26	1 ·16	26 ·62	14	—30	Thur.	26	3 ·36	5 ·43	16	4	Wed.	27	6 ·04	13 ·64	19
1	Sun.	27	2 ·22	27 ·69	15	1	Fri.	27	4 ·30	6 ·40	17				7 ·96		
2	Mon.	28	3 ·26	1 ·74	16	2	Sat.	28	5 ·23	7 ·36	18	5	Thur.	28	8 ·88	14 ·59	20
3	Tues.	29	4 ·27	2 ·79	17	3	Sun.	29	6 ·15	8 ·30	19	6	Fri.	29	9 ·81	15 ·55	21
4	Wed.	30	5 ·27	3 ·80	18	4	Mon.	30	7 ·06	9 ·23	20	7	Sat.	30	10 ·75	16 ·51	22
5	Thur.	31	6 ·24	4 ·79	19				8 ·96			8	Sun.	31	11 ·71	17 ·50	23
						5	Tues.	31	9 ·87	10 ·16	21						

Durmukha. **Karkataka—Adl.** *Bahula.* *Śukla.* **Śrāvana.** *Bahula.* **Siṁha—Āvani.** *Durmukha.* *Śukla.* **Bhādrapada.** *Bahula.* *Durmukha.* **Kanyā—Puratṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *Durmukha.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *Durmukha.* **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīraha.** *Bahula.* *Durmukha.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *Durmukha.* **Makara—Tai.**

H. 510 *Rabi-ul awwal.* *H.* 510 *Rabi-ul ākhir.* *H.* 510 *Jamāda'l awwal.* *H.* 510 *Jamāda'l ākhir.* *H.* 510 *Rajab.* *H.* 510 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1117. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·01.** **Śaka 1039.** **Kaliyuga 4218.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·96.** **(S. Cycle) Hemalamba.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Mon. 1	12 ·70	18 ·50	24	8	Thur. 1	*Bahula.*	22 ·32	24	8	Tues. 1	13 ·52	1 ·53	26
10	Tues. 2	13 ·69	19 ·52	25	9	Fri. 2	12 ·05	23 ·42	25	9	Wed. 2	14 ·57	2 ·61	27
11	Wed. 3	14 ·72	20 ·57	26	10	Sat. 3	13 ·12	24 ·52	26	10	Thur. 3	—**A** ·59	3 ·66	28
12	Thur. 4	—**A** ·76	21 ·64	27	11	Sun. 4	14 ·20	25 ·63	27	11	Fri. 4	1 ·61	4 ·70	—29
13	Fri. 5	1 ·82	22 ·72	28	12	Mon. 5	—**A** ·29	26 ·73	28	12	Sat. 5	2 ·60	5 ·72	1
14	Sat. 6	2 ·90	23 ·81	—29	13	Tues. 6	1 ·38	27 ·83	—29	13	Sun. 6	3 ·58	6 ·72	2
15	Sun. 7	3 ·99	24 ·92	1	14	Wed. 7	2 ·45	1 ·92	1	14	Mon. 7	4 ·53	7 ·69	3
16	Mon. 8	... ...	... ...	2	15	Thur. 8	3 ·51	2 ·99	2	15	Tues. 8	5 ·47	8 ·65	4
17	Tues. 9	4 ·07	25 ·03	3	16	Fri. 9	4 ·54	... ...	3	16	Wed. 9	6 ·39	9 ·60	5
18	Wed. 10	5 ·16	26 ·13	4	17	Sat. 10	5 ·56	3 ·04	4	17	Thur. 10	7 ·30	10 ·55	6
19	Thur. 11	6 ·24	27 ·23	5	18	Sun. 11	6 ·55	4 ·06	5	18	Fri. 11	8 ·20	11 ·48	7
20	Fri. 12	7 ·29	1 ·30	6	19	Mon. 12	7 ·52	5 ·07	6	19	Sat. 12	9 ·09	12 ·41	8
21	Sat. 13	8 ·33	2 ·36	7	20	Tues. 13	8 ·48	6 ·05	7			10 ·99		
22	Sun. 14	9 ·35	3 ·41	8	21	Wed. 14	9 ·42	7 ·03	8	20	Sun. 13	11 ·89	13 ·34	9
23	Mon. 15	10 ·35	4 ·42	9				8 ·99		21	Mon. 14	12 ·79	14 ·27	10
24	Tues. 16	11 ·32	5 ·42	10	22	Thur. 15	10 ·35	9 ·93	9	22	Tues. 15	13 ·71	15 ·22	11
25	Wed. 17	12 ·28	6 ·40	11	23	Fri. 16	11 ·26	10 ·86	10	23	Wed. 16	14 ·64	16 ·17	12
26	Thur. 18	13 ·23	7 ·36	12	24	Sat. 17	12 ·16	11 ·79	11	24	Thur. 17	**P** ·58	17 ·14	13
27	Fri. 19	14 ·15	8 ·32	13	25	Sun. 18	13 ·06	12 ·73	12	25	Fri. 18	1 ·53	18 ·12	14
28	Sat. 20	**P** ·07	9 ·26	14			14 ·96			26	Sat. 19	2 ·51	19 ·12	15
		1 ·97			26	Mon. 19	**P** ·86	13 ·66	13	27	Sun. 20	3 ·50	20 ·14	16
29	Sun. 21	2 ·88	10 ·19	15	27	Tues. 20	1 ·76	14 ·60	14	28	Mon. 21	4 ·53	21 ·19	17
—30	Mon. 22	3 ·78	11 ·12	16	28	Wed. 21	2 ·68	15 ·55	15	29	Tues. 22	5 ·56	22 ·25	18
1	Tues. 23	4 ·68	12 ·05	17	29	Thur. 22	3 ·61	16 ·50	16	30	Wed. 23	6 ·62	23 ·32	19
			13 ·98		—30	Fri. 23	4 ·55	17 ·48	17	—31	Thur. 24	7 ·69	24 ·42	20
2	Wed. 24	5 ·59	14 ·93	18	1	Sat. 24	5 ·50	18 ·47	18	1	Fri. 25	8 ·77	25 ·52	21
3	Thur. 25	6 ·51	15 ·88	19	2	Sun. 25	6 ·48	19 ·48	19	2	Sat. 26	9 ·86	26 ·64	22
4	Fri. 26	7 ·44	16 ·84	20	3	Mon. 26	7 ·48	20 ·51	20	3	Sun. 27	10 ·93	27 ·74	23
5	Sat. 27	8 ·38	17 ·82	21	4	Tues. 27	8 ·50	21 ·56	21	4	Mon. 28	... ...	1 ·83	24
6	Sun. 28	9 ·34	18 ·82	22	5	Wed. 28	9 ·55	22 ·64	22	5	Tues. 29	11 ·00	2 ·91	25
7	Mon. 29	10 ·32	19 ·84	23	6	Thur. 29	10 ·61	23 ·72	23	6	Wed. 30	12 ·05	3 ·97	26
8	Tues. 30	11 ·33	20 ·88	24	7	Fri. 30	11 ·68	24 ·82	24	7	Thur. 31	13 ·09	... ...	27
9	Wed. 31	12 ·35	21 ·94	25	8	Sat. 31	12 ·76	25 ·93	25					
	Feb.					**April.**					**June.**			
10	Thur. 1	13 ·39	... ...	26	9	Sun. 1	13 ·85	... ...	26	8	Fri. 1	14 ·10	4 ·02	28
11	Fri. 2	14 ·45	22 ·02	27	10	Mon. 2	14 ·93	26 ·03	27	9	Sat. 2	—**A** ·09	5 ·04	29
12	Sat. 3	—**A** ·52	23 ·11	28	11	Tues. 3	... ...	27 ·13	28	10	Sun. 3	1 ·06	6 ·04	—30
13	Sun. 4	1 ·61	24 ·22	29	12	Wed. 4	—**A** ·00	1 ·23	29	11	Mon. 4	2 ·01	7 ·02	1
14	Mon. 5	2 ·70	25 ·33	—30	13	Thur. 5	1 ·05	2 ·30	—30			3 ·95	8 ·99	
15	Tues. 6	3 ·79	26 ·43	1	14	Fri. 6	2 ·08	3 ·35	1	12	Tues. 5	4 ·87	9 ·95	2
16	Wed. 7	4 ·86	27 ·53	2	15	Sat. 7	3 ·10	4 ·38	2	13	Wed. 6	5 ·78	10 ·89	3
17	Thur. 8	5 ·91	1 ·61	3	16	Sun. 8	4 ·09	5 ·39	3	14	Thur. 7	6 ·68	11 ·82	4
18	Fri. 9	6 ·95	2 ·68	4	17	Mon. 9	5 ·07	6 ·39	4	15	Fri. 8	7 ·58	12 ·75	5
19	Sat. 10	7 ·96	3 ·72	5	18	Tues. 10	6 ·02	7 ·36	5	16	Sat. 9	8 ·47	13 ·68	6
20	Sun. 11	8 ·97	4 ·74	6			7 ·96			17	Sun. 10	9 ·36	14 ·62	7
21	Mon. 12	9 ·94	5 ·74	7	19	Wed. 11	8 ·89	8 ·32	6	18	Mon. 11	10 ·27	15 ·56	8
22	Tues. 13	10 ·90	6 ·72	8	20	Thur. 12	9 ·79	9 ·27	7	19	Tues. 12	11 ·18	16 ·51	9
23	Wed. 14	11 ·84	7 ·69	9	21	Fri. 13	10 ·69	10 ·20	8	20	Wed. 13	12 ·11	17 ·47	10
24	Thur. 15	12 ·77	8 ·65	10	22	Sat. 14	11 ·59	11 ·14	9	21	Thur. 14	13 ·05	18 ·44	11
25	Fri. 16	13 ·68	9 ·59	11	23	Sun. 15	12 ·50	12 ·07	10	22	Fri.○ 15	14 ·01	19 ·44	12
26	Sat. 17	14 ·58	10 ·53	12	24	Mon. 16	13 ·39	13 ·00	11			**P** ·99		
27	Sun. 18	**P** ·48	11 ·46	13				14 ·94		23	Sat. 16	1 ·97	20 ·46	13
28	Mon. 19	1 ·39	12 ·39	14	25	Tues. 17	14 ·30	15 ·88	12	24	Sun. 17	... ...	21 ·50	14
29	Tues. 20	2 ·29	13 ·33	15	26	Wed. 18	**P** ·21	16 ·84	13	25	Mon. 18	2 ·00	22 ·55	15
—30	Wed. 21	3 ·20	14 ·26	16	27	Thur. 19	1 ·13	17 ·81	14	26	Tues. 19	3 ·04	23 ·63	16
1	Thur. 22	4 ·12	15 ·21	17	28	Fri. 20	2 ·08	18 ·79	15	27	Wed. 20	4 ·10	24 ·72	17
2	Fri. 23	5 ·04	16 ·17	18	29	Sat. 21	3 ·04	19 ·80	16	28	Thur. 21	5 ·17	25 ·83	18
		6 ·98			30	Sun. 22	4 ·02	20 ·82	17	29	Fri. 22	6 ·26	26 ·94	19
3	Sat. 24	7 ·94	17 ·15	19	—31	Mon. 23	5 ·00	21 ·88	18	30	Sat. 23	7 ·34	... ...	20
4	Sun. 25	8 ·92	18 ·15	20	1	Tues. 24	6 ·03	22 ·94	19	31	Sun. 24	8 ·41	27 ·04	21
5	Mon. 26	9 ·92	19 ·16	21	2	Wed. 25	7 ·07	... ...	20	—32	Mon. 25	9 ·48	1 ·14	22
6	Tues. 27	10 ·94	20 ·19	22	3	Thur. 26	8 ·12	23 ·03	21	1	Tues. 26	10 ·53	2 ·22	23
7	Wed. 28	11 ·99	21 ·25	23	4	Fri. 27	9 ·20	24 ·12	22	2	Wed. 27	11 ·56	3 ·29	24
					5	Sat. 28	10 ·28	25 ·22	23	3	Thur. 28	12 ·57	4 ·34	25
					6	Sun. 29	11 ·37	26 ·33	24	4	Fri. 29	13 ·57	5 ·36	26
					7	Mon. 30	12 ·45	27 ·44	25	5	Sat. 30	14 ·54	6 ·37	27

Durmukha. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 510 *Ramazān.*

Durmukha. **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 510 *Shawwāl.*

Durmukha. **Mīna—Paṅguni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 510 *Zi-l-ka'da.*

Hemalamba. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 510 *Zi-l-hijja.*

Hemalamba. **Vṛishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 511 *Muharram.*

Hemalamba. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H.* 511 *Safar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1117. **Kollam 293,** (**N. Malabar—Aug.** **Hijra 511.** **Vikrama 1174.**
A—Amāvāsyā. Commences (**S. Malabar—July.** Commences **May 5.** **Bengal San. 523.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	—A ·49	7 ·35	28	6	Sat. 1	4 ·77	15 ·57	2	6	Thur. 1	6 ·69	21 ·08	4
7	Mon. 2	1 ·42	8 ·33	—29	7	Sun. 2	5 ·69	16 ·51	3	7	Fri. 2	7 ·72	22 ·11	5
8	Tues. 3	2 ·34	9 ·28	1	8	Mon. 3	6 ·62	17 ·47	4	8	Sat. 3	8 ·76	23 ·16	6
9	Wed. 4	3 ·25	10 ·22	2	9	Tues. 4	7 ·57	18 ·44	5	9	Sun. 4	9 ·83	24 ·24	7
10	Thur. 5	4 ·15	11 ·16	3	10	Wed. 5	8 ·53	19 ·42	6	10	Mon. 5	10 ·91	25 ·32	8
11	Fri. 6	5 ·06	12 ·09	4	11	Thur. 6	9 ·51	20 ·42	7	11	Tues. 6	... ...	26 ·43	9
		6 ·95			12	Fri. 7	10 ·50	21 ·44	8	12	Wed. 7	11 ·00	27 ·54	10
12	Sat. 7	7 ·85	13 ·02	5	13	Sat. 8	11 ·52	22 ·49	9	13	Thur. 8	12 ·09	1 ·65	11
			14 ·96		14	Sun. 9	12 ·57	23 ·55	10	14	Fri. 9	13 ·17	2 ·74	12
13	Sun. 8	8 ·75	15 ·90	6	15	Mon. 10	13 ·63	24 ·63	11	15	Sat. 10	14 ·24	3 ·83	13
14	Mon. 9	9 ·67	16 ·84	7	16	Tues. 11	14 ·71	25 ·72	12	16	Sun. 11	P ·29	4 ·91	14
15	Tues. 10	10 ·59	17 ·80	8	17	Wed. 12	P ·79	26 ·83	13	17	Mon. 12	1 ·33	5 ·95	15
16	Wed. 11	11 ·53	18 ·77	9	18	Thur. 13	1 ·88	27 ·94	14	18	Tues. 13	2 ·35	6 ·98	16
17	Thur. 12	12 ·49	19 ·77	10	19	Fri. 14	2 ·96	... ...	15	19	Wed. 14	3 ·35	7 ·99	17
18	Fri. 13	13 ·47	20 ·78	11	20	Sat. 15	... ...	1 ·05	16	20	Thur. 15	4 ·32	8 ·97	18
19	Sat. 14	14 ·46	21 ·81	12	21	Sun. 16	3 ·03	2 ·14	17	21	Fri. 16	5 ·28	9 ·95	19
20	Sun. 15	P ·48	22 ·86	13	22	Mon. 17	4 ·08	3 ·22	18	22	Sat. 17	6 ·21	10 ·91	20
21	Mon. 16	1 ·53	23 ·93	14	23	Tues. 18	5 ·11	4 ·28	19	23	Sun. 18	7 ·14	11 ·85	21
22	Tues. 17	2 ·59	... ...	15	24	Wed. 19	6 ·13	5 ·31	20	24	Mon. 19	8 ·06	12 ·79	22
23	Wed. 18	3 ·65	24 ·03	16	25	Thur. 20	7 ·12	6 ·34	21			9 ·97		
24	Thur. 19	4 ·73	25 ·18	17	26	Fri. 21	8 ·10	7 ·34	22	25	Tues. 20	10 ·88	13 ·72	23
25	Fri. 20	5 ·82	26 ·23	18	27	Sat. 22	9 ·05	8 ·32	23	26	Wed. 21	11 ·78	14 ·66	24
26	Sat. 21	6 ·91	27 ·34	19			10 ·00			27	Thur. 22	12 ·68	15 ·59	25
27	Sun. 22	7 ·97	1 ·44	20	28	Sun. 23	11 ·92	9 ·28	24	28	Fri. 23	13 ·58	16 ·53	26
28	Mon. 23	... ...	2 ·53	21	29	Mon. 24	12 ·83	10 ·23	25	29	Sat. 24	14 ·50	17 ·47	27
29	Tues. 24	8 ·02	3 ·60	22	30	Tues. 25	13 ·74	11 ·18	26	1	Sun. 25	—A ·44	18 ·43	28
30	Wed. 25	9 ·05	4 ·65	23	—31	Wed. 26	14 ·64	12 ·11	27	2	Mon. 26	1 ·38	19 ·40	29
—31	Thur. 26	10 ·06	5 ·68	24				13 ·04		3	Tues. 27	2 ·35	20 ·39	—30
1	Fri. 27	11 06	6 ·69	25	1	Thur. 27	—A ·54	14 ·97	28	4	Wed. 28	3 ·33	21 ·40	1
		12 ·02			2	Fri. 28	1 ·44	15 ·91	29	5	Thur. 29	4 ·33	22 ·43	2
2	Sat. 28	13 ·97	7 ·69	26	3	Sat. 29	2 ·35	16 ·85	—30	6	Fri. 30	5 ·36	23 ·47	3
3	Sun. 29	14 ·91	8 ·66	27	4	Sun. 30	3 ·27	17 ·80	1					
4	Mon. 30	—A ·84	9 ·62	28										
5	Tues. 31	1 ·75	10 ·56	29										
	Aug.					**Oct.**					**Dec.**			
6	Wed. 1	2 ·65	11 ·50	—30	5	Mon. 1	4 ·20	18 ·77	2	7	Sat. 1	6 ·40	24 ·54	4
7	Thur. 2	3 ·55	12 ·43	1	6	Tues. 2	5 ·14	19 ·74	3	8	Sun. 2	7 ·47	25 ·63	5
8	Fri. 3	4 ·44	13 ·37	2	7	Wed. 3	6 ·09	20 ·74	4	9	Mon. 3	8 ·55	26 ·73	6
9	Sat. 4	5 ·35	14 ·30	3	8	Thur. 4	7 ·08	21 ·76	5	10	Tues. 4	9 ·64	27 ·83	7
10	Sun. 5	6 ·25	15 ·23	4	9	Fri. 5	8 ·08	22 ·80	6	11	Wed. 5	10 ·73	1 ·94	8
11	Mon. 6	7 ·16	16 ·17	5	10	Sat. 6	9 ·11	23 ·86	7	12	Thur. 6	11 ·81	... ...	9
12	Tues. 7	8 ·09	17 ·13	6	11	Sun. 7	10 ·15	24 ·93	8	13	Fri. 7	12 ·88	2 ·05	10
		9 ·04			12	Mon. 8	11 ·22	... ...	9	14	Sat. 8	13 ·94	3 ·14	11
13	Wed. 8	10 ·99	18 ·11	7	13	Tues. 9	12 ·29	25 ·02	10	15	Sun. 9	14 ·98	4 ·22	12
14	Thur. 9	11 ·97	19 ·09	8	14	Wed. 10	13 ·37	26 ·13	11	16	Mon. ○10	P ·99	5 ·27	13
15	Fri. 10	12 ·97	20 ·10	9	15	Thur. 11	14 ·46	27 ·24	12	17	Tues. 11	1 ·99	6 ·30	14
16	Sat. 11	13 ·99	21 ·12	10	16	Fri. 12	P ·55	1 ·35	13	18	Wed. 12	2 ·96	7 ·31	15
17	Sun. 12	... ...	22 ·17	11	17	Sat. 13	1 ·62	2 ·44	14	19	Thur. 13	3 ·91	8 ·31	16
18	Mon. 13	14 ·03	23 ·25	12	18	Sun. 14	2 ·67	3 ·52	15	20	Fri. 14	4 ·85	9 ·29	17
19	Tues. 14	P ·09	24 ·33	13	19	Mon. 15	3 ·71	4 ·59	16	21	Sat. 15	5 ·78	10 ·24	18
20	Wed. 15	1 ·17	25 ·43	14	20	Tues. 16	4 ·72	5 ·64	17	22	Sun. 16	6 ·70	11 ·19	19
21	Thur. 16	2 ·25	26 ·53	15	21	Wed. 17	5 ·71	6 ·66	18	23	Mon. 17	7 ·61	12 ·13	20
22	Fri. 17	3 ·33	27 ·64	16	22	Thur. 18	6 ·70	7 ·66	19	24	Tues. 18	8 ·51	13 ·06	21
23	Sat. 18	4 ·42	1 ·75	17	23	Fri. 19	7 ·65	8 ·65	20	25	Wed. 19	9 ·41	14 ·00	22
24	Sun. 19	5 ·48	2 ·84	18	24	Sat. 20	8 ·59	9 ·61	21				15 ·93	
25	Mon. 20	6 ·53	3 ·91	19	25	Sun. 21	9 ·51	10 ·58	22	26	Thur. 20	10 ·32	16 ·86	23
26	Tues. 21	7 ·56	4 ·97	20	26	Mon. 22	10 ·43	11 ·52	23	27	Fri. 21	11 ·23	17 ·80	24
27	Wed. 22	8 ·58	... ...	21	27	Tues. 23	11 ·34	12 ·45	24	28	Sat. 22	12 ·15	18 ·76	25
28	Thur. 23	9 ·57	5 ·00	22	28	Wed. 24	12 ·24	13 ·38	25	29	Sun. 23	13 ·09	19 ·73	26
29	Fri. 24	10 ·55	6 ·01	23	29	Thur. 25	13 ·14	14 ·31	26			14 ·03		
30	Sat. 25	11 ·50	7 ·01	24	—30	Fri. 26	14 ·04	15 ·25	27	—30	Mon. 24	A ·99	20 ·72	27
			8 ·99				A ·95							
—31	Sun. 26	12 ·43	9 ·95	25	1	Sat. 27	1 ·87	16 ·19	28	1	Tues. 25	1 ·98	21 ·72	28
1	Mon. 27	13 ·36	10 ·90	26	2	Sun. 28	2 ·81	17 ·14	—29	2	Wed. 26	2 ·99	22 ·74	—29
2	Tues. 28	14 ·27	11 ·83	27	3	Mon. 29	3 ·75	18 ·09	1	3	Thur. 27	... ...	23 ·78	1
3	Wed. 29	—A ·18	12 ·78	28	4	Tues. 30	4 ·71	19 ·07	2	4	Fri. 28	3 ·00	24 ·86	2
4	Thur. 30	1 ·08	13 ·71	—29	5	Wed. 31	5 ·70	20 ·06	3	5	Sat. 29	4 ·05	25 ·94	3
		2 ·98								6	Sun. 30	5 ·12	... ...	4
5	Fri. 31	3 ·87	14 ·63	1						7	Mon. 31	6 ·20	26 ·03	5

Hemalamba. **Karkataka—Ādi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Siṁha—Āvaṇi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Kanyā—Puraṭṭāśi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Vṛśchika—Kārttigai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Hemalamba. **Makara—Tai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Bhādrapada. *Āśvina.* *Kārttika.* *Mārgaśīrsha.* *Pausha.*

Rabi-ul awwal. *Rabi-ul ākhir.* *Jamāda'l awwal.* *Jamāda'l ākhir.* *Rajab.* *Sha'bān.*

H. 511 *H.* 511 *H.* 511 *H.* 511

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1118. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·27.** **Śaka 1040.** **Kaliyuga 4219.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·22.** **(S. Cycle) Vilamba.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
8	Tues. 1	*Sukla.* 7 ·28	27 ·14	6
9	Wed. 2	8 ·37	1 ·24	7
10	Thur. 3	9 ·46	2 ·36	8
11	Fri. 4	10 ·53	3 ·45	9
12	Sat. 5	11 ·58	4 ·52	10
13	Sun. 6	12 ·63	5 ·58	11
14	Mon. 7	13 ·65	6 ·62	12
15	Tues. 8	14 ·63	7 ·64	13
16	Wed. 9	☽ ·61	8 ·64	14
17	Thur. 10	1 ·57	9 ·62	15
18	Fri. 11	2 ·50	10 ·58	16
19	Sat. 12	3 ·43	11 ·53	17
20	Sun. 13	4 ·35	12 ·47	18
21	Mon. 14	5 ·26	13 ·41	19
22	Tues. 15	6 ·16	14 ·34	20
23	Wed. 16	7 ·06	15 ·27	21
		8 ·97		
24	Thur. 17	9 ·87	16 ·20	22
25	Fri. 18	10 ·79	17 ·14	23
26	Sat. 19	11 ·72	18 ·10	24
27	Sun. 20	12 ·66	19 ·06	25
28	Mon. 21	13 ·63	20 ·04	26
29	Tues. 22	14 ·62	21 ·04	27
1	Wed. 23	♐ ·62	22 ·06	28
2	Thur. 24	1 ·63	23 ·10	29
3	Fri. 25	2 ·68	24 ·16	30
4	Sat. 26	3 ·75	25 ·24	1
5	Sun. 27	4 ·83	26 ·33	2
6	Mon. 28	5 ·91	27 ·43	3
7	Tues. 29	*Sukla.* ...	... 1 ·55	4
8	Wed. 30	6 ·00	2 ·65	5
9	Thur. 31	7 ·09	3 ·75	6
	Feb.			
10	Fri. 1	8 ·16	4 ·83	7
11	Sat. 2	9 ·22	5 ·89	8
12	Sun. 3	10 ·25	6 ·93	9
13	Mon. 4	11 ·27	7 ·96	10
14	Tues. 5	12 ·26	8 ·96	11
15	Wed. 6	13 ·24	9 ·94	12
16	Thur. 7	14 ·19	10 ·91	13
17	Fri. 8	☽ ·13	11 ·86	14
18	Sat. 9	1 ·05	12 ·81	15
		2 ·96		
19	Sun. 10	3 ·87	13 ·75	16
20	Mon. 11	4 ·77	14 ·68	17
21	Tues. 12	5 ·68	15 ·60	18
22	Wed. 13	6 ·58	16 ·54	19
23	Thur. 14	7 ·49	17 ·48	20
24	Fri. 15	8 ·40	18 ·43	21
25	Sat. 16	9 ·32	19 ·39	22
26	Sun. 7	10 ·27	20 ·37	23
27	Mon. 18	11 ·24	21 ·36	24
28	Tues. 19	12 ·23	22 ·38	25
29	Wed. 20	13 ·23	23 ·42	26
30	Thur. 21	14 ·25	24 ·47	27
1	Fri. 22	♐ ·29	25 ·54	28
2	Sat. 23	1 ·35	26 ·63	29
3	Sun. 24	*Sukla.* 2 ·43	27 ·74	1
4	Mon. 25	3 ·51	1 ·85	2
5	Tues. 26	4 ·60	2 ·95	3
6	Wed. 27	5 ·68	... ...	4
7	Thur. 28	6 ·76	3 ·05	5

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
8	Fri. 1	7 ·81	4 ·13	6
9	Sat. 2	8 ·85	5 ·20	7
10	Sun. 3	9 ·87	6 ·26	8
11	Mon. 4	10 ·85	7 ·28	9
12	Tues. 5	11 ·83	8 ·29	10
13	Wed. 6	12 ·89	9 ·27	11
14	Thur. 7	13 ·72	10 ·24	12
15	Fri. 8	14 ·64	11 ·21	13
16	Sat. 9	☽ ·56	12 ·15	14
17	Sun. 10	1 ·46	13 ·08	15
18	Mon. 11	2 ·36	14 ·01	16
			15 ·94	
19	Tues. 12	3 ·26	16 ·88	17
20	Wed. 13	4 ·16	17 ·82	18
21	Thur. 14	5 ·07	18 ·77	19
22	Fri. 15	6 ·98	19 ·72	20
23	Sat. 16	7 ·91	20 ·69	21
24	Sun. 17	8 ·85	21 ·69	22
25	Mon. 18	9 ·81	22 ·70	23
26	Tues. 19	10 ·80	23 ·73	24
27	Wed. 20	11 ·80	24 ·78	25
28	Thur. 21	12 ·82	25 ·85	26
29	Fri. 22	13 ·86	26 ·93	27
30	Sat. 23	14 ·93	... ...	28
1	Sun. 24	♐ ·00	27 ·04	29
2	Mon. 25	1 ·08	1 ·15	30
3	Tues. 26	2 ·16	2 ·25	1
4	Wed. 27	3 ·24	3 ·35	2
5	Thur. 28	4 ·32	4 ·44	3
6	Fri. 29	*Sukla.* 5 ·37	5 ·52	4
7	Sat. 30	6 ·41	6 ·57	5
8	Sun 31	7 ·42	7 ·60	6
	April.			
9	Mon. 1	8 ·41	8 ·61	7
10	Tues. 2	9 ·38	9 ·60	8
11	Wed. 3	10 ·33	10 ·58	9
12	Thur. 4	11 ·27	11 ·54	10
13	Fri. 5	12 ·19	12 ·49	11
14	Sat. 6	13 ·10	13 ·42	12
15	Sun. 7	14 ·00		13
		☽ ·90	14 ·35	
16	Mon. 8	1 ·80	15 ·29	14
17	Tues. 9	2 ·70	16 ·22	15
18	Wed. 10	3 ·61	17 ·16	16
19	Thur. 11	4 ·52	18 ·10	17
20	Fri. 12	5 ·45	19 ·05	18
21	Sat. 13	*Sukla.* 6 ·39	20 ·02	19
22	Sun. 14	7 ·35	21 ·01	20
23	Mon. 15	8 ·33	22 ·02	21
24	Tues. 16	9 ·34	23 ·04	22
25	Wed. 17	10 ·36	24 ·09	23
26	Thur. 18	11 ·39	25 ·15	24
27	Fri. 19	12 ·45	26 ·24	25
28	Sat. 20	13 ·52	27 ·34	26
29	Sun. 21	14 ·61	1 ·44	27
30	Mon. 22	♐ ·70	2 ·55	28
31	Tues. 23	1 ·78	3 ·65	29
1	Wed. 24	2 ·84	4 ·75	1
2	Thur. 25	3 ·89	5 ·83	2
3	Fri. 26	*Sukla.* 4 ·93	6 ·88	3
4	Sat. 27	5 ·94	7 ·92	4
5	Sun. 28	6 ·93	8 ·93	5
6	Mon. 29	7 ·89	9 ·94	6
7	Tues. 30	8 ·84	10 ·91	7

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
8	Wed. 1	9 ·78	11 ·87	8
9	Thur. 2	10 ·71	12 ·82	9
10	Fri. 3	11 ·62	13 ·76	10
11	Sat. 4	12 ·51	14 ·70	11
12	Sun. 5	13 ·41	15 ·63	12
13	Mon. 6	14 ·31	16 ·56	13
14	Tues. 7	☽ ·21	17 ·49	14
15	Wed. 8	1 ·11	18 ·43	15
16	Thur. 9	2 ·73	19 ·38	16
		☿ ·95		
17	Fri. 10	4 ·89	20 ·36	17
18	Sat. 11	5 ·85	21 ·34	18
19	Sun. 12	6 ·83	22 ·34	19
20	Mon. 13	7 ·84	23 ·36	20
21	Tues. 14	8 ·85	24 ·40	21
22	Wed. 15	9 ·90	25 ·47	22
23	Thur. 16	10 ·95	26 ·54	23
24	Fri. 17	... ...	27 ·64	24
25	Sat. 18	11 ·02	1 ·74	25
26	Sun. 19	12 ·10	2 ·85	26
27	Mon. 20	13 ·19	3 ·96	27
28	Tues. 21	14 ·27	... ...	28
29	Wed. ● 22	♐ ·34	4 ·06	29
30	Thur. 23	1 ·40	5 ·13	30
31	Fri. 24	2 ·43	6 ·19	1
32	Sat. 25	3 ·44	7 ·23	2
1	Sun. 26	4 ·42	8 ·26	3
2	Mon. 27	5 ·38	9 ·26	4
3	Tues. 28	6 ·34	10 ·24	5
4	Wed. 29	7 ·27	11 ·21	6
5	Thur. 30	8 ·19	12 ·16	7
6	Fri. 31	*Sukla.* 9 ·10	13 ·10	8
	June.			
7	Sat. 1	10 ·00	14 ·04	9
		11 ·90	15 ·97	
8	Sun. 2	12 ·79	16 ·90	10
9	Mon. 3	13 ·69	17 ·83	11
10	Tues. 4	14 ·60	18 ·77	12
11	Wed. ○ 5	☽ ·51	19 ·73	13
12	Thur. 6	1 ·43	20 ·69	14
13	Fri. 7	2 ·37	21 ·66	15
14	Sat. 8	3 ·33	22 ·66	16
15	Sun. 9	4 ·31	23 ·67	17
16	Mon. 10	5 ·32	24 ·72	18
17	Tues. 11	6 ·34	25 ·77	19
18	Wed. 12	*Sukla.* 7 ·38	26 ·85	20
19	Thur. 13	8 ·43	27 ·94	21
20	Fri. 14	9 ·51	... ...	22
21	Sat. 15	10 ·59	1 ·04	23
22	Sun. 16	11 ·68	2 ·16	24
23	Mon. 17	12 ·75	3 ·26	25
24	Tues. 18	13 ·81	4 ·36	26
25	Wed. 19	14 ·87	5 ·44	27
26	Thur. 20	♐ ·90	6 ·50	28
27	Fri. 21	1 ·91	7 ·56	29
28	Sat. 22	2 ·89	8 ·58	1
29	Sun. 23	3 ·86	9 ·59	2
30	Mon. 24	*Sukla.* 4 ·81	10 ·57	3
31	Tues. 25	5 ·74	11 ·54	4
1	Wed. 26	6 ·67	12 ·49	5
2	Thur. 27	7 ·58	13 ·44	6
3	Fri. 28	8 ·48	14 ·38	7
4	Sat. 29	9 ·38	15 ·31	8
5	Sun. 30	10 ·28	16 ·24	9

Hemalamba. **Makara—Tai.** *Bahula.* *Vilamba.* **Vrishabha—Vaigāśi.** *Sukla.* *Hemalamba.* **Kumbha—Māśi.** *Bahula.* *Vilamba.* **Mithuna—Āṇi.** *Sukla.* *Hemalamba.* **Mīna—Paṅguṇi.** *Bahula.* *Vilamba.* **Mēsha—Chittirai.** *Sukla.* *Vilamba.* **Vrishabha—Vaigāśi.** *Bahula.* *Vilamba.* **Mithuna—Āṇi.** *Sukla.* *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1118. **Kollam 294,** { **N. Malabar—Aug.** **Hijra 512.** **Vikrama 1175.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **April 24.** **Bengal San. 524.**
P—Paurnimā. **(N. Cycle) Plava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Mon. 1	11 ·17	17 ·17	10	5	Sun. 1	P ·84	25 ·70	13	6	Fri. 1	1 ·37	4 ·87	15
7	Tues. 2	12 ·08 / 13 ·99	18 ·11	11	6	Mon. 2	1 ·88	26 ·76	14	7	Sat. 2	2 ·46	5 ·97	16
8	Wed. 3	14 ·91	19 ·06	12	7	Tues. 3	2 ·95	27 ·85	15	8	Sun. 3	3 ·58	... ...	17
9	Thur. 4	P ·85	20 ·02 / 21 ·99	13	8	Wed. 4	... ...	1 ·95	16	9	Mon. 4	4 ·59	6 ·05	18
10	Fri. 5	1 ·81	22 ·98	14	9	Thur. 5	3 ·02	... ...	17	10	Tues. 5	5 ·62	7 ·12	19
11	Sat. 6	2 ·80	... ...	15	10	Fri. 6	4 ·11	2 ·05	18	11	Wed. 6	6 ·65	8 ·17	20
12	Sun. 7	3 ·80	23 ·00	16	11	Sat. 7	5 ·20	3 ·16	19	12	Thur. 7	7 ·63	9 ·20	21
13	Mon. 8	4 ·82	24 ·03	17	12	Sun. 8	6 ·28	4 ·26	20	13	Fri. 8	8 ·61	10 ·21	22
14	Tues. 9	5 ·86	25 ·08	18	13	Mon. 9	7 ·34	5 ·36	21	14	Sat. 9	9 ·56	11 ·19	23
15	Wed. 10	6 ·92	26 ·15	19	14	Tues. 10	8 ·39	6 ·44	22	15	Sun. 10	10 ·50	12 ·16	24
16	Thur. 11	7 ·99	27 ·24	20	15	Wed. 11	9 ·43	7 ·50	23	16	Mon. 11	11 ·43	13 ·12	25
17	Fri. 12	... ...	1 ·35	21	16	Thur. 12	10 ·44	8 ·54	24	17	Tues. 12	12 ·34	14 ·07	26
18	Sat. 13	8 ·07	2 ·45	22	17	Fri. 13	11 ·43	9 ·55	25	18	Wed. 13	13 ·24	15 ·01 / 16 ·94	27
19	Sun. 14	9 ·16	3 ·56	23	18	Sat. 14	12 ·40	10 ·56	26	19	Thur. 14	14 ·15	17 ·87	28
20	Mon. 15	10 ·23	4 ·66	24	19	Sun. 15	13 ·36	11 ·54	27	20	Fri. ● 15	A ·05 / 1 ·95	18 ·80	29
21	Tues. 16	11 ·30	5 ·74	25	20	Mon. 16	14 ·29	12 ·50	28	21	Sat. 16	2 ·86	19 ·75	—30
22	Wed. 17	12 ·35	6 ·81	26	21	Tues. 17	—A ·21	13 ·45	29	22	Sun. 17	3 ·78	20 ·69	1
23	Thur. 18	13 ·38	7 ·87	27	22	Wed. 18	1 ·12	14 ·39	—30	23	Mon. 18	4 ·71	21 ·65	2
24	Fri. 19	14 ·39	8 ·90	28	23	Thur. 19	2 ·02 / 3 ·93	15 ·33	1	24	Tues. 19	5 ·66	22 ·62	3
25	Sat. 20	—A ·37	9 ·91	29	24	Fri. 20	4 ·83	16 ·26	2	25	Wed. 20	6 ·63	23 ·60	4
26	Sun. 21	1 ·35	10 ·90	—30	25	Sat. 21	5 ·73	17 ·19	3	26	Thur. 21	7 ·62	24 ·62	5
27	Mon. 22	2 ·30	11 ·87	1	26	Sun. 22	6 ·64	18 ·12	4	27	Fri. 22	8 ·62	25 ·65	6
28	Tues. 23	3 ·23	12 ·83	2	27	Mon. 23	7 ·56	19 ·06	5	28	Sat. 23	9 ·64	26 ·69	7
29	Wed. 24	4 ·15	13 ·78	3	28	Tues. 24	8 ·49	20 ·01 / 21 ·98	6	29	Sun. 24	10 ·70	27 ·76	8
30	Thur. 25	5 ·06 / 6 ·96	14 ·72	4	29	Wed. 25	9 ·43	22 ·96	7	—30	Mon. 25	11 ·77	1 ·85	9
31	Fri. 26	7 ·85	15 ·65	5	—30	Thur. 26	10 ·40	23 ·96	8	1	Tues. 26	12 ·84	2 ·95	10
—32	Sat. 27	8 ·76	16 ·58	6	1	Fri. 27	11 ·38	24 ·97	9	2	Wed. 27	13 ·93	... ...	11
1	Sun. 28	9 ·66	17 ·52	7	2	Sat. 28	12 ·39	... ...	10	3	Thur. 28	... ...	3 ·06	12
2	Mon. 29	10 ·57	18 ·45	8	3	Sun. 29	13 ·41	25 ·01	11	4	Fri. 29	14 ·02	4 ·17	13
3	Tues. 30	11 ·48	19 ·39	9	4	Mon. 30	14 ·46	26 ·08	12	5	Sat. ○ 30	P ·10	5 ·27	14
4	Wed. 31	12 ·41	20 ·35	10										
	Aug.					**Oct.**					**Dec.**			
5	Thur. 1	13 ·35	21 ·32	11	5	Tues. 1	P ·52	27 ·15	13	6	Sun. 1	1 ·17	6 ·35	15
6	Fri. 2	14 ·30	22 ·31	12	6	Wed. 2	1 ·59	1 ·25	14	7	Mon. 2	2 ·23	7 ·43	16
7	Sat. 3	P ·29	23 ·32	13	7	Thur. 3	2 ·67	2 ·35	15	8	Tues. 3	3 ·26	8 ·49	17
8	Sun. 4	1 ·29	24 ·34	14	8	Fri. 4	3 ·76	3 ·45	16	9	Wed. 4	4 ·28	9 ·52	18
9	Mon. 5	2 ·32	25 ·39	15	9	Sat. 5	4 ·85	4 ·57	17	10	Thur. 5	5 ·26	10 ·53	19
10	Tues. 6	3 ·36	26 ·46	16	10	Sun. 6	5 ·92	5 ·66	18	11	Fri. 6	6 ·25	11 ·52	20
11	Wed. 7	4 ·41	27 ·55	17	11	Mon. 7	6 ·98	6 ·74	19	12	Sat. 7	7 ·20	12 ·50	21
12	Thur. 8	5 ·49	1 ·65	18	12	Tues. 8	... ...	7 ·81	20	13	Sun. 8	8 ·14	13 ·46	22
13	Fri. 9	6 ·57	2 ·75	19	13	Wed. 9	7 ·01	8 ·85	21	14	Mon. 9	9 ·06 / 10 ·97	14 ·41	23
14	Sat. 10	7 ·66	3 ·86	20	14	Thur. 10	8 ·02	9 ·88	22	15	Tues. 10	11 ·88	15 ·35	24
15	Sun. 11	8 ·74	4 ·96	21	15	Fri. 11	9 ·01 / 10 ·98	10 ·88	23	16	Wed. 11	12 ·79	16 ·28	25
16	Mon. 12	9 ·81	... ...	22						17	Thur. 12	13 ·69	17 ·21	—26
17	Tues. 13	10 ·86	5 ·05	23	16	Sat. 12	11 ·94	11 ·87	24	18	Fri. 13	14 ·59	18 ·15	27
18	Wed. 14	11 ·89	6 ·13	24	17	Sun. 13	12 ·88	12 ·83	25	19	Sat. 14	—A ·51	19 ·08	28
19	Thur. 15	12 ·90	7 ·19	25	18	Mon. 14	13 ·81	13 ·79	26	20	Sun. 15	1 ·43	20 ·02 / 21 ·98	—29
20	Fri. 16	13 ·89	8 ·22	26	19	Tues. 15	14 ·72	14 ·73	27	21	Mon. 16	2 ·36	22 ·94	1
21	Sat. 17	14 ·86	9 ·23	27	20	Wed. 16	—A ·62	15 ·67	28	22	Tues. 17	3 ·30	23 ·94	2
22	Sun. 18	—A ·81	10 ·22	28	21	Thur. 17	1 ·52	16 ·60	—29	23	Wed. 18	4 ·27	24 ·94	3
23	Mon. 19	1 ·75	11 ·21	—29	22	Fri. 18	2 ·42	17 ·53	1	24	Thur. 19	5 ·26	25 ·96	4
24	Tues. 20	2 ·67	12 ·17	1	23	Sat. 19	3 ·33	18 ·46	2	25	Fri. 20	6 ·26	... ...	5
25	Wed. 21	3 ·57	13 ·12	2	24	Sun. 20	4 ·24	19 ·40	3	26	Sat. 21	7 ·29	26 ·00	6
26	Thur. 22	4 ·47	14 ·05 / 15 ·98	3	25	Mon. 21	5 ·16	20 ·36	4	27	Sun. 22	8 ·34	27 ·07	7
27	Fri. 23	5 ·37	16 ·92	4	26	Tues. 22	6 ·08	21 ·31	5	28	Mon. 23	9 ·41	1 ·16	8
28	Sat. 24	6 ·27	17 ·85	5	27	Wed. 23	7 ·03	22 ·29	6	—29	Tues. 24	10 ·49	2 ·25	9
29	Sun. 25	7 ·17	18 ·79	6	28	Thur. 24	8 ·00 / 9 ·98	23 ·28	7	1	Wed. 25	11 ·57	3 ·36	10
30	Mon. 26	8 ·08	19 ·73	7	29	Fri. 25	10 ·99	24 ·29	8	2	Thur. 26	12 ·66	4 ·46	11
—31	Tues. 27	9 ·00 / 10 ·93	20 ·68	8	—30	Sat. 26	... ...	25 ·33	9	3	Fri. 27	13 ·75	5 ·57	12
1	Wed. 28	11 ·87	21 ·65	9	1	Sun. 27	11 ·01	26 ·38	10	4	Sat. 28	14 ·82	6 ·66	13
2	Thur. 29	12 ·84	22 ·64	10	2	Mon. 28	12 ·06	27 ·46	11	5	Sun. 29	P ·87	7 ·74	14
3	Fri. 30	13 ·82	23 64	11	3	Tues. 29	13 ·13	1 ·55	12	6	Mon. 30	1 ·91	8 ·80	15
4	Sat. 31	14 ·82	24 ·66	12	4	Wed. 30	14 ·21	2 ·65	13	7	Tues. 31	2 ·93	9 ·84	16
					5	Thur. 31	P ·29	3 ·76	14					

Vilamba. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhād.**

Vilamba. **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.**

Vilamba. **Tulā—Aippaśi.** *Sukla.* **Kārttika.**

Vilamba. **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.**

Vilamba. **Dhanus—Mārgaḷi.** *Bahula.* **Pausha.** *Sukla.* **Pausha.**

Vilamba. **Simha—Āvaṇi.** *Bahula.* **Śrāvaṇa.** *Sukla.* **Bhād.**

H. 512 Rabi-ul awwal. *H. 512 Jamāda'l awwal.* *H. 512 Rabi-ul ākhir.* *H. 512 Jamāda'l ākhir.* *H. 512 Rajab.* *H. 512 Sha'bān.* *H. 512 Ramazān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24 Śatab.

A.D. 1119. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·53. **Śaka 1041.** **Kaliyuga 4220.**
Lunar Eclipse. ○ (Arya Sid.) March 24·48. **(S. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Wed.	1	3 ·91	10 ·85	17	8	Sat.	1	2 ·01	14 ·42	17	8	Thur.	1	5 ·43	21 ·65	18
9	Thur.	2	4 ·89	11 ·85	18				3 ·93			9	Fri.	2	6 ·34	22 ·60	19
10	Fri.	3	5 ·85	12 ·83	19	9	Sun.	2	4 ·84	15 ·37	18	10	Sat.	3	7 ·27	23 ·57	20
11	Sat.	4	6 ·79	13 ·80	20	10	Mon.	3	5 ·75	16 ·30	19	11	Sun.	4	8 ·21	24 ·56	21
12	Sun.	5	7 ·71	14 ·75	21	11	Tues.	4	6 ·65	17 ·23	20	12	Mon.	5	9 ·17	25 ·56	22
13	Mon.	6	8 ·62	15 ·68	22	12	Wed.	5	7 ·55	18 ·16	21	13	Tues.	6	10 ·16	26 ·58	23
14	Tues.	7	9 ·53	16 ·62	23	13	Thur.	6	8 ·46	19 ·09	22	14	Wed.	7	11 ·16	27 ·62	24
15	Wed.	8	10 ·44	17 ·56	24	14	Fri.	7	9 ·36	20 ·03	23	15	Thur.	8	12 ·18	1 ·68	25
16	Thur.	9	11 ·33	18 ·49	25					21 ·98		16	Fri.	9	13 ·22	2 ·77	26
17	Fri.	10	12 ·24	19 ·42	26	15	Sat.	8	10 ·28	22 ·94	24	17	Sat.	10	14 ·28	3 ·86	27
18	Sat.	11	13 ·15	20 ·36	27	16	Sun.	9	11 ·21	23 ·91	25	18	Sun.●	11	—A ·36	4 ·96	28
19	Sun.	12	14 ·06	21 ·31	28	17	Mon.	10	12 ·16	24 ·90	26	19	Mon.	12	1 ·44	... ...	29
20	Mon.	13	A ·00	22 ·28	29	18	Tues.	11	13 ·12	25 ·91	27	20	Tues.	13	2 ·53	5 ·07	—30
			1 ·95			19	Wed.	12	14 ·10	26 ·95	28	21	Wed.	14	3 ·60	6 ·17	1
21	Tues.	14	2 ·92	23 ·26	—30	20	Thur.	13	—A ·11	... ...	29	22	Thur.	15	4 ·66	7 ·27	2
22	Wed.	15	3 ·90	24 ·26	1	21	Fri.	14	1 ·13	27 ·00	—30	23	Fri.	16	5 ·71	8 ·35	3
23	Thur.	16	4 ·90	25 ·28	2	22	Sat.	15	2 ·18	1 ·07	1	24	Sat.	17	6 ·75	9 ·41	4
24	Fri.	17	5 ·94	26 ·31	3	23	Sun.	16	3 ·24	2 ·15	2	25	Sun.	18	7 ·76	10 ·45	5
25	Sat.	18	6 ·99	27 ·37	4	24	Mon.	17	4 ·32	3 ·25	3	26	Mon.	19	8 ·74	11 ·47	6
26	Sun.	19	... ...	1 ·46	5	25	Tues.	18	5 ·40	4 ·37	4	27	Tues.	20	9 ·71	12 ·47	7
27	Mon.	20	7 ·05	2 ·55	6	26	Wed.	19	6 ·49	5 ·47	5	28	Wed.	21	10 ·66	13 ·46	8
28	Tues.	21	8 ·12	3 ·66	7	27	Thur.	20	7 ·57	6 ·57	6	29	Thur.	22	11 ·59	14 ·42	9
—29	Wed.	22	9 ·21	4 ·76	8	28	Fri.	21	8 ·63	7 ·66	7	30	Fri.	23	12 ·51	15 ·38	10
1	Thur.	23	10 ·30	5 ·87	9	29	Sat.	22	9 ·69	8 ·73	8	31	Sat.	24	13 ·42	16 ·32	11
2	Fri.	24	11 ·38	6 ·97	10	—30	Sun.	23	10 ·72	9 ·79	9	—32	Sun.	25	14 ·32	17 ·25	12
3	Sat.	25	12 ·45	... ...	11	1	Mon.	24	11 ·73	10 ·82	10	1	Mon.	26	P ·21	18 ·19	13
4	Sun.	26	13 ·50	7 ·05	12	2	Tues.	25	12 ·71	11 ·83	11	2	Tues.	27	1 ·11	19 ·12	14
5	Mon.	27	14 ·54	8 ·11	13	3	Wed.	26	13 ·68	12 ·82	12	3	Wed.	28	2 ·01	20 ·05	15
6	Tues.	28	P ·56	9 ·15	14	4	Thur.	27	14 ·64	13 ·79	13				3 ·91	21 ·99	
7	Wed.	29	1 ·55	10 ·17	15	5	Fri.	28	P ·57	14 ·75	14	4	Thur.	29	4 ·83	22 ·94	16
8	Thur.	30	2 ·52	11 ·18	16	6	Sat.	29	1 ·49	15 ·70	15	5	Fri.	30	5 ·76	23 ·91	17
9	Fri.	31	3 ·48	12 ·16	17	7	Sun.	30	2 ·40	16 ·64	16	6	Sat.	31	6 ·70	24 ·88	18
						8	Mon.	31	3 ·31	17 ·57	17						
	Feb.						**April.**						**June.**				
10	Sat.	1	4 ·42	13 ·13	18	9	Tues	1	4 ·21	18 ·50	18	7	Sun.	1	7 ·66	25 ·88	19
11	Sun.	2	5 ·54	14 ·08	19	10	Wed.	2	5 ·11	19 ·43	19	8	Mon.	2	8 ·64	26 ·89	20
12	Mon.	3	6 ·25	15 ·02	20	11	Thur.	3	6 ·01	20 ·38	20	9	Tues.	3	9 ·64	27 ·93	21
				16 ·97					7 ·91			10	Wed.	4	10 ·66	1 ·99	22
13	Tues.	4	7 ·15	17 ·89	21	12	Fri.	4	8 ·83	21 ·32	21	11	Thur.	5	11 ·70	... ...	23
14	Wed.	5	8 ·05	18 ·82	22	13	Sat.	5	9 ·75	22 ·27	22	12	Fri.	6	12 ·76	2 ·07	24
			9 ·95			14	Sun.	6	10 ·70	23 ·24	23	13	Sat.	7	13 ·84	3 ·16	25
15	Thur.	6	10 ·86	19 ·76	23	15	Mon.	7	11 ·66	24 ·22	24	14	Sun.	8	14 ·93	4 ·26	26
16	Fri.	7	11 ·77	20 ·69	24	16	Tues.	8	12 ·65	25 ·24	25	15	Mon.	9	... ...	5 ·37	27
17	Sat.	8	12 ·69	21 ·64	25	17	Wed.	9	13 ·65	26 ·26	26	16	Tues.	10	—A ·01	6 ·47	28
18	Sun.	9	13 ·62	22 ·61	26	18	Thur.	10	14 ·67	27 ·31	27	17	Wed.	11	1 ·08	7 ·58	—29
19	Mon.	10	14 ·56	23 ·59	27	19	Fri.	11	—A ·72	1 ·37	28	18	Thur.	12	2 ·14	8 ·66	1
20	Tues.	11	—A ·53	24 ·58	28	20	Sat.	12	1 ·78	2 ·45	29	19	Fri.	13	3 ·19	9 ·72	2
21	Wed.	12	1 ·52	25 ·59	—29	21	Sun.	13	2 ·85	3 ·56	—30	20	Sat.	14	4 ·23	10 ·77	3
22	Thur.	13	2 ·53	26 ·63	1	22	Mon.	14	3 ·93	4 ·67	1	21	Sun.	15	5 ·24	11 ·79	4
23	Fri.	14	3 ·55	27 ·69	2	23	Tues.	15	... ...	5 ·77	2	22	Mon.	16	6 ·22	12 ·81	5
24	Sat.	15	4 ·59	1 ·76	3	24	Wed.	16	4 ·03	6 ·87	3	23	Tues.	17	7 ·19	13 ·79	6
25	Sun.	16	5 ·66	2 ·85	4	25	Thur.	17	5 ·10	7 ·96	4	24	Wed.	18	8 ·13	14 ·76	7
26	Mon.	17	6 ·73	3 ·95	5	26	Fri.	18	6 ·16	... ...	5	25	Thur.	19	9 ·06	15 ·71	8
27	Tues.	18	7 ·82	... ...	6	27	Sat.	19	7 ·21	8 ·05	6				10 ·98		
28	Wed.	19	8 ·91	4 ·06	7	28	Sun.	20	8 ·24	9 ·10	7	26	Fri.	20	11 ·89	16 ·65	9
29	Thur.	20	... ...	5 ·17	8	29	Mon.	21	9 ·26	10 ·14	8	27	Sat.	21	12 ·79	17 ·60	10
—30	Fri.	21	9 ·00	6 ·27	9	30	Tues.	22	10 ·24	11 ·15	9	28	Sun.	22	13 ·69	18 ·53	11
1	Sat.	22	10 ·07	7 ·36	10	—31	Wed.	23	11 ·21	12 ·15	10	29	Mon.	23	14 ·59	19 ·46	12
2	Sun.	23	11 ·12	8 ·42	11	1	Thur.	24	12 ·16	13 ·12	11	30	Tues.	24	P ·49	20 ·39	13
3	Mon.	24	12 ·15	9 ·47	12	2	Fri.	25	13 ·09	14 ·09	12	—31	Wed.	25	1 ·39	21 ·32	14
4	Tues.	25	13 ·16	10 ·50	13	3	Sat.	26	14 ·01	15 ·04	13	1	Thur.	26	2 ·30	22 ·28	15
5	Wed.	26	14 ·15	11 ·51	14				P ·92	16 ·98		2	Fri.	27	3 ·23	23 ·24	16
6	Thur.	27	P ·12	12 ·49	15	4	Sun.	27	1 ·82	17 ·91	14	3	Sat.	28	4 ·17	24 ·21	17
7	Fri.	28	1 ·08	13 ·46	16	5	Mon.	28	2 ·72	18 ·84	15	4	Sun.	29	5 ·14	25 ·20	18
						6	Tues.	29	3 ·62	19 ·78	16	5	Mon.	30	6 ·12	26 ·21	19
						7	Wed.	30	4 ·52	20 ·71	17						

Vilamba. Makara—Tai. Pausha. Bahula. H. 512 Ramazān. Vilamba. Mīna—Pāṅguni. Phālguna. Śukla. H. 512 Zi-l-ka'da. Vikārin. Kumbha—Māśi. Māgha. Śukla. H. 512 Shawwāl. Vikārin. Mēsha—Chittirai. Chaitra. Śukla. H. 512 Zi-l-ḥijja. Vilamba. Kumbha—Māśi. Phālguna. Śukla. H. 512 Zi-l-ka'da. Vikārin. Mīna—Pāṅguni. Vaiśākha. Śukla. H. 513 Muḥarram. Vikārin. Mithuna—Āni. Jyeshtha. Śukla. H. 513 Muḥarram. Vikārin. Vṛishabha—Vaigāśi. Āshādha. Bahula. H. 513 Rabī-ul awwal. Bahula. Śukla. H. 513 Muḥarram. Bahula. Śukla. H. 513 Ṣafar.

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1119. **Kollam 295,** { **N. Malabar—Aug.** **Hijra 513.** **Vikarama 1176.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **April 14.** **Bengal San. 525.**
P—Paurnimā. **(N. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	7 ·12	27 ·24	20	5	Mon.	1	10 ·59	7 ·48	23	6	Sat.	1	12 ·89	13 ·43	25
7	Wed.	2	8 ·14	1 ·30	21	6	Tues.	2	11 ·65	8 ·57	24	7	Sun.	2	13 ·84	14 ·41	26
8	Thur.	3	9 ·18	2 ·37	22	7	Wed.	3	12 ·70	9 ·66	25	8	Mon.	3	14 ·78	15 ·38	27
9	Fri.	4	10 ·25	3 ·46	23	8	Thur.	4	13 ·73	10 ·72	26	9	Tues.	4	—**A** ·70	16 ·34	28
10	Sat.	5	11 ·32	4 ·56	24	9	Fri.	5	14 ·75	11 ·76	27	10	Wed.	5	1 ·61	17 ·28	29
11	Sun.	6	12 ·41	5 ·66	25	10	Sat.	6	—**A** ·73	12 ·77	28	11	Thur.	6	2 ·52	18 ·23	—30
12	Mon.	7	13 ·49	6 ·78	26	11	Sun.	7	1 ·70	13 ·77	29	12	Fri.	7	3 ·42	19 ·16	1
13	Tues.	8	14 ·56	7 ·88	27	12	Mon.	8	2 ·65	14 ·75	—30	13	Sat.	8	4 ·32	20 ·09	2
14	Wed.	9	—**A** ·63	8 ·97	28	13	Tues.	9	3 ·58	15 ·72	1						
15	Thur.	10	1 ·68	... ...	29	14	Wed.	10	4 ·51	16 ·67	2	14	Sun.	9	5 ·22	21 ·02 / 22 ·95	3
16	Fri.	11	2 ·71	9 ·03	—30	15	Thur.	11	5 ·42	17 ·61	3	15	Mon.	10	6 ·14	23 ·91	4
17	Sat.	12	3 ·71	10 ·08	1	16	Fri.	12	6 ·32	18 ·54	4	16	Tues.	11	7 ·07	24 ·86	5
18	Sun.	13	4 ·70	11 ·12	2	17	Sat.	13	7 ·22	19 ·47	5				8 ·01		
19	Mon.	14	5 ·67	12 ·13	3	18	Sun.	14	8 ·12	20 ·41	6	17	Wed.	12	9 ·95	25 ·83	6
20	Tues.	15	6 ·61	13 ·12	4				9 ·02			18	Thur.	13	10 ·92	26 ·82	7
21	Wed.	16	7 ·54	14 ·09	5	19	Mon.	15	10 ·93	21 ·34	7	19	Fri.	14	11 ·90	27 ·83	8
22	Thur.	17	8 ·47	15 ·04	6	20	Tues.	16	11 ·85	22 ·28	8	20	Sat.	15	12 ·91	1 ·87	9
				16 ·00		21	Wed.	17	12 ·78	23 ·23	9	21	Sun.	16	13 ·93	2 ·91	10
23	Fri.	18	9 ·38	17 ·94	7	22	Thur.	18	13 ·73	24 ·19	10	22	Mon.	17	14 ·99	3 ·98	11
24	Sat.	19	10 ·27	18 ·87	8	23	Fri.	19	14 ·69	25 ·18	11	23	Tues.	18	... ...	... ...	12
25	Sun.	20	11 ·17	19 ·80	9	24	Sat.	20	**P** ·68	26 ·18	12	24	Wed.	19	**P** ·06	4 ·07	13
			12 ·07			25	Sun.	21	1 ·68	27 ·19	13	25	Thur.	20	1 ·14	5 ·16	14
26	Mon.	21	13 ·97	20 ·73	10	26	Mon.	22	2 ·72	1 ·23	14	26	Fri.	21	2 ·23	6 ·27	15
27	Tues.	22	14 ·87	21 ·67	11	27	Tues.	23	3 ·76	2 ·29	15	27	Sat.	22	3 ·32	7 ·39	16
28	Wed.	23	**P** ·79	22 ·61	12	28	Wed.	24	4 ·82	3 ·37	16	28	Sun.	23	4 ·40	8 ·49	17
29	Thur.	24	1 ·72	23 ·57	13	29	Thur.	25	5 ·90	4 ·47	17	29	Mon.	24	5 ·46	9 ·57	18
30	Fri.	25	2 ·66	24 ·54	14	—30	Fri.	26	6 ·99	5 ·57	18	—30	Tues.	25	6 ·52	10 ·65	19
31	Sat.	26	3 ·63	25 ·52	15	1	Sat.	27	... ...	6 ·67	19	1	Wed.	26	7 ·55	11 ·70	20
—32	Sun.	27	4 ·60	26 ·53	16	2	Sun.	28	7 ·08	7 ·78	20	2	Thur.	27	8 ·56	12 ·74	21
1	Mon.	28	5 ·61	27 ·56	17	3	Mon.	29	8 ·16	8 ·88	21	3	Fri.	28	9 ·56	13 ·75	22
2	Tues.	29	6 ·63	1 ·61	18	4	Tues.	30	9 ·23	9 ·97	22	4	Sat.	29	10 ·53	14 ·74	23
3	Wed.	30	7 ·68	2 ·68	19							5	Sun.	30	11 ·48	15 ·71	24
4	Thur.	31	8 ·74	3 ·76	20												
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	9 ·81	4 ·86	21	5	Wed.	1	10 ·27	... ...	23	6	Mon.	1	12 ·42	16 ·67	25
6	Sat.	2	10 ·90	5 ·97	22	6	Thur.	2	11 ·30	10 ·03	24	7	Tues.	2	13 ·34	17 ·63	26
7	Sun.	3	11 ·98	... ...	23	7	Fri.	3	12 ·32	11 ·07	25	8	Wed.	3	14 ·25	18 ·57	27
8	Mon.	4	... ...	6 ·08	24	8	Sat.	4	13 ·30	12 ·09	26	9	Thur.	4	—**A** ·15	19 ·50	28
9	Tues.	5	12 ·06	7 ·18	25	9	Sun.	5	14 ·28	13 ·09	27				1 ·06		
10	Wed.	6	13 ·13	8 ·27	26	10	Mon.	6	—**A** ·23	14 ·09	28	10	Fri.	5	2 ·96	20 ·43	—29
11	Thur.	7	14 ·18	9 ·34	27	11	Tues.	7	1 ·17	15 ·05	—29	11	Sat.	6	3 ·87	21 ·36	1
12	Fri.	8	—**A** ·20	10 ·41	28	12	Wed.	8	2 ·09	16 ·01 / 17 ·95	1	12	Sun.	7	4 ·79	22 ·30	2
13	Sat.	9	1 ·22	11 ·44	—29							13	Mon.	8	5 ·71	23 ·24	3
14	Sun.	10	2 ·20	12 ·45	1	13	Thur.	9	3 ·00 / 4 ·90	18 ·88	2	14	Tues.	9	6 ·64	24 ·20	4
15	Mon.	11	3 ·17	13 ·44	2							15	Wed.	10	7 ·59	25 ·16	5
16	Tues.	12	4 ·12	14 ·42	3	14	Fri.	10	5 ·80	19 ·82	3	16	Thur.	11	8 ·56	26 ·15	6
			5 ·05			15	Sat.	11	6 ·70	20 ·75	4	17	Fri.	12	9 ·54	27 ·15	7
17	Wed.	13	6 ·97	15 ·39	4	16	Sun.	12	7 ·60	21 ·68	5	18	Sat.	13	10 ·55	1 ·18	8
18	Thur.	14	7 ·88	16 ·33	5	17	Mon.	13	8 ·52	22 ·62	6	19	Sun.	14	11 ·58	2 ·22	9
19	Fri.	15	8 ·78	17 ·27	6	18	Tues.	14	9 ·44	23 ·57	7	20	Mon.	15	12 ·64	3 ·29	10
20	Sat.	16	9 ·68	18 ·20	7	19	Wed.	15	10 ·38	24 ·53	8	21	Tues.	16	13 ·70	4 ·37	11
21	Sun.	17	10 ·58	19 ·13	8	20	Thur.	16	11 ·32	25 ·51	9	22	Wed.	17	14 ·78	5 ·46	12
22	Mon.	18	11 ·48	20 ·06	9	21	Fri.	17	12 ·28	26 ·50	10	23	Thur.	18	**P** ·87	6 ·58	13
				21 ·01		22	Sat.	18	13 ·27	27 ·51	11	24	Fri.	19	1 ·96	7 ·68	14
23	Tues.	19	12 ·39	22 ·95	10	23	Sun.	19	14 ·28	1 ·54	12	25	Sat.	20	... ...	8 ·79	15
24	Wed.	20	13 ·31	23 ·90	11	24	Mon.	20	**P** ·31	2 ·61	13	26	Sun.	21	2 ·04	9 ·88	16
25	Thur.	21	14 ·24	24 ·87	12	25	Tues.	21	1 ·86	3 ·68	14	27	Mon.	22	3 ·11	10 ·95	17
26	Fri.	22	**P** ·18	25 ·85	13	26	Wed.	22	2 ·43	4 ·77	15	28	Tues.	23	4 ·17	... ...	18
27	Sat.	23	1 ·14	26 ·86	14	27	Thur.	23	3 ·50	5 ·87	16	—29	Wed.	24	5 ·19	11 ·02	19
28	Sun.	24	2 ·13	27 ·88	15	28	Fri.	24	4 ·59	6 ·97	17	1	Thur.	25	6 ·21	12 ·06	20
29	Mon.	25	3 ·13	1 ·92	16	29	Sat.	25	5 ·68	... ...	18	2	Fri.	26	7 ·20	13 ·07	21
30	Tues.	26	4 ·15	2 ·98	17	—30	Sun.	26	6 ·76	7 ·08	19	3	Sat.	27	8 ·17	14 ·07	22
—31	Wed.	27	5 ·20	... ...	18	1	Mon.	27	7 ·83	8 ·19	20	4	Sun.	28	9 ·12	15 ·04	23
1	Thur.	28	6 ·26	3 ·06	19	2	Tues.	28	8 ·88	9 ·27	21				10 ·06	16 ·02	
2	Fri.	29	7 ·34	4 ·17	20	3	Wed.	29	9 ·92	10 ·34	22	5	Mon.	29	11 ·99	17 ·96	24
3	Sat.	30	8 ·43	5 ·27	21	4	Thur.	30	10 ·93	11 ·38	23	6	Tues.	31	12 ·90	18 ·90	25
4	Sun.	31	9 ·52	6 ·38	22	5	Fri.	31	11 ·92	12 ·41	24	7	Wed.	31	13 ·81	19 ·84	26

Vikārin. **Karkaṭaka—Āḍi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Siṃha—Āvaṇi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Kanyā—Puraṭṭāsi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Vikārin. **Makara—Tai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 513 *Rabī-ul awwal.* H. 513 *Rabī-ul ākhir.* H. 513 *Jamāda'l awwal.* H. 513 *Jamāda'l ākhir.* H. 513 *Rajab.* H. 513 *Śha'bān.* H. 513 *Ramaḍān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1120. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·79.** **Śaka 1042.** **Kaliyuga 4221.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·74.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Thur. 1	14 ·71	20 ·77	27	9	Mon. 1	—**A** ·51	25 ·16	28	8	Sat. 1	*Sukla.* 2 ·55	5 ·98	—30
9	Fri. 2	—**A** ·61	21 ·71	28	10	Tues. 2	1 ·46	26 ·13	29	9	Sun. 2	3 ·61	... ...	1
10	Sat. 3	1 ·51	22 ·64	29	11	Wed. 3	2 ·42	27 ·12	—30	10	Mon. 3	4 ·68	6 ·07	2
11	Sun. 4	2 ·42	23 ·58	—30	12	Thur. 4	3 ·41	1 ·13	1	11	Tues. 4	5 ·77	7 ·18	3
12	Mon. 5	3 ·35	24 ·53	1	13	Fri. 5	4 ·41	2 ·16	2	12	Wed. 5	6 ·86	8 ·29	4
13	Tues. 6	4 ·29	25 ·49	2	14	Sat. 6	5 ·44	3 ·22	3	13	Thur. 6	7 ·94	9 ·39	5
14	Wed. 7	5 ·24	26 ·47	3	15	Sun. 7	*Sukla.* 6 ·49	4 ·29	4	14	Fri. 7	... ...	10 ·49	6
15	Thur. 8	6 ·20	27 ·48	4	16	Mon. 8	7 ·56	5 ·37	5	15	Sat. 8	8 ·00	11 ·56	7
16	Fri. 9	7 ·18	1 ·50	5	17	Tues. 9	8 ·63	6 ·47	6	16	Sun. 9	9 ·05	12 ·63	8
17	Sat. 10	*Sukla.* 8 ·20	2 ·53	6	18	Wed. 10	9 ·71	7 ·58	7	17	Mon. 10	10 ·07	13 ·67	9
18	Sun. 11	9 ·23	3 ·59	7	19	Thur. 11	10 ·80	8 ·69	8	18	Tues. 11	11 ·08	14 ·69	10
19	Mon. 12	10 ·28	4 ·67	8	20	Fri. 12	11 ·88	9 ·79	9	19	Wed. 12	12 ·06	15 ·69	11
20	Tues. 13	11 ·34	5 ·77	9	21	Sat. 13	12 ·95	10 ·88	10	20	Thur. 13	13 ·03	16 ·67	12
21	Wed. 14	12 ·42	6 ·88	10	22	Sun. 14	... ...	11 ·95	11			14 ·98		
22	Thur. 15	13 ·51	7 ·98	11	23	Mon. 15	13 ·00	... ...	12	21	Fri. 14	**P** ·90	17 ·64	13
23	Fri. 16	14 ·60	... ...	12	24	Tues. 16	**Chaitra.** 14 ·03	12 ·00	13	22	Sat. 15	1 ·82	18 ·60	14
24	Sat. 17	**P** ·68	8 ·09	13	25	Wed. 17	**P** ·04	13 ·03	14	23	Sun. 16	2 ·73	19 ·54	15
25	Sun. 18	1 ·75	9 ·18	14	26	Thur. 18	1 ·02	14 ·05	15	24	Mon. 17	3 ·63	20 ·47	16
26	Mon. 19	2 ·80	10 ·27	15			2 ·99			25	Tues. 18	4 ·53	21 ·40	17
27	Tues. 20	3 ·83	11 ·33	16	27	Fri. 19	3 ·94	15 ·04	16	26	Wed. 19	5 ·43	22 ·34	18
28	Wed. 21	4 ·85	12 ·37	17	28	Sat. 20	4 ·88	16 ·01	17	27	Thur. 20	6 ·33	23 ·27	19
29	Thur. 22	5 ·84	13 ·39	18				17 ·97		28	Fri. 21	7 ·23	24 ·21	20
—30	Fri. 23	6 ·82	14 ·39	19	29	Sun. 21	*Bahula.* 5 ·80	18 ·91	18	29	Sat. 22	8 ·15	25 ·16	21
1	Sat. 24	7 ·77	15 ·38	20	30	Mon. 22	6 ·71	19 ·86	19	30	Sun. 23	9 ·07	26 ·12	22
2	Sun. 25	8 ·70	16 ·35	21	—31	Tues. 23	7 ·61	20 ·79	20			10 ·02		
3	Mon. 26	9 ·62	17 ·30	22	1	Wed. 24	8 ·51	21 ·72	21	—31	Mon. 24	11 ·98	27 ·09	23
4	Tues. 27	*Bahula.* 10 ·53	18 ·24	23	2	Thur. 25	9 ·40	22 ·65	22	1	Tues. 25	12 ·96	1 ·10	24
5	Wed. 28	11 ·44	19 ·17	24	3	Fri. 26	10 ·30	23 ·59	23	2	Wed. 26	13 ·97	2 ·11	25
6	Thur. 29	12 ·34	20 ·10	25	4	Sat. 27	11 ·21	24 ·54	24	3	Thur. 27	14 ·99	3 ·15	26
7	Fri. 30	13 ·24	21 ·04	26	5	Sun. 28	12 ·13	25 ·49	25	4	Fri. 28	... ...	4 ·20	27
			22 ·98		6	Mon. 29	13 ·06	26 ·46	26	5	Sat. 29	—**A** ·04	5 ·28	28
8	Sat. 31	14 ·15	23 ·91	27	7	Tues. 30	14 ·01	27 ·44	27	6	Sun. 30	1 ·10	6 ·38	—29
							A ·98			7	Mon. 31	2 ·18	7 ·48	1
	Feb.				8	Wed. 31	1 ·96	1 ·45	28					
						April.					**June.**			
9	Sun. 1	**A** ·06	24 ·86	28	9	Thur. 1	2 ·97	2 ·48	—29	8	Tues. 1	3 ·26	8 ·59	2
10	Mon. 2	1 ·98			10	Fri. 2	... ...	3 ·53	1	9	Wed. 2	4 ·34	9 ·69	3
11	Tues. 3	2 ·91	25 ·82	—29	11	Sat. 3	3 ·00	4 ·59	2	10	Thur. 3	5 ·42	10 ·79	4
12	Wed. 4	3 ·86	26 ·81	1	12	Sun. 4	4 ·04	5 ·67	3	11	Fri. 4	6 ·48	11 ·88	5
13	Thur. 5	4 ·82	27 ·80	2	13	Mon. 5	5 ·10	6 ·77	4	12	Sat. 5	7 ·53	12 ·94	6
14	Fri. 6	*Sukla.* 5 ·80	1 ·81	3	14	Tues. 6	*Sukla.* 6 ·17	7 ·88	5	13	Sun. 6	*Sukla.* 8 ·55	13 ·99	7
15	Sat. 7	6 ·82	2 ·85	4	15	Wed. 7	7 ·25	8 ·99	6	14	Mon. 7	9 ·56	... ...	8
16	Sun. 8	7 ·85	3 ·90	5	16	Thur. 8	8 ·34	... ...	7	15	Tues. 8	10 ·54	14 ·01	9
17	Mon. 9	8 ·90	4 ·98	6	17	Fri. 9	9 ·42	9 ·09	8	16	Wed. 9	11 ·51	15 ·02	10
18	Tues. 10	9 ·96	... ...	7	18	Sat. 10	10 ·49	10 ·18	9				16 ·01	
19	Wed. 11	... ...	5 ·07	8	19	Sun. 11	11 ·54	11 ·26	10	17	Thur. 10	12 ·45	17 ·98	11
20	Thur. 12	10 ·04	6 ·17	9	20	Mon. 12	12 ·56	12 ·31	11	18	Fri. 11	13 ·38	18 ·93	12
21	Fri. 13	11 ·13	7 ·28	10	21	Tues. 13	13 57	13 ·36	12	19	Sat. 12	14 ·30	19 ·87	13
22	Sat. 14	12 ·22	8 ·39	11	22	Wed. 14	14 ·56	14 ·37	13	20	Sun. 13	**P** ·21	20 ·81	14
23	Sun. 15	13 ·30	9 ·49	12	23	Thur. ○ 15	**P** ·53	15 ·37	14	21	Mon. 14	1 ·11	21 ·75	15
24	Mon. 16	14 ·37	10 ·58	13	24	Fri. 16	1 ·48	16 ·34	15	22	Tues. 15	2 ·01	22 ·68	16
25	Tues. 17	**P** ·42	11 ·64	14	25	Sat. 17	2 ·41	17 ·30	16			3 ·91		
26	Wed. 18	1 ·44	12 ·69	15	26	Sun. 18	3 ·33	18 ·26	17	23	Wed. 16	4 ·81	23 ·61	17
27	Thur. 19	2 ·46	13 ·71	16	27	Mon. 19	4 ·23	19 ·20	18	24	Thur. 17	5 ·71	24 ·54	18
28	Fri. 20	3 ·44	14 ·73	17	28	Tues. 20	5 ·13	20 ·13	19	25	Fri. 18	6 ·63	25 ·49	19
29	Sat. 21	4 ·42	15 ·71	18	29	Wed. 21	6 ·03	21 ·06	20	26	Sat. 19	*Bahula.* 7 ·56	26 ·45	20
1	Sun. 22	*Bahula.* 5 ·37	16 ·68	19			7 ·93	22 ·99		27	Sun. 20	8 ·50	27 ·43	21
2	Mon. 23	6 ·31	17 ·63	20	30	Thur. 22	8 ·83	23 ·93	21	28	Mon. 21	9 ·46	1 ·42	22
3	Tues. 24	7 ·23	18 ·58	21	—31	Fri. 23	9 ·73	24 ·87	22	29	Tues. 22	10 ·45	2 ·43	23
4	Wed. 25	8 ·14	19 ·51	22	1	Sat. 24	*Bahula.* 10 ·65	25 ·82	23	30	Wed. 23	11 ·44	3 ·46	24
5	Thur. 26	9 ·04	20 ·45	23	2	Sun. 25	11 ·58	26 ·79	24	31	Thur. 24	12 ·47	4 ·51	25
6	Fri. 27	10 ·94	21 ·38	24	3	Mon. 26	12 ·53	27 ·77	25	—32	Fri. 25	13 ·52	5 ·59	26
7	Sat. 28	11 ·84	22 ·31	25	4	Tues. 27	13 ·50	1 ·78	26	1	Sat. 26	14 ·58	6 ·68	27
8	Sun. 29	12 ·74	23 ·25	26	5	Wed. 28	14 ·47	2 ·80	27	2	Sun. 27	—**A** ·65	7 ·78	28
		13 ·65			6	Thur. 29	—**A** ·48	3 ·84	28	3	Mon. 28	1 ·74	8 ·88	29
		14 ·57	24 ·19	27	7	Fri. 30	1 ·51	4 ·90	29	4	Tues. 29	2 ·83	9 ·99	—30
										5	Wed. 30	3 ·90	... ...	1

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1120. **Kollam 296,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 514.** **Vikrama 1177.**
A—Amāvāsyā. Commences Commences **April 2.** **Bengal San. 526.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śārvari. **Karkataka—Ādi.**	**July.**			
6	Thur. 1	4 ·96	10 ·10	2
7	Fri. 2	:: ::	11 ·19	3
8	Sat. 3	5 ·01	12 ·25	4
9	Sun. 4	6 ·03	13 ·30	5
10	Mon. 5	7 ·04	14 ·33	6
11	Tues. 6	8 ·02 / 9 ·99	15 ·35	7
12	Wed. 7	10 ·93	16 ·34	8
13	Thur. 8	11 ·86	17 ·31	9
14	Fri. 9	12 ·78	18 ·26	10
15	Sat. 10	13 ·69	19 ·21	11
16	Sun. 11	14 ·59	20 ·14	12
17	Mon. 12	P ·49	21 ·08	13
18	Tues. 13	1 ·39	22 ·01 / 23 ·94	14
19	Wed. 14	2 ·29	24 ·88	15
20	Thur. 15	3 ·19	25 ·82	16
21	Fri. 16	[illegible]	26 ·79	17
22	Sat. 17	[illegible] 6 ·98	27 ·76	18
23	Sun. 18	7 ·94	1 ·74	19
24	Mon. 19	8 ·93	2 ·75	20
25	Tues. 20	9 ·93	3 ·77	21
26	Wed. 21	10 ·96	4 ·83	22
27	Thur. 22	:: ::	5 ·89	23
28	Fri. 23	11 ·00	6 ·98	24
29	Sat. 24	12 ·06	:: ::	25
30	Sun. 25	13 ·14	7 ·08	26
31	Mon. 26	14 ·23	8 ·18	27
Śārvari. **Simha—Āvani.** 1	Tues. 27	A ·31	9 ·30	28
2	Wed. 28	1 ·38	10 ·40	29
3	Thur. 29	2 ·45	11 ·49	1
4	Fri. 30	3 ·50	12 ·56	2
5	Sat. 31	4 ·53	13 ·62	3
	Aug.			
6	Sun. 1	5 ·53	14 ·66	4
7	Mon. 2	6 ·51	15 ·67	5
8	Tues. 3	7 ·48	16 ·66	6
9	Wed. 4	8 ·43	17 ·64	7
10	Thur. 5	9 ·36	18 ·60	8
11	Fri. 6	10 ·28	19 ·54	9
12	Sat. 7	11 ·19	20 ·49	10
13	Sun. 8	12 ·09 / 13 ·99	21 ·42	11
14	Mon. 9	14 ·89	22 ·35	12
15	Tues. 10	P ·79	23 ·28	13
16	Wed. 11	1 ·69	24 ·22	14
17	Thur. 12	2 ·61	25 ·17	15
18	Fri. 13	3 ·54	26 ·12	16
19	Sat. 14	4 ·49	27 ·09	17
20	Sun. 15	5 ·46	1 ·07	18
21	Mon. 16	6 ·44	2 ·07	19
22	Tues. 17	7 ·44	3 ·10	20
23	Wed. 18	8 ·48	4 ·14	21
24	Thur. 19	9 ·52	5 ·20	22
25	Fri. 20	10 ·58	6 ·28	23
26	Sat. 21	11 ·66	7 ·38	24
27	Sun. 22	12 ·75	8 ·49	25
28	Mon. 23	13 ·83	9 ·60	26
29	Tues. 24	14 ·90	10 ·70	27
30	Wed. 25	A ·97	11 ·79	28
31	Thur. 26	:: ::	12 ·87	29
1	Fri. 27	1 ·02	13 ·93	30
2	Sat. 28	2 ·06	14 ·98	1
3	Sun. 29	3 ·06	15 ·99	2
4	Mon. 30	4 ·05	16 ·99	3
5	Tues. 31	5 ·01 / 6 ·96	17 ·97	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
6	Wed. 1	7 ·89	18 ·93	5
7	Thur. 2	8 ·81	19 ·89	6
8	Fri. 3	9 ·72	20 ·83	7
9	Sat. 4	10 ·62	21 ·76	8
10	Sun. 5	11 ·52	22 ·69	9
11	Mon. 6	12 ·42	23 ·62	10
12	Tues. 7	13 ·32	24 ·56	11
13	Wed. 8	14 ·23	25 ·50	12
14	Thur. 9	P ·15	26 ·45	13
15	Fri. 10	1 ·08	27 ·41	14
16	Sat. 11	2 ·03	1 ·39	15
17	Sun. 12	3 ·00	2 ·40	16
18	Mon. 13	4 ·98	3 ·41	17
19	Tues. 14	5 ·99	4 ·45	18
20	Wed. 15	:: ::	5 ·51	19
21	Thur. 16	6 ·02	6 ·58	20
22	Fri. 17	7 ·06	7 ·69	21
23	Sat. 18	8 ·13	8 ·79	22
24	Sun. 19	9 ·21	9 ·90	23
25	Mon. 20	10 ·30	... ...	24
26	Tues. 21	11 ·38	10 00	25
27	Wed. 22	12 ·46	11 ·10	26
28	Thur. 23	13 ·53	12 ·18	27
29	Fri. 24	14 ·58	13 ·25	28
30	Sat. 25	A ·62	14 ·29	29
31	Sun. 26	1 ·62	15 ·31	1
1	Mon. 27	2 ·61	16 ·31	2
2	Tues. 28	3 ·57	17 ·30	3
3	Wed. 29	4 ·52	18 ·27	4
4	Thur. 30	5 ·46	19 ·22	5
	Oct.			
5	Fri. 1	6 ·38	20 ·17	6
6	Sat. 2	7 ·29	21 ·10	7
7	Sun. 3	8 ·19	22 ·03 / 23 ·97	8
8	Mon. 4	9 ·09 / 10 ·00 / 11 ·90	24 ·90	9
9	Tues. 5	12 ·81	25 ·84	10
10	Wed. 6	13 ·73	26 ·78	11
11	Thur. 7	14 ·66	27 ·74	12
12	Fri. ○ 8	P ·61	1 ·73	13
13	Sat. 9	1 ·58	2 ·72	14
14	Sun. 10	2 ·56	3 ·73	15
15	Mon. 11	3 ·58	4 ·76	16
16	Tues. 12	4 ·61	5 ·82	17
17	Wed. 13	5 ·65	6 ·89	18
18	Thur. 14	6 ·72	7 ·99	19
19	Fri. 15	7 ·80	:: ...	20
20	Sat. 16	8 ·89	8 ·09	21
21	Sun. 17	9 ·98	9 ·19	22
22	Mon. 18	:: ::	10 ·30	23
23	Tues. 19	10 ·06	11 ·40	24
24	Wed. 20	11 ·13	12 ·49	25
25	Thur. 21	12 ·18	13 ·56	26
26	Fri. 22	13 ·21	14 ·61	27
27	Sat. 23	14 ·22	15 ·63	28
28	Sun. ● 24	A ·21	16 ·64	29
29	Mon. 25	1 ·17	17 ·63	30
30	Tues. 26	2 ·12	18 ·60	1
1	Wed. 27	3 ·06 / 4 ·98	19 ·56	2
2	Thur. 28	5 ·90	20 ·50	3
3	Fri. 29	6 ·80	21 ·44	4
4	Sat. 30	7 ·70	22 ·38	5
5	Sun. 31	8 ·60	23 ·31	6

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
6	Mon. 1	9 ·51	24 ·24	7
7	Tues. 2	10 ·42	25 ·17	8
8	Wed. 3	11 ·34	26 ·12	9
9	Thur. 4	12 ·28	27 ·07	10
10	Fri. 5	13 ·23	1 ·05	11
11	Sat. 6	14 ·20	2 ·04	12
12	Sun. 7	P ·19	3 ·05	13
13	Mon. 8	1 ·19	4 ·08	14
14	Tues. 9	2 ·23	5 ·12	15
15	Wed. 10	3 ·28	6 ·20	16
16	Thur. 11	4 ·35	7 ·29	17
17	Fri. 12	5 ·43	8 ·39	18
18	Sat. 13	6 ·52	9 ·49	19
19	Sun. 14	7 ·61	10 ·60	20
20	Mon. 15	8 ·68	11 ·71	21
21	Tues. 16	9 ·75	12 ·80	22
22	Wed. 17	10 ·81	13 ·87	23
23	Thur. 18	11 ·84	14 ·92	24
24	Fri. 19	12 ·85	15 ·95	25
25	Sat. 20	13 ·84	16 ·97	26
26	Sun. 21	14 ·81	17 ·96	27
27	Mon. 22	A ·76	18 ·93	28
28	Tues. 23	1 ·69	19 ·89	29
29	Wed. 24	2 ·62	20 ·84	1
1	Thur. 25	3 ·53	21 ·79	2
2	Fri. 26	4 ·44	22 ·72	3
3	Sat. 27	5 ·34	23 ·65	4
4	Sun. 28	6 ·25	24 ·58	5
5	Mon. 29	7 ·15	25 ·51	6
6	Tues. 30	8 ·06 / 9 ·98	26 ·45	7
	Dec.			
7	Wed. 1	10 ·92	27 ·42	8
8	Thur. 2	11 ·87	1 ·38	9
9	Fri. 3	12 ·83	2 ·37	10
10	Sat. 4	13 ·83	3 ·37	11
11	Sun. 5	14 ·84	4 ·39	12
12	Mon. 6	P ·88	5 ·44	13
13	Tues. 7	1 ·92	6 ·51	14
14	Wed. 8	2 ·99	7 ·59	15
15	Thur. 9	:: ...	8 ·68	16
16	Fri. 10	3 ·07	9 ·79	17
17	Sat. 11	4 ·16	10 ·91	18
18	Sun. 12	5 ·25	... ...	19
19	Mon. 13	6 ·34	11 ·01	20
20	Tues. 14	7 ·41	12 ·10	21
21	Wed. 15	8 ·45	13 ·17	22
22	Thur. 16	9 ·48	14 ·23	23
23	Fri. 17	10 ·50	15 ·28	24
24	Sat. 18	11 ·48	16 ·29	25
25	Sun. 19	12 ·45	17 ·29	26
26	Mon. 20	13 ·41	18 ·26	27
27	Tues. 21	14 ·35	19 ·23	28
28	Wed. 22	A ·27	20 ·17	29
29	Thur. 23	1 ·18	21 ·12	30
1	Fri. 24	2 ·08 / 3 ·98	22 ·06 / 23 ·99	1
2	Sat. 25	4 ·88	24 ·91	2
3	Sun. 26	5 ·78	25 ·85	3
4	Mon. 27	6 ·70	26 ·80	4
5	Tues. 28	7 ·62	27 ·75	5
6	Wed. 29	8 ·56	1 ·71	6
7	Thur. 30	9 ·52	2 ·69	7
8	Fri. 31	10 ·48	3 ·69	8

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1121. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·05. **Śaka 1043.** **Kaliyuga 4222.**
Lunar Eclipse. ○ (Arya Sid.) March 24·00. **(S. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
9	Sat.	1	11 ·47	4 ·72	9	8	Tues.	1	11 ·86	8 ·59	9	8	Sun.	1	12 ·32	14 ·79	11
10	Sun.	2	12 ·48	5 ·75	10	9	Wed.	2	12 ·94	9 ·69	10	9	Mon.	2	13 ·37	15 ·84	12
11	Mon.	3	13 ·52	6 ·81	11	10	Thur.	3	... ...	10 ·80	11	10	Tues.	3	14 ·40	16 ·89	13
12	Tues.	4	14 ·57	7 ·89	12	11	Fri.	4	13 ·03	11 ·90	12	11	Wed.	4	P ·41	17 ·91	14
13	Wed.	5	P ·64	8 ·98	13	12	Sat.	5	14 ·12	... ...	13	12	Thur.	5	1 ·38	18 ·91	15
14	Thur.	6	1 ·72	... ...	14	13	Sun.	6	P ·20	12 ·00	14	13	Fri.	6	2 ·35	19 ·89	16
15	Fri.	7	2 ·80	9 ·10	15	14	Mon.	7	1 ·26	13 ·10	15	14	Sat.	7	3 ·30	20 ·86	17
16	Sat.	8	3 ·89	10 ·20	16	15	Tues.	8	2 ·31	14 ·17	16	15	Sun.	8	4 ·23	21 ·81	18
17	Sun.	9	4 ·98	11 ·31	17	16	Wed.	9	3 ·34	15 ·22	17	16	Mon.	9	5 ·14	22 ·75	19
18	Mon.	10	... ...	12 ·40	18	17	Thur.	10	4 ·34	16 ·25	18	17	Tues.	10	6 ·05	23 ·69	20
19	Tues.	11	5 ·05	13 ·48	19	18	Fri.	11	5 ·33	17 ·26	19				7 ·95		
20	Wed.	12	6 ·10	14 ·55	20	19	Sat.	12	6 ·30	18 ·26	20	18	Wed.	11	8 ·85	24 ·62	21
21	Thur.	13	7 ·13	15 ·59	21	20	Sun.	13	7 ·25	19 ·23	21	19	Thur.	12	9 ·75	25 ·55	22
22	Fri.	14	8 ·14	16 ·62	22	21	Mon.	14	8 ·18	20 ·19	22	20	Fri.	13	10 ·65	26 ·48	23
23	Sat.	15	9 ·13	17 ·61	23	22	Tues.	15	9 ·10	21 ·13	23	21	Sat.	14	11 ·56	27 ·43	24
24	Sun.	16	10 ·09	18 ·59	24	23	Wed.	16	10 ·01	22 ·07	24	22	Sun.	15	12 ·47	1 ·38	25
25	Mon.	17	11 ·04	19 ·56	25				11 ·91			23	Mon.	16	13 ·40	2 ·34	26
			12 ·98			24	Thur.	17	12 ·81	23 ·01	25	24	Tues.	17	14 ·34	3 ·31	27
26	Tues.	18	13 ·91	20 ·52	26					24 ·94		25	Wed.	18	—A ·31	4 ·31	28
27	Wed.	19	14 ·82	21 ·46	27	25	Fri.	18	13 ·71	25 ·87	26	26	Thur.	19	1 ·29	5 ·33	—29
28	Thur.	20	—A ·72	22 ·39	28	26	Sat.	19	14 ·61	26 ·80	27	27	Fri.	20	2 ·30	6 ·37	1
29	Fri.	21	1 ·62	23 ·32	—29	27	Sun.	20	—A ·52	27 ·75	28	28	Sat.	21	3 ·33	7 ·42	2
—30	Sat.	22	2 ·52	24 ·25	1	28	Mon.	21	1 ·44	1 ·71	—29	29	Sun.	22	4 ·38	8 ·50	3
1	Sun.	23	3 ·42	25 ·19	2	29	Tues.	22	2 ·37	2 ·68	1	30	Mon.	23	5 ·44	9 ·59	4
2	Mon.	24	4 ·34	26 ·13	3	—30	Wed.	23	3 ·32	3 ·66	2	—31	Tues.	24	6 ·51	10 ·70	5
3	Tues.	25	5 ·26	27 ·08	4	1	Thur.	24	4 ·28	4 ·67	3	1	Wed.	25	7 ·59	11 ·81	6
4	Wed.	26	6 ·20	1 ·04	5	2	Fri.	25	5 ·26	5 ·69	4	2	Thur.	26	8 ·68	12 ·91	7
5	Thur.	27	7 ·15	2 ·02	6	3	Sat.	26	6 ·28	6 ·74	5	3	Fri.	27	9 ·76	... ...	8
6	Fri.	28	8 ·12	3 ·02	7	4	Sun.	27	7 ·31	7 ·81	6	4	Sat.	28	10 ·82	13 ·01	9
7	Sat.	29	9 ·10	4 ·03	8	5	Mon.	28	8 ·36	8 ·89	7	5	Sun.	29	11 ·86	14 ·09	10
8	Sun.	30	10 ·12	5 ·07	9	6	Tues.	29	9 ·42	9 ·99	8	6	Mon.	30	12 ·89	15 ·17	11
9	Mon.	31	11 ·15	6 ·12	10	7	Wed.	30	10 ·50	... ...	9	7	Tues.	31	13 ·89	16 ·21	12
	Feb.					8	Thur.	31	11 ·58	10 ·09	10						
10	Tues.	1	12 ·19	7 ·19	11		**April.**						**June.**				
11	Wed.	2	13 ·26	8 ·29	12	9	Fri.	1	12 ·67	11 ·20	11	8	Wed.	1	14 ·87	17 ·23	13
12	Thur.	3	14 ·34	9 ·39	13	10	Sat.	2	13 ·75	12 ·31	12	9	Thur.	2	P ·83	18 ·23	14
13	Fri.	4	P ·43	10 ·50	14	11	Sun.	3	14 ·81	13 ·40	13	10	Fri.	3	1 ·78	19 ·22	15
14	Sat.	5	1 ·52	11 ·61	15	12	Mon.○	4	P ·86	14 ·48	14	11	Sat.	4	2 ·71	20 ·19	16
15	Sun.	6	2 ·61	12 ·70	16	13	Tues.	5	1 ·88	15 ·53	15	12	Sun.	5	3 ·62	21 ·15	17
16	Mon.	7	3 ·67	13 ·79	17	14	Wed.	6	2 ·89	16 ·57	16	13	Mon.	6	4 ·53	22 ·09	18
17	Tues.	8	4 ·71	14 ·86	18	15	Thur.	7	3 ·87	17 ·59	17	14	Tues.	7	5 ·43	23 ·03	19
18	Wed.	9	5 ·75	15 ·91	19	16	Fri.	8	4 ·84	18 ·58	18					24 ·96	
19	Thur.	10	6 ·75	16 ·93	20	17	Sat.	9	5 ·79	19 ·56	19	15	Wed.	8	6 ·33	25 ·89	20
20	Fri.	11	7 ·74	17 ·94	21	18	Sun.	10	6 ·72	20 ·52	20	16	Thur.	9	7 ·22	26 ·83	21
21	Sat.	12	8 ·71	18 ·92	22	19	Mon.	11	7 ·64	21 ·47	21	17	Fri.	10	8 ·12	27 ·76	22
22	Sun.	13	9 ·66	19 ·90	23	20	Tues.	12	8 ·54	22 ·42	22	18	Sat.	11	9 ·02	1 ·71	23
23	Mon.	14	10 ·59	20 ·85	24	21	Wed.	13	9 ·44	23 ·35	23				10 ·94		
24	Tues.	15	11 ·51	21 ·80	25	22	Thur.	14	10 ·34	24 ·28	24	19	Sun.	12	11 ·88	2 ·67	24
25	Wed.	16	12 ·42	22 ·73	26	23	Fri.	15	11 ·24	25 ·21	25	20	Mon.	13	12 ·83	3 ·64	25
26	Thur.	17	13 ·32	23 ·66	27	24	Sat.	16	12 ·14	26 ·14	26	21	Tues.	14	13 ·79	4 ·64	26
27	Fri.	18	14 ·23	24 ·60	28	25	Sun.	17	13 ·05	27 ·09	27	22	Wed.	15	14 ·77	5 ·65	27
28	Sat.	19	—A ·13	25 ·53	29				14 ·97			23	Thur.	16	—A ·78	6 ·68	28
29	Sun.	20	1 ·04	26 ·47	—30	26	Mon.	18	—A ·90	1 ·04	28	24	Fri.	17	1 ·80	7 ·73	29
			2 ·95			27	Tues.	19	1 ·85	2 ·01	29	25	Sat.	18	2 ·85	8 ·80	—30
—30	Mon.	21	3 ·87	27 ·41	1					3 ·99		26	Sun.	19	3 ·92	9 ·90	1
1	Tues.	22	4 ·80	1 ·37	2	28	Wed.	20	2 ·81	4 ·99	—30	27	Mon.	20	4 ·99	... ...	2
2	Wed.	23	5 ·75	2 ·35	3	29	Thur.	21	3 ·80	... ...	1	28	Tues.	21	... ...	10 ·00	3
3	Thur.	24	6 ·72	3 ·34	4	30	Fri.	22	4 ·81	5 ·01	2	29	Wed.	22	5 ·08	11 ·11	4
4	Fri.	25	7 ·70	4 ·35	5	—31	Sat.	23	5 ·83	6 ·06	3	30	Thur.	23	6 ·16	12 ·21	5
5	Sat.	26	8 ·71	5 ·38	6	1	Sun.	24	6 ·88	7 ·12	4	31	Fri.	24	7 ·23	13 ·31	6
6	Sun.	27	9 ·74	6 ·43	7	2	Mon.	25	7 ·94	8 ·20	5	—32	Sat.	25	8 ·29	14 ·41	7
7	Mon.	28	10 ·79	7 ·51	8	3	Tues.	26	... ...	9 ·29	6	1	Sun.	26	9 ·34	15 ·47	8
						4	Wed.	27	8 ·02	10 ·39	7	2	Mon.	27	10 ·37	16 ·52	9
						5	Thur.	28	9 ·10	11 ·51	8	3	Tues.	28	11 ·36	17 ·55	10
						6	Fri.	29	10 ·19	12 ·61	9	4	Wed.	29	12 ·35	18 ·56	11
						7	Sat.	30	11 ·26	13 ·71	10	5	Thur.	30	13 ·31	19 ·55	12

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1121. **Kollam 297,** {**N. Malabar—Aug.** **Hijra 515.** **Vikrama 1178.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **March 22.** **Bengal San. 527.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	14 ·26	20 ·53	13	6	Thur.	1	3 ·53	1 ·72	16	6	Tues.	1	5 ·48	7 ·30	18
7	Sat.	2	P ·18	21 ·48	14	7	Fri.	2	4 ·45	2 ·67	17	7	Wed.	2	6 ·52	8 ·34	19
8	Sun.	3	1 ·10	22 ·43	15	8	Sat.	3	5 ·38	3 ·63	18	8	Thur.	3	7 ·57	9 ·41	20
9	Mon.	4	2 ·01	23 ·36	16	9	Sun.	4	6 ·33	4 ·61	19	9	Fri.	4	8 ·64	10 ·50	21
10	Tues.	5	3 ·91	24 ·29	17	10	Mon.	5	7 ·30	5 ·61	20	10	Sat.	5	9 ·72	11 ·61	22
11	Wed.	6	4 ·81	25 ·23	18	11	Tues.	6	8 ·29	6 ·62	21	11	Sun.	6	10 ·82	12 ·71	23
12	Thur.	7	5 ·71	26 ·16	19	12	Wed.	7	9 ·30	7 ·67	22	12	Mon.	7	11 ·90	13 ·82	24
13	Fri.	8	6 ·61	27 ·10	20	13	Thur.	8	10 ·32	8 ·73	23	13	Tues.	8	12 ·97	14 ·92	25
14	Sat.	9	7 ·51	1 ·04	21	14	Fri.	9	11 ·38	9 ·81	24	14	Wed.	9	.. ...	.. ...	26
15	Sun.	10	8 ·42	2 ·00	22	15	Sat.	10	12 ·44	10 ·90	25	15	Thur.	10	13 ·04	15 ·02	27
16	Mon.	11	9 ·35	3 ·98	23	16	Sun.	11	13 ·52	... ..	26	16	Fri.	11	14 ·10	16 ·09	28
17	Tues.	12	10 ·30	4 ·96	24	17	Mon.	12	14 ·61	11 ·00	27	17	Sat.	12	A ·13	17 ·14	29
18	Wed.	13	11 ·27	5 ·97	25	18	Tues.	13	A ·70	12 ·12	28	18	Sun.	13	1 ·13	18 ·17	1
19	Thur.	14	12 ·25	6 ·99	26	19	Wed.	14	1 ·77	13 ·22	29	19	Mon.	14	2 ·12	19 ·18	2
20	Fri.	15	13 ·27	.. ...	26	20	Thur.	15	2 ·83	14 ·32	1	20	Tues.	15	3 ·09	20 ·18	3
21	Sat.	16	14 ·29	7 ·04	27	21	Fri.	16	3 ·88	15 ·40	2	21	Wed.	16	4 ·04	21 ·15	4
22	Sun.	17	A ·34	8 ·12	28	22	Sat.	17	4 ·91	16 ·46	3				5 ·97		
23	Mon.	18	1 ·40	9 ·20	29	23	Sun.	18	5 ·92	17 ·51	4	22	Thur.	17	6 ·89	22 ·11	5
24	Tues.	19	2 ·48	10 ·30	1	24	Mon.	19	6 ·90	18 ·53	5	23	Fri.	18	7 ·81	23 ·06	6
25	Wed.	20	3 ·56	11 ·40	2	25	Tues.	20	7 ·87	19 ·53	6	24	Sat.	19	8 ·71	24 ·00	7
26	Thur.	21	4 ·64	12 ·51	3	26	Wed.	21	8 ·81	20 ·52	7					25 ·93	
27	Fri.	22	5 ·72	13 ·61	4	27	Thur.	22	9 ·75	21 ·48	8	25	Sun.	20	9 ·61	26 ·87	8
28	Sat.	23	6 ·78	14 ·71	5	28	Fri.	23	10 ·68	22 ·44	9	26	Mon.	21	10 ·52	27 ·80	9
29	Sun.	24	7 ·82	15 ·78	6	29	Sat.	24	11 ·59	23 ·39	10	27	Tues.	22	11 ·42	1 ·73	10
30	Mon.	25	8 ·85	16 ·84	7	30	Sun.	25	12 ·49	24 ·32	11	28	Wed.	23	12 ·33	2 ·67	11
31	Tues.	26	9 ·85	17 ·87	8	31	Mon.	26	13 ·39	25 ·25	12	29	Thur.	24	13 ·25	3 ·62	12
1	Wed.	27	10 ·84	18 ·88	9	1	Tues.	27	14 ·29	26 ·18	13	1	Fri.	25	14 ·19	4 ·60	13
2	Thur.	28	11 ·80	19 ·88	10	2	Wed. ○	28	P ·19	27 ·12	14	2	Sat.	26	P ·14	5 ·59	14
3	Fri.	29	12 ·75	20 ·86	11	3	Thur.	29	1 ·10	1 ·06	15	3	Sun.	27	1 ·12	6 ·51	15
4	Sat.	30	13 ·68	21 ·82	12	4	Fri.	30	2 ·02	2 ·00	16	4	Mon.	28	2 ·11	7 ·61	16
5	Sun.	31	14 ·60	22 ·76	13				3 ·95	3 ·96		5	Tues.	29	3 ·13	8 ·65	17
			P ·50	23 ·70	14							6	Wed.	30	4 ·16	9 ·73	18
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	1 ·40	24 ·64	15	5	Sat.	1	4 ·90	4 ·94	17	7	Thur.	1	5 ·21	10 ·81	19
7	Tues.	2	2 ·29	25 ·57	16	6	Sun.	2	5 ·87	5 ·93	18	8	Fri.	2	6 ·28	11 ·90	20
8	Wed.	3	3 ·19	26 ·50	17	7	Mon.	3	6 ·86	6 ·95	19	9	Sat.	3	7 ·36	.. ...	21
9	Thur.	4	4 ·09	27 ·44	18	8	Tues.	4	7 ·88	7 ·98	20	10	Sun.	4	8 ·45	12 ·01	22
10	Fri.	5	5 ·00	1 ·38	19	9	Wed.	5	8 ·91	... ..	21	11	Mon.	5	9 ·54	13 ·12	23
11	Sat.	6	6 ·92	2 ·34	20	10	Thur.	6	9 ·96	8 ·04	22	12	Tues.	6	10 ·62	14 ·23	24
12	Sun.	7	7 ·85	3 ·30	21	11	Fri.	7	... ...	9 ·11	23	13	Wed.	7	11 ·69	15 ·32	25
13	Mon.	8	8 ·80	4 ·29	22	12	Sat.	8	10 ·03	10 ·20	24	14	Thur.	8	12 ·74	16 ·40	26
14	Tues.	9	9 ·77	5 ·29	23	13	Sun.	9	11 ·11	11 ·31	25	15	Fri.	9	13 ·77	17 ·45	27
15	Wed.	10	10 ·75	6 ·31	24	14	Mon.	10	12 ·19	12 ·41	26	16	Sat.	10	14 ·78	18 ·49	28
16	Thur.	11	11 ·77	7 ·36	25	15	Tues.	11	13 ·28	13 ·52	27	17	Sun.	11	A ·77	19 ·50	29
17	Fri.	12	12 ·80	8 ·42	26	16	Wed.	12	14 ·36	14 ·62	28	18	Mon.	12	1 ·73	20 ·51	30
18	Sat.	13	13 ·84	9 ·50	27	17	Thur.	13	A ·43	15 ·70	29	19	Tues.	13	2 ·68	21 ·48	1
19	Sun.	14	14 ·90	10 ·60	28	18	Fri.	14	1 ·48	16 ·78	30	20	Wed.	14	3 ·62	22 ·45	2
20	Mon.	15	A ·98	11 ·70	29	19	Sat.	15	2 ·51	17 ·83	1	21	Thur.	15	4 ·54	23 ·39	3
21	Tues.	16	.. ...	12 ·81	30	20	Sun.	16	3 ·51	18 ·85	2	22	Fri.	16	5 ·45	24 ·33	4
22	Wed.	17	1 ·07	13 ·92	1	21	Mon.	17	4 ·49	19 ·86	3	23	Sat.	17	6 ·36	25 ·28	5
23	Thur.	18	2 ·15	... ...	2	22	Tues.	18	5 ·46	20 ·84	4	24	Sun.	18	7 ·26	26 ·20	6
24	Fri.	19	3 ·23	14 ·01	3	23	Wed.	19	6 ·41	21 ·82	5	25	Mon.	19	8 ·16	27 ·18	7
25	Sat.	20	4 ·29	15 ·09	4	24	Thur.	20	7 ·35	22 ·78	6	26	Tues.	20	9 ·07	1 ·07	8
26	Sun.	21	5 ·34	16 ·15	5	25	Fri.	21	8 ·27	23 ·72	7				10 ·98		
27	Mon.	22	6 ·33	17 ·19	6	26	Sat.	22	9 ·18	24 ·66	8	27	Wed.	21	11 ·91	2 ·01	9
28	Tues.	23	7 ·37	18 ·21	7	27	Sun.	23	10 ·03	25 ·59	9					3 ·97	
29	Wed.	24	8 ·35	19 ·21	8				11 ·98			28	Thur.	22	12 ·84	4 ·93	10
30	Thur.	25	9 ·31	20 ·19	9	28	Mon.	24	12 ·89	26 ·52	10	29	Fri.	23	13 ·79	5 ·91	11
31	Fri.	26	10 ·26	21 ·15	10	29	Tues.	25	13 ·79	27 ·46	11	30	Sat.	24	14 ·77	6 ·91	12
1	Sat.	27	11 ·19	22 ·10	11	30	Wed.	26	14 ·70	1 ·39	12	1	Sun.	25	P ·75	7 ·93	13
2	Sun.	28	12 ·12	23 ·05	12	1	Thur.	27	P ·63	2 ·34	13	2	Mon.	26	1 ·78	8 ·97	14
3	Mon.	29	13 ·03	24 ·98	13	2	Fri.	28	1 ·57	3 ·29	14	3	Tues.	27	2 ·81	... ...	15
4	Tues.	30	14 ·93	25 ·91	14	3	Sat.	29	2 ·52	4 ·26	15	4	Wed.	28	3 ·86	9 ·03	16
5	Wed.	31	P ·83	26 ·84	15	4	Sun.	30	3 ·49	5 ·26	16	5	Thur.	29	4 ·93	10 ·11	17
			1 ·73	27 ·77		5	Mon.	31	4 ·47	6 ·27	17	6	Fri.	30	... ...	11 ·20	18
			2 ·63									7	Sat.	31	5 ·01	12 ·30	19

Plava. **Karkaṭaka—Ādi.** *Bahula.* *Śukla.* **Śrāvaṇa.** **Bhād.** *Śukla.* *Bahula.* **Śiṁha—Āśvani.** *Plava.* **Tulā—Aippaśi.** *Plava.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Śukla.* **Āśvina.** **Kārttika.** *Śukla.* *Bahula.* **Vṛśchika—Kārttigai.** *Plava.* **Dhanus—Mārgali.** *Plava.* **Mīna—Paṅguni.** *Bahula.* *Śukla.* **Caitra.** **Vaiśākha.** *Śukla.* *Bahula.* **Jyesh.** **Āshāḍha.** *Śukla.* *Bahula.* **Śrāvaṇa.** **Bhādrapada.** *Śukla.* *Bahula.* **Āśvina.** **Kārttika.** *Śukla.* *Bahula.* **Mārgaśīrsha.** **Pausha.** *Śukla.* *Bahula.* **Māgha.** **Phālguna.** *Śukla.* *Bahula.*

H. 515 *Rabi-ul ākhir.* *H.* 515 *Jamāda'l awwal.* *H.* 515 *Jamāda'l ākhir.* *H.* 515 *Rajab.* *H.* 515 *Sha'bān.* *H.* 515 *Ramazān.* *H.* 515 *Shawwāl.* *H.* 515 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1122. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·31.** **Śaka 1044.** **Kaliyuga 4223.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·26.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sun. 1	6 ·10	18 ·41	20	8	Wed. 1	6 ·61	17 ·39	20	8	Mon. 1	8 ·54	23 ·07	21
9	Mon. 2	7 ·19	14 ·53	21	9	Thur. 2	7 ·63	18 ·44	21	9	Tues. 2	9 ·45	24 ·02	22
10	Tues. 3	8 ·27	15 ·62	22	10	Fri. 3	8 ·65	19 ·47	22				25 ·96	
11	Wed. 4	9 ·33	16 ·70	23	11	Sat. 4	9 ·63	20 ·48	23	10	Wed. 3	10 ·36	26 ·91	23
12	Thur. 5	10 ·38	17 ·76	24	12	Sun. 5	10 ·60	21 ·47	24	11	Thur. 4	11 ·28	27 ·84	24
13	Fri. 6	11 ·41	18 ·80	25	13	Mon. 6	11 ·54	22 ·45	25	12	Fri. 5	12 ·16	1 ·77	25
14	Sat. 7	12 ·42	19 ·83	26	14	Tues. 7	12 ·47	23 ·41	26	13	Sat. 6	13 ·06	2 ·70	26
15	Sun. 8	13 ·41	20 ·83	27	15	Wed. 8	13 ·39	24 ·35	27			14 ·96		
16	Mon. 9	14 ·37	21 ·81	28	16	Thur. 9	14 ·30	25 ·29	28	14	Sun. 7	A ·87	3 ·64	27
17	Tues. 10	A ·32	22 ·78	29	17	Fri. ● 10	A ·20	26 ·22	29	15	Mon. 8	1 ·79	4 ·59	28
18	Wed. 11	1 ·26	23 ·73	1	18	Sat. 11	1 ·10	27 ·16	30	16	Tues. 9	2 ·72	5 ·56	29
19	Thur. 12	2 ·18	24 ·68	2	19	Sun. 12	2 ·00	1 ·09	1	17	Wed. 10	3 ·66	6 ·53	1
20	Fri. 13	3 ·09	25 ·61	3			3 ·90			18	Thur. 11	4 ·63	7 ·53	2
21	Sat. 14	4 ·00	26 ·54	4	20	Mon. 13	4 ·82	2 ·02	2	19	Fri. 12	5 ·61	8 ·54	3
		5 ·90						3 ·97		20	Sat. 13	6 ·63	9 ·59	4
22	Sun. 15	6 ·80	27 ·47	5	21	Tues. 14	5 ·74	4 ·92	3	21	Sun. 14	7 ·66	10 ·64	5
23	Mon. 16	7 ·70	1 ·40	6	22	Wed. 15	6 ·68	5 ·89	4	22	Mon. 15	8 ·70	11 ·72	6
24	Tues. 17	8 ·61	2 ·35	7	23	Thur. 16	7 ·62	6 ·88	5	23	Tues. 16	9 ·76	12 ·81	7
25	Wed. 18	9 ·54	3 ·30	8	24	Fri. 17	8 ·59	7 ·89	6	24	Wed. 17	10 ·84	13 ·91	8
26	Thur. 19	10 ·48	4 ·26	9	25	Sat. 18	9 ·58	8 ·91	7	25	Thur. 18	11 ·93	... ...	9
27	Fri. 20	11 ·43	5 ·24	10	26	Sun. 19	10 ·59	9 ·96	8	26	Fri. 19	... ...	14 ·02	10
28	Sat. 21	12 ·40	6 ·23	11	27	Mon. 20	11 ·63	... ...	9	27	Sat. 20	12 ·01	15 ·13	11
29	Sun. 22	13 ·40	7 ·25	12	28	Tues. 21	12 ·68	10 ·02	10	28	Sun. 21	13 ·09	16 ·23	12
1	Mon. 23	14 ·41	8 ·29	13	29	Wed. 22	13 ·75	11 ·11	11	29	Mon. 22	14 ·15	17 ·31	13
2	Tues. 24	P ·44	9 ·34	14	30	Thur. 23	14 ·82	12 ·21	12	30	Tues. 23	P ·19	18 ·38	14
3	Wed. 25	1 ·49	10 ·41	15	1	Fri. ○ 24	P ·89	13 ·32	13	31	Wed. 24	1 ·21	19 ·42	15
4	Thur. 26	2 ·56	11 ·50	16	2	Sat. 25	1 ·98	14 ·42	14	32	Thur. 25	2 ·21	20 ·45	16
5	Fri. 27	3 ·64	12 ·60	17	3	Sun. 26	... ...	15 ·52	15	1	Fri. 26	3 ·20	21 ·46	17
6	Sat. 28	4 ·73	13 ·72	18	4	Mon. 27	2 ·06	16 ·62	16	2	Sat. 27	4 ·16	22 ·44	18
7	Sun. 29	5 ·82	14 ·83	19	5	Tues. 28	3 ·13	17 ·70	17	3	Sun. 28	5 ·10	23 ·41	19
8	Mon. 30	6 ·90	15 ·92	20	6	Wed. 29	4 ·17	18 ·75	18	4	Mon. 29	6 ·03	24 ·36	20
9	Tues. 31	7 ·97	... ...	21	7	Thur. 30	5 ·20	19 ·79	19			7 ·94		
					8	Fri. 31	6 ·20	20 ·80	20	5	Tues. 30	8 ·85	25 ·31	21
	Feb.					**April.**				6	Wed. 31	9 ·75	26 ·25	22
10	Wed. 1	... ...	16 ·01	22	9	Sat. 1	7 ·19	21 ·81	21		**June.**			
11	Thur. 2	8 ·02	17 ·07	23	10	Sun. 2	8 ·15	22 ·78	22	7	Thur. 1	10 ·65	27 ·18	23
12	Fri. 3	9 ·04	18 ·18	24	11	Mon. 3	9 ·09	23 ·74	23	8	Fri. 2	11 ·54	1 ·10	24
13	Sat. 4	10 ·05	19 ·15	25						9	Sat. 3	12 ·44	2 ·03	25
14	Sun. 5	11 ·03	20 ·16	26	12	Tues. 4	10 ·02	24 ·69	24				3 ·98	
15	Mon. 6	12 ·00	21 ·14	27	13	Wed. 5	11 ·94	25 ·63	25	10	Sun. 4	13 ·35	4 ·93	26
		13 ·95			14	Thur. 6	12 ·85	26 ·56	26	11	Mon. 5	14 ·27	5 ·89	27
16	Tues. 7	14 ·88	22 ·11	28	15	Fri. 7	13 ·75	27 ·50	27	12	Tues. 6	A ·20	6 ·86	28
17	Wed. 8	A ·80	23 ·07	29	16	Sat. 8	14 ·65	1 ·43	28	13	Wed. 7	1 ·15	7 ·85	29
18	Thur. 9	1 ·71	24 ·01	30	17	Sun. 9	A ·54	2 ·36	29	14	Thur. 8	2 ·11	8 ·87	30
			25 ·95		18	Mon. 10	1 ·44	3 ·30	30	15	Fri. 9	3 ·09	9 ·90	1
19	Fri. 10	2 ·61	26 ·88	1	19	Tues. 11	2 ·36	4 ·25	1	16	Sat. 10	4 ·11	10 ·95	2
20	Sat. 11	3 ·51	27 ·81	2	20	Wed. 12	3 ·28	5 ·23	2	17	Sun. 11	5 ·13	... ...	3
21	Sun. 12	4 ·42	1 ·75	3	21	Thur. 13	4 ·21	6 ·23	3	18	Mon. 12	6 ·18	11 ·02	4
22	Mon. 13	5 ·33	2 ·69	4	22	Fri. 14	5 ·16	7 ·21	4	19	Tues. 13	7 ·25	12 ·11	5
23	Tues. 14	6 ·24	3 ·63	5	23	Sat. 15	6 ·18	8 ·23	5	20	Wed. 14	8 ·38	13 ·21	6
24	Wed. 15	7 ·16	4 ·59	6	24	Sun. 16	7 ·11	9 ·27	6	21	Thur. 15	9 ·41	14 ·33	7
25	Thur. 16	8 ·09	5 ·56	7	25	Mon. 17	8 ·13	10 ·34	7	22	Fri. 16	10 ·49	15 ·43	8
26	Fri. 17	9 ·04	6 ·55	8	26	Tues. 18	9 ·16	11 ·42	8	23	Sat. 17	11 ·57	16 ·53	9
27	Sat. 18	10 ·01	7 ·57	9	27	Wed. 19	10 ·21	12 ·51	9	24	Sun. 18	12 ·63	17 ·62	10
28	Sun. 19	11 ·01	8 ·60	10	28	Thur. 20	11 ·27	13 ·61	10	25	Mon. 19	13 ·67	18 ·69	11
29	Mon. 20	12 ·02	9 ·65	11	29	Fri. 21	12 ·34	14 ·72	11	26	Tues. 20	14 ·69	19 ·74	12
30	Tues. 21	13 ·06	10 ·76	12	30	Sat. 22	13 ·43	15 ·83	12	27	Wed. 21	P ·69	20 ·77	13
1	Wed. 22	14 ·11	11 ·80	13	31	Sun. 23	14 ·52	16 ·93	13	28	Thur. 22	1 ·67	21 ·79	14
2	Thur. 23	P ·17	12 ·91	14	1	Mon. 24	P ·60	... ...	14	29	Fri. 23	2 ·64	22 ·77	15
3	Fri. 24	1 ·25	... ...	15	2	Tues. 25	1 ·65	17 ·01	15	30	Sat. 24	3 ·58	23 ·74	16
4	Sat. 25	2 ·33	13 ·02	16	3	Wed. 26	2 ·69	18 ·07	16	31	Sun. 25	4 ·50	24 ·70	17
5	Sun. 26	3 ·42	14 ·13	17	4	Thur. 27	3 ·72	19 ·10	17	1	Mon. 26	5 ·42	25 ·65	18
6	Mon. 27	4 ·50	15 ·23	18	5	Fri. 28	4 ·72	20 ·13	18	2	Tues. 27	6 ·32	26 ·58	19
7	Tues. 28	5 ·57	16 ·31	19	6	Sat. 29	5 ·70	21 ·13	19	3	Wed. 28	7 ·22	27 ·51	20
					7	Sun. 30	6 ·66	22 ·11	20	4	Thur. 29	8 ·12	1 ·44	21
							7 ·61			5	Fri. 30	9 ·02	2 ·38	22
												10 ·92		

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1122. **Kollam 298,** { **N. Malabar—Aug.** **Hijra 516.** **Vikrama 1179.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **March 12.** **Bengal San. 528.**
P—Paurnimā. **(N. Cycle) Viśvāvasu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	11 ·82	3 ·32	23	5	Fri. 1	14 ·64	11 ·95	26	6	Wed. 1	—**A** ·20	16 ·04	28
7	Sun. 2	12 ·74	4 ·26	24	6	Sat. 2	—**A** ·69	... ...	27	7	Thur. 2	1 ·28	17 ·14	—29
8	Mon. 3	13 ·68	5 ·22	25	7	Sun. 3	1 ·76	12 ·03	28	8	Fri. 3	2 ·34	18 ·23	1
9	Tues. 4	14 ·62	6 ·19	26	8	Mon. 4	2 ·84	13 ·12	—29	9	Sat. 4	3 ·39	19 ·30	2
10	Wed. 5	—**A** ·59	7 ·17	27	9	Tues. 5	3 ·93	14 ·22	1	10	Sun. 5	4 ·41	20 ·36	3
11	Thur. 6	1 ·58	8 ·19	28	10	Wed. 6	... ...	15 ·33	2	11	Mon. 6	5 ·43	21 ·29	4
12	Fri. 7	2 ·58	9 ·21	—29	11	Thur. 7	4 ·01	16 ·44	3	12	Tues. 7	6 ·41	22 ·40	5
13	Sat. 8	3 ·62	10 ·26	1	12	Fri. 8	5 ·08	17 ·54	4	13	Wed. 8	7 ·37	23 ·39	6
14	Sun. 9	4 ·67	11 ·33	2	13	Sat. 9	6 ·14	18 ·62	5	14	Thur. 9	8 ·32	24 ·36	7
15	Mon. 10	5 ·73	12 ·41	3	14	Sun. 10	7 ·19	19 ·68	6	15	Fri. 10	9 ·25	25 ·33	8
16	Tues. 11	6 ·81	13 ·52	4	15	Mon. 11	8 ·22	20 ·72	7	16	Sat. 11	10 ·18	26 ·28	9
17	Wed. 12	7 ·89	14 ·62	5	16	Tues. 12	9 ·22	21 ·75	8	17	Sun. 12	11 ·09	27 ·22	10
18	Thur. 13	8 ·98	15 ·73	6	17	Wed. 13	10 ·21	22 ·75	9			12 ·99		
19	Fri. 14	... ...	16 ·83	7	18	Thur. 14	11 ·17	23 ·74	10	18	Mon. 13	13 ·89	1 ·15	11
20	Sat. 15	9 ·05	17 ·92	8	19	Fri. 15	12 ·12	24 ·70	11	19	Tues. 14	14 ·80	2 ·07	12
21	Sun. 16	10 ·11	... ...	9	20	Sat. 16	13 ·05	25 ·65	12	20	Wed. 15	**P** ·70	3 ·01	13
22	Mon. 17	11 ·15	18 ·00	10			14 ·96						4 ·95	
23	Tues. 18	12 ·17	19 ·06	11	21	Sun. ○ 17	**P** ·87	26 ·60	13	21	Thur. 16	1 ·61	5 ·89	14
24	Wed. 19	13 ·18	20 ·09	12	22	Mon. 18	1 ·77	27 ·54	14	22	Fri. 17	2 ·53	6 ·84	15
25	Thur. 20	14 ·15	21 ·10	13	23	Tues. 19	2 ·67	1 ·47	15	23	Sat. 18	3 ·47	7 ·81	16
26	Fri. 21	**P** ·12	22 ·09	14	24	Wed. 20	3 ·57	2 ·40	16	24	Sun. 19	4 ·43	8 ·80	17
27	Sat. 22	1 ·07	23 ·08	15	25	Thur. 21	4 ·48	3 ·33	17	25	Mon. 20	5 ·40	9 ·81	18
28	Sun. 23	2 ·00	24 ·04	16	26	Fri. 22	5 ·39	4 ·27	18	26	Tues. 21	6 ·40	10 ·83	19
		3 ·91	25 ·98		27	Sat. 23	6 ·31	5 ·22	19	27	Wed. 22	7 ·41	11 ·87	20
29	Mon. 24	4 ·81	26 ·92	17	28	Sun. 24	7 ·25	6 ·18	20	28	Thur. 23	8 ·44	12 ·94	21
30	Tues. 25	5 ·71	27 ·85	18	29	Mon. 25	8 ·20	7 ·16	21	29	Fri. 24	9 ·50	... ..	22
31	Wed. 26	6 ·61	1 ·79	19	—30	Tues. 26	9 ·18	8 ·15	22	—30	Sat. 25	10 ·57	13 ·02	23
—32	Thur. 27	7 ·51	2 ·72	20	1	Wed. 27	10 ·16	9 ·16	23	1	Sun. 26	11 ·65	14 ·13	24
1	Fri. 28	8 ·41	3 ·65	21	2	Thur. 28	11 ·18	10 ·20	24	2	Mon. 27	12 ·74	15 ·28	25
2	Sat. 29	9 ·32	4 ·60	22	3	Fri. 29	12 ·21	11 ·26	25	3	Tues. 28	13 ·83	16 ·34	26
3	Sun. 30	10 ·24	5 ·55	23	4	Sat. 30	13 ·27	12 ·33	26	4	Wed. 29	14 ·91	17 ·44	27
4	Mon. 31	11 ·18	6 ·51	24						5	Thur. 30	—**A** ·97	18 ·53	28
	Aug.					**Oct.**					**Dec.**			
5	Tues. 1	12 ·12	7 ·51	25	5	Sun. 1	14 ·33	13 ·42	27	6	Fri. 1	... ...	19 ·62	29
6	Wed. 2	13 ·08	8 ·51	26	6	Mon. 2	—**A** ·41	14 ·52	28	7	Sat. 2	1 ·03	20 ·67	—30
7	Thur. 3	14 ·07	9 ·53	27	7	Tues. 3	1 ·50	15 ·64	29	8	Sun. 3	2 ·05	21 ·71	1
8	Fri. 4	—**A** ·08	10 ·57	28	8	Wed. 4	2 ·59	16 ·74	—30	9	Mon. 4	3 ·06	22 ·72	2
9	Sat. 5	1 ·12	11 ·63	29	9	Thur. 5	3 ·67	17 ·84	1	10	Tues. 5	4 ·04	23 ·72	3
10	Sun. 6	2 ·17	12 ·72	—30	10	Fri. 6	4 ·73	18 ·92	2	11	Wed. 6	5 ·01	24 ·70	4
11	Mon. 7	3 ·23	13 ·82	1	11	Sat. 7	5 ·78	19 ·99	3			6 ·96		
12	Tues. 8	4 ·31	14 ·92	2	12	Sun. 8	6 ·80	... ...	4	12	Thur. 7	7 ·89	25 ·66	5
13	Wed. 9	5 ·35	... ...	3	13	Mon. 9	7 ·80	20 ·04	5	13	Fri. 8	8 ·82	26 ·61	6
14	Thur. 10	6 ·48	15 ·03	4	14	Tues. 10	8 ·79	21 ·07	6	14	Sat. 9	9 ·73	27 ·55	7
15	Fri. 11	7 ·55	16 ·13	5	15	Wed. 11	9 ·75	22 ·08	7	15	Sun. 10	10 ·63	1 ·48	8
16	Sat. 12	8 ·61	17 ·23	6	16	Thur. 12	10 ·70	23 ·06	8	16	Mon. 11	11 ·53	2 ·42	9
17	Sun. 13	9 ·65	18 ·38	7	17	Fri. 13	11 ·64	24 ·03	9	17	Tues. 12	12 ·44	3 ·35	10
18	Mon. 14	10 ·68	19 ·37	8				25 ·99		18	Wed. 13	13 ·34	4 ·29	11
19	Tues. 15	11 ·68	20 ·41	9	18	Sat. 14	12 ·56	26 ·94	10	19	Thur. 14	14 ·26	5 ·23	12
20	Wed. 16	12 ·66	21 ·42	10	19	Sun. 15	13 ·46	27 ·88	11	20	Fri. 15	**P** ·18	6 ·18	13
21	Thur. 17	13 ·63	22 ·43	11	20	Mon. 16	14 ·36	1 ·81	12	21	Sat. 16	1 ·11	7 ·14	14
22	Fri. 18	14 ·58	23 ·41	12	21	Tues. 17	**P** ·26	2 ·74	13	22	Sun. 17	2 ·07	8 ·13	15
23	Sat. 19	**P** ·51	24 ·37	13	22	Wed. 18	1 ·16	3 ·67	14	23	Mon. 18	3 ·05	9 ·13	16
24	Sun. 20	1 ·42	25 ·32	14	23	Thur. 19	2 ·07	4 ·61	15	24	Tues. 19	4 ·04	10 ·15	17
25	Mon. 21	2 ·32	26 ·26	15			3 ·99			25	Wed. 20	5 ·05	11 ·18	18
26	Tues. 22	3 ·22	27 ·19	16	24	Fri. 20	4 ·91	5 ·56	16	26	Thur. 21	6 ·10	12 ·25	19
27	Wed. 23	4 ·12	1 ·13	17	25	Sat. 21	5 ·84	6 ·51	17	27	Fri. 22	7 ·15	13 ·33	20
28	Thur. 24	5 ·02	2 ·06	18	26	Sun. 22	6 ·80	7 ·48	18	28	Sat. 23	8 ·22	14 ·42	21
		6 ·92	3 ·99		27	Mon. 23	7 ·78	8 ·47	19	—29	Sun. 24	9 ·30	15 ·53	22
29	Fri. 25	7 ·83	4 ·93	19	28	Tues. 24	8 ·76	9 ·49	20	1	Mon. 25	10 ·39	16 ·64	23
30	Sat. 26	8 ·75	5 ·88	20	29	Wed. 25	9 ·78	10 ·52	21	2	Tues. 26	11 ·48	17 ·74	24
—31	Sun. 27	9 ·69	6 ·85	21	—30	Thur. 26	10 ·81	11 ·56	22	3	Wed. 27	12 ·56	18 ·84	25
1	Mon. 28	10 ·64	7 ·83	22	1	Fri. 27	11 ·87	12 ·63	23	4	Thur. 28	13 ·63	19 ·92	26
2	Tues. 29	11 ·62	8 ·83	23	2	Sat. 28	12 ·94	13 ·72	24	5	Fri. 29	14 ·67	20 ·98	27
3	Wed. 30	12 ·60	9 ·84	24	3	Sun. 29	... ...	14 ·82	25	6	Sat. 30	—**A** ·70	... ...	28
4	Thur. 31	13 ·61	10 ·88	25	4	Mon. 30	13 ·02	15 ·93	26	7	Sun. 31	1 ·71	21 ·02	—29
					5	Tues. 31	14 ·11	... ...	27					

Śubhakṛit. **Karkaṭaka—Ādi.** *Sukla.* *Śrāvana.* *Bahula.* *Śubhakṛit.* **Siṁha—Āvaṇi.** *Sukla.* *Bhādrapada.* *Bahula.* *Śubhakṛit.* **Kanyā—Puraṭṭāśi.** *Sukla.* *Āśvina.* *Bahula.* *Śubhakṛit.* **Tula—Aippaśi.** *Sukla.* *Kārttika.* *Bahula.* *Śubhakṛit.* **Vṛiśchika—Kārttigai.** *Sukla.* *Mārgaśīrsha.* *Bahula.* *Śubhakṛit.* **Dhanus—Mārgali.** *Sukla.* *Pausha.* *Bahula.*

Śaka 1043 *Jamāda'l awwal.* *H.* 516 *Jamāda'l ākhir.* *H.* 516 *Rajab.* *H.* 516 *Sha'bān.* *H.* 516 *Ramazān.* *H.* 516 *Shawwāl.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1123. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·57.** **Śaka 1045.** **Kaliyuga 4224.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·52.** (S. Cycle) **Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Mon.	1	2 ·66	22 ·04	1	8	Thur.	1	2 ·69	27 ·57	1	8	Tues.	1	4 ·18	7 ·81	3
9	Tues.	2	3 ·66	23 ·05	2	9	Fri.	2	3 ·59	1 ·51	2	9	Wed.	2	5 ·10	8 ·78	4
10	Wed.	3	4 ·61	24 ·03	3	10	Sat.	3	4 ·50	2 ·44	3				6 ·03		
				25 ·00 }		11	Sun.	4	5 ·40	3 ·37	4	10	Thur.	3	7 ·98	9 ·75	5
11	Thur.	4	5 ·54	26 ·95 }	4	12	Mon.	5	6 ·30	4 ·30	5	11	Fri.	4	8 ·95	10 ·75	6
12	Fri.	5	6 ·46	27 ·89	5	13	Tues.	6	7 ·21	5 ·24	6	12	Sat.	5	9 ·94	11 ·76	7
13	Sat.	6	7 ·37	1 ·83	6	14	Wed.	7	8 ·12	6 ·19	7	13	Sun.	6	10 ·95	12 ·80	8
14	Sun.	7	8 ·28	2 ·76	7				9 ·04			14	Mon.	7	11 ·98	13 ·86	9
15	Mon.	8	9 ·18	3 ·69	8	15	Thur.	8	10 ·97	7 ·14	8	15	Tues.	8	:: ·:	14 ·94	10
			10 ·08			16	Fri.	9	11 ·92	8 ·11	9	16	Wed.	9	12 ·03	... ·.	11
16	Tues.	9	11 ·99	4 ·62	9	17	Sat.	10	12 ·90	9 ·09	10	17	Thur.	10	13 ·10	15 ·03	12
17	Wed.	10	12 ·90	5 ·56	10	18	Sun.	11	13 ·88	10 ·11	11	18	Fri.	11	14 ·18	16 ·13	13
18	Thur.	11	13 ·82	6 ·49	11	19	Mon.	12	14 ·90	11 ·13	12	19	Sat.	12	P ·26	17 ·24	14
19	Fri.	12	14 ·76	7 ·48	12	20	Tues.	13	P ·93	12 ·18	13	20	Sun.	13	1 ·34	18 ·34	15
20	Sat.	13	P ·72	8 ·45	13	21	Wed.	14	1 ·99	13 ·24	14	21	Mon.	14	2 ·41	19 ·45	16
21	Sun.	14	1 ·70	9 ·45	14	22	Thur.	15	... ...	14 ·33	15	22	Tues.	15	3 ·47	20 ·53	17
22	Mon.	15	2 ·68	10 ·46	15	23	Fri.	16	2 ·06	15 ·43	16	23	Wed.	16	4 ·51	21 ·60	18
23	Tues.	16	3 ·69	11 ·50	16	24	Sat.	17	3 ·14	16 ·54	17	24	Thur.	17	5 ·53	22 ·64	19
24	Wed.	17	4 ·73	12 ·56	17	25	Sun.	18	4 ·22	17 ·64	18	25	Fri.	18	6 ·54	23 ·66	20
25	Thur.	18	5 ·79	13 ·63	18	26	Mon.	19	5 ·31	18 ·75	19	26	Sat.	19	7 ·51	24 ·67	21
26	Fri.	19	6 ·86	14 ·72	19	27	Tues.	20	6 ·39	19 ·84	20	27	Sun.	20	8 ·48	25 ·66	22
27	Sat.	20	7 ·94	15 ·83	20	28	Wed.	21	7 ·45	20 ·91	21	28	Mon.	21	9 ·42	26 ·63	23
28	Sun.	21	:: ·:	16 ·93	21	29	Thur.	22	8 ·49	21 ·97	22	29	Tues.	22	10 ·35	27 ·58	24
—29	Mon.	22	8 ·03	... ·.	22	30	Fri.	23	9 ·51	... ...	23	30	Wed.	23	11 ·26	1 ·52	25
1	Tues.	23	9 ·12	17 ·05	23	—31	Sat.	24	10 ·52	22 ·01	24	31	Thur.	24	12 ·17	2 ·46	26
2	Wed.	24	10 ·19	18 ·14	24	1	Sun.	25	11 ·49	23 ·02	25				13 ·06		
3	Thur.	25	11 ·26	19 ·23	25					24 ·01 }		—32	Fri.	25	14 ·96	3 ·39	27
4	Fri.	26	12 ·30	20 ·29	26	2	Mon.	26	12 ·45	25 ·09 }	26	1	Sat.	26	—A ·85	4 ·32	28
5	Sat.	27	13 ·33	21 ·34	27	3	Tues.	27	13 ·39	26 ·95	27	2	Sun.	27	1 ·75	5 ·25	29
6	Sun.	28	14 ·34	22 ·36	28	4	Wed.	28	14 ·32	27 ·01	28	3	Mon.	28	2 ·66	6 ·19	—30
7	Mon.	29	—A ·33	23 ·37	29	5	Thur.	29	—A ·24	1 ·85	29	4	Tues.	29	3 ·58	7 ·14	1
8	Tues.	30	1 ·29	24 ·36	—30	6	Fri.	30	1 ·15	2 ·78	—30	5	Wed.	30	4 ·52	8 ·11	2
9	Wed.	31	2 ·23	25 ·33	1				2 ·06			6	Thur.	31	5 ·47	9 ·08	3
						7	Sat.	31	3 ·96	3 ·71	1						
	Feb.						**April.**						**June.**				
10	Thur.	1	3 ·17	26 ·28	2	8	Sun.	1	4 ·86	4 ·65	2	7	Fri.	1	6 ·44	10 ·07	4
11	Fri.	2	4 ·09	27 ·23	3	9	Mon.	2	5 ·76	5 ·58	3	8	Sat.	2	7 ·42	11 ·08	5
			5 ·00			10	Tues.	3	6 ·67	6 ·52	4	9	Sun.	3	8 ·43	12 ·11	6
12	Sat.	3	6 ·90	1 ·17	4	11	Wed.	4	7 ·59	7 ·47	5	10	Mon.	4	9 ·47	13 ·17	7
13	Sun.	4	7 ·80	2 ·13	5	12	Thur.	5	8 ·52	8 ·44	6	11	Tues.	5	10 ·52	14 ·24	8
				3 ·03 }		13	Fri.	6	9 ·47	9 ·43	7	12	Wed.	6	11 ·59	15 ·33	9
14	Mon.	5	8 ·70	4 ·96 }	6	14	Sat.	7	10 ·44	10 ·43	8	13	Thur.	7	12 ·66	16 ·43	10
15	Tues.	6	9 ·61	5 ·90	7	15	Sun.	8	11 ·43	11 ·45	9	14	Fri.	8	13 ·75	17 ·54	11
16	Wed.	7	10 ·52	6 ·85	8	16	Mon.	9	12 ·44	12 ·49	10	15	Sat.	9	14 ·83	18 ·65	12
17	Thur.	8	11 ·44	7 ·81	9	17	Tues.	10	13 ·47	13 ·55	11	16	Sun.	10	P ·90	19 ·75	13
18	Fri.	9	12 ·38	8 ·78	10	18	Wed.	11	14 ·53	14 ·64	12	17	Mon.	11	1 ·95	20 ·84	14
19	Sat.	10	13 ·33	9 ·77	11	19	Thur.	12	P ·60	15 ·78	13	18	Tues.	12	2 ·99	21 ·91	15
20	Sun.	11	14 ·31	10 ·78	12	20	Fri.	13	1 ·67	16 ·84	14	19	Wed.	13	... ...	22 ·95	16
21	Mon.	12	P ·30	11 ·82	13	21	Sat.	14	2 ·75	17 ·94	15	20	Thur.	14	3 ·02	23 ·99	17
22	Tues.	13	1 ·32	12 ·87	14	22	Sun.	15	3 ·84	... ...	16	21	Fri.	15	4 ·02	... ...	18
23	Wed.	14	2 ·35	13 ·94	15	23	Mon.	16	4 ·92	18 ·05	17				5 ·00		
24	Thur.	15	3 ·40	... ...	16	24	Tues.	17	5 ·97	19 ·14	18	22	Sat.	16	6 ·96	24 ·00 } 25 ·99 }	19
25	Fri.	16	4 ·47	14 ·03	17	25	Wed.	18	... ...	20 ·23	19	23	Sun.	17	7 ·90	26 ·96	20
26	Sat.	17	5 ·55	15 ·12	18	26	Thur.	19	6 ·01	21 ·29	20	24	Mon.	18	8 ·82	27 ·91	21
27	Sun.	18	6 ·64	16 ·24	19	27	Fri.	20	7 ·03	22 ·32	21	25	Tues.	19	9 ·73	1 ·87	22
28	Mon.	19	7 ·78	17 ·35	20	28	Sat.	21	8 ·04	23 ·34	22	26	Wed.	20	10 ·64	2 ·80	23
29	Tues.	20	8 ·81	18 ·45	21				9 ·02			27	Thur.	21	11 ·54	3 ·73	24
—30	Wed.	21	9 ·87	19 ·53	22	29	Sun.	22	10 ·99	24 ·34	23	28	Fri.	22	12 ·44	4 ·66	25
1	Thur.	22	10 ·91	20 ·60	23	—30	Mon.	23	11 ·93	25 ·33	24	29	Sat.	23	13 ·33	5 ·59	26
2	Fri.	23	11 ·94	21 ·66	24	1	Tues.	24	12 ·85	26 ·29	25	30	Sun.	24	14 ·23	6 ·53	27
3	Sat.	24	12 ·94	22 ·69	25	2	Wed.	25	13 ·76	27 ·24	26	—31	Mon.	25	—A ·14	7 ·48	28
4	Sun.	25	13 ·93	23 ·70	26	3	Thur.	26	14 ·67	1 ·18	27	1	Tues.	26	1 ·06	8 ·44	—29
5	Mon.	26	14 ·89	24 ·69	27	4	Fri.	27	—A ·57	2 ·12	28	2	Wed.	27	2 ·00	9 ·41	1
6	Tues.	27	—A ·84	25 ·66	28	5	Sat.	28	1 ·47	3 ·06 } 4 ·99 }	—29	3	Thur.	28	3 ·95 4 ·92	10 ·39	2
7	Wed.	28	1 ·77	26 ·62	—29	6	Sun.	29	2 ·37	5 ·92	1	4	Fri.	29	5 ·90	11 ·40	3
						7	Mon.	30	3 ·27	6 ·86	2	5	Sat.	30	6 ·91	12 ·43	4

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1123. **Kollam 299,** { **N. Malabar—Aug.** **Hijra 517.** **Vikrama 1180.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **March 1.** **Bengal San. 529.**
P—Paurnimā. **(N. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	7 ·94	13 ·48	5	5	Sat.	1	9 ·41	20 ·76	8	6	Thur.	1	11 ·66	26 ·58	10
7	Mon.	2	8 ·99	14 ·55	6	6	Sun.	2	10 ·46	21 ·84	9	7	Fri.	2	12 ·60	27 ·58	11
8	Tues.	3	... ...	15 ·63	7	7	Mon.	3	11 ·50	22 ·90	10	8	Sat.	3	13 ·53	1 ·54	12
9	Wed.	4	9 ·06	16 ·73	8	8	Tues.	4	12 ·52	23 ·94	11	9	Sun.	4	14 ·45	2 ·50	13
10	Thur.	5	10 ·14	17 ·85	9	9	Wed.	5	13 ·53	24 ·96	12	10	Mon.	5	P ·36	3 ·43	14
11	Fri.	6	11 ·23	18 ·95	10	10	Thur.	6	14 ·51	25 ·97	13	11	Tues.	6	1 ·27	4 ·37	15
12	Sat.	7	12 ·31	... ...	11	11	Fri.	7	P ·48	26 ·96	14	12	Wed.	7	2 ·18	5 ·29	16
13	Sun.	8	13 ·38	19 ·05	12	12	Sat.	8	1 ·42	27 ·92	15	13	Thur.	8	3 ·07	6 ·22	17
14	Mon.	9	14 ·44	20 ·14	13	13	Sun.	9	2 ·34	1 ·87	16				4 ·98		
15	Tues.	10	P ·47	21 ·21	14	14	Mon.	10	3 ·26	2 ·81	17	14	Fri.	9	5 ·90	7 ·17	18
16	Wed.	11	1 ·50	22 ·28	15	15	Tues.	11	4 ·17	3 ·75	18	15	Sat.	10	6 ·82	8 ·11	19
17	Thur.	12	2 ·49	23 ·31	16				5 ·07			16	Sun.	11	7 ·76	9 ·06	20
18	Fri.	13	3 ·48	24 ·32	17	16	Wed.	12	6 ·97	4 ·69	19	17	Mon.	12	8 ·72	10 ·04	21
19	Sat.	14	4 ·44	25 ·31	18	17	Thur.	13	7 ·87	5 ·62	20	18	Tues.	13	9 ·70	11 ·01	22
20	Sun.	15	5 ·38	26 ·29	19	18	Fri.	14	8 ·77	6 ·55	21	19	Wed.	14	10 ·69	12 ·03	23
21	Mon.	16	6 ·30	27 ·25	20	19	Sat.	15	9 ·68	7 ·49	22	20	Thur.	15	11 ·70	13 ·05	24
22	Tues.	17	7 ·21	1 ·20	21	20	Sun.	16	10 ·61	8 ·43	23	21	Fri.	16	12 ·74	14 ·09	25
23	Wed.	18	8 ·11	2 ·14	22	21	Mon.	17	11 ·54	9 ·40	24	22	Sat.	17	13 ·80	15 ·16	26
			9 ·01			22	Tues.	18	12 ·50	10 ·38	25	23	Sun.	18	14 ·87	16 ·24	27
24	Thur.	19	10 ·91	3 ·07	23	23	Wed.	19	13 ·47	11 ·37	26	24	Mon.	19	—A ·95	17 ·34	28
				4 ·00		24	Thur.	20	14 ·46	12 ·38	27	25	Tues.	20	.. ...	18 ·45	29
25	Fri.	20	11 ·81	5 ·94	24	25	Fri.	21	—A ·47	13 ·41	28	26	Wed.	21	1 ·05	19 ·56	—30
26	Sat.	21	12 ·72	6 ·87	25	26	Sat.	22	1 ·51	14 ·48	29	27	Thur.	22	2 ·13	20 ·66	1
27	Sun.	22	13 ·63	7 ·82	26	27	Sun.	23	2 ·57	15 ·65	—30	28	Fri.	23	3 ·20	21 ·75	2
28	Mon.	23	14 ·55	8 ·77	27	28	Mon.	24	3 ·64	16 ·64	1	29	Sat.	24	4 ·27	22 ·83	3
29	Tues.	24	—A ·48	9 ·73	28	29	Tues.	25	4 ·72	17 ·74	2	—30	Sun.	25	5 ·32	23 ·89	4
30	Wed.	25	1 ·43	10 ·72	29	—30	Wed.	26	5 ·81	18 ·85	3	1	Mon.	26	6 ·35	24 ·92	5
31	Thur.	26	2 ·41	11 ·73	—30	1	Thur.	27	6 ·90	19 ·96	4	2	Tues.	27	7 ·34	25 ·94	6
—32	Fri.	27	3 ·39	12 ·75	1	2	Fri.	28	7 ·97	... ...	5	3	Wed.	28	8 ·33	26 ·94	7
1	Sat.	28	4 ·40	13 ·79	2	3	Sat.	29	... ...	20 ·06	6	4	Thur.	29	9 ·30	27 ·91	8
2	Sun.	29	5 ·43	14 ·85	3	4	Sun.	30	8 ·04	21 ·14	7	5	Fri.	30	10 ·24	1 ·88	9
3	Mon.	30	6 ·49	15 ·93	4												
4	Tues.	31	7 ·58	... ...	5												
	Aug.						**Oct.**						**Dec.**				
5	Wed.	1	8 ·64	16 ·04	6	5	Mon.	1	9 ·08	22 ·21	8	6	Sat.	1	11 ·17	2 ·83	10
6	Thur.	2	9 ·72	17 ·14	7	6	Tues.	2	10 ·09	23 ·26	9	7	Sun.	2	12 ·09	3 ·77	11
7	Fri.	3	10 ·80	18 ·25	8	7	Wed.	3	11 ·10	24 ·28	10	8	Mon.	3	13 ·00	4 ·70	12
8	Sat.	4	11 ·88	19 ·35	9	8	Thur.	4	12 ·08	25 ·30	11				14 ·90		
9	Sun.	5	12 ·94	20 ·44	10	9	Fri.	5	13 ·05	26 ·28	12	9	Tues.	4	P ·80	5 ·63	13
10	Mon.	6	13 ·98	21 ·53	11	10	Sat.	6	14 ·00	27 ·25	13	10	Wed.	5	1 ·71	6 ·57	14
11	Tues.	7	14 ·99	22 ·59	12				P ·93			11	Thur.	6	2 ·62	7 ·51	15
12	Wed.	8	P ·99	23 ·63	13	11	Sun.	7	1 ·84	1 ·21	14	12	Fri.	7	3 ·53	8 ·45	16
13	Thur.	9	1 ·98	24 ·64	14	12	Mon.	8	2 ·75	2 ·15	15	13	Sat.	8	4 ·46	9 ·40	17
14	Fri.	10	2 ·95	25 ·64	15	13	Tues.	9	3 ·65	3 ·10	16	14	Sun.	9	5 ·40	10 ·36	18
15	Sat.	11	3 ·89	26 ·63	16	14	Wed.	10	4 ·55	4 ·03	17	15	Mon.	10	6 ·35	11 ·35	19
16	Sun.	12	4 ·81	27 ·59	17					5 ·96		16	Tues.	11	7 ·34	12 ·35	20
17	Mon.	13	5 ·72	1 ·54	18	15	Thur.	11	5 ·45	6 ·89	18	17	Wed.	12	8 ·34	13 ·37	21
18	Tues.	14	6 ·63	2 ·48	19	16	Fri.	12	6 ·35	7 ·82	19	18	Thur.	13	9 ·35	14 ·40	22
19	Wed.	15	7 ·53	3 ·41	20	17	Sat.	13	7 ·27	8 ·78	20	19	Fri.	14	10 ·39	15 ·46	23
20	Thur.	16	8 ·43	4 ·35	21	18	Sun.	14	8 ·20	9 ·73	21	20	Sat.	15	11 ·45	16 ·54	24
21	Fri.	17	9 ·33	5 ·28	22	19	Mon.	15	9 ·14	10 ·70	22	21	Sun.	16	12 ·51	17 ·65	25
22	Sat.	18	10 ·23	6 ·21	23	20	Tues.	16	10 ·09	11 ·69	23	22	Mon.	17	13 ·59	18 ·75	26
23	Sun.	19	11 ·14	7 ·15	24	21	Wed.	17	11 ·06	12 ·70	24	23	Tues.	18	14 ·69	19 ·86	27
			12 ·06			22	Thur.	18	12 ·06	13 ·74	25	24	Wed.	19	—A ·77	20 ·96	28
24	Mon.	20	13 ·99	8 ·10	25	23	Fri.	19	13 ·08	14 ·79	26	25	Thur.	20	1 ·85	...	—29
25	Tues.	21	14 ·95	9 ·06	26	24	Sat.	20	14 ·12	15 ·85	27	26	Fri.	21	2 ·92	21 ·05	1
26	Wed.	22	—A ·92	10 ·05	27	25	Sun.	21	—A ·17	16 ·94	28	27	Sat.	22	3 ·97	22 ·14	2
27	Thur.	23	1 ·90	11 ·05	28	26	Mon.	22	1 ·24	... ...	—29	28	Sun.	23	4 ·99	23 ·20	3
28	Fri.	24	2 ·92	12 ·06	—29	27	Tues.	23	2 ·32	17 ·04	1	29	Mon.	24	5 ·99	24 ·24	4
29	Sat.	25	3 ·95	13 ·10	1	28	Wed.	24	3 ·41	18 ·15	2	—30	Tues.	25	6 ·98	25 ·26	5
30	Sun.	26	... ...	14 ·16	2	29	Thur.	25	4 ·50	19 ·26	3	1	Wed.	26	7 ·94	26 ·26	6
—31	Mon.	27	4 ·01	15 ·25	3	—30	Fri.	26	5 ·57	20 ·36	4	2	Thur.	27	8 ·89	27 ·25	7
1	Tues.	28	5 ·08	16 ·34	4	1	Sat.	27	6 ·63	21 ·45	5	3	Fri.	28	9 ·82	1 ·22	8
2	Wed.	29	6 ·16	17 ·44	5	2	Sun.	28	7 ·68	22 ·52	6	4	Sat.	29	10 ·74	2 ·17	9
3	Thur.	30	7 ·25	18 ·54	6	3	Mon.	29	8 ·71	23 ·57	7	5	Sun.	30	11 ·65	3 ·11	10
4	Fri.	31	8 ·34	19 ·65	7	4	Tues.	30	9 ·71	24 ·61	8	6	Mon.	31	12 ·55	4 ·04	11
						5	Wed.	31	10 ·69	25 ·62	9					5 ·98	

18. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1124. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·82.** **Śaka 1046.** **Kaliyuga 4225.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·77.** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Tues.	1	13 ·45	6 ·91	12	9	Sat.	1	14 ·27	11 ·33	12	8	Thur.	1	1 ·36	17 ·15	14
9	Wed.	2	14 ·35	7 ·84	13	10	Sun.	2	P ·23	12 ·31	13	9	Fri.	2	2 ·43	18 ·26	15
10	Thur.	3	P ·26	8 ·78	14	11	Mon.	3	1 ·20	13 ·32	14	10	Sat.	3	3 ·51	19 ·35	16
11	Fri.	4	1 ·18	9 ·73	15	12	Tues.	4	2 ·20	14 ·34	15	11	Sun.	4	4 ·59	20 ·46	17
12	Sat.	5	2 ·11	10 ·69	16	13	Wed.	5	3 ·21	15 ·40	16	12	Mon.	5	5 ·67	21 ·57	18
13	Sun.	6	3 ·05	11 ·68	17	14	Thur.	6	4 ·25	16 ·46	17	13	Tues.	6	6 ·75	22 ·66	19
14	Mon.	7	4 ·01 5 ·98	12 ·67	18	15	Fri.	7	5 ·30	17 ·55	18	14	Wed.	7	7 ·80	23 ·75	20
15	Tues.	8	6 ·97	13 ·68	19	16	Sat.	8	6 ·37	18 ·64	19	15	Thur.	8	8 ·84	24 ·82	21
16	Wed.	9	7 ·99	14 ·72	20	17	Sun.	9	7 ·45	19 ·76	20	16	Fri.	9	9 ·87	25 ·86	22
17	Thur.	10	...	15 ·77	21	18	Mon.	10	8 ·54	20 ·87	21	17	Sat.	10	10 ·86	26 ·88	23
18	Fri.	11	8 ·03	16 ·86	22	19	Tues.	11	9 ·62	21 ·97	22	18	Sun.	11	11 ·84	27 ·88	24
19	Sat.	12	9 ·09	17 ·95	23	20	Wed.	12	10 ·69	... ...	23	19	Mon.	12	12 ·79	1 ·85	25
20	Sun.	13	10 ·16	... ...	24	21	Thur.	13	11 ·76	22 ·06	24	20	Tues.	13	13 ·73	2 ·85	26
21	Mon.	14	11 ·25	18 ·05	25	22	Fri.	14	12 ·80	23 ·13	25	21	Wed.	14	14 ·66	3 ·80	27
22	Tues.	15	12 ·33	19 ·15	26	23	Sat.	15	13 ·83	24 ·19	26	22	Thur.	15	—A ·58	4 ·74	28
23	Wed.	16	13 ·41	20 ·26	27	24	Sun.	16	14 ·82	25 ·23	27	23	Fri.	16	1 ·48	5 ·67	29
24	Thur.	17	14 ·49	21 ·37	28	25	Mon.	17	—A ·80	26 ·24	28	24	Sat.	17	2 ·38	6 ·61	—30
25	Fri.	18	—A ·56	22 ·45	29	26	Tues.	18	1 ·76	27 ·23	29	25	Sun.	18	3 ·28	7 ·54	1
26	Sat.	19	1 ·61	23 ·51	—30	27	Wed.	19	2 ·70	1 ·21	—30	26	Mon.	19	4 ·18	8 ·47	2
27	Sun.	20	2 ·63	24 ·56	1	28	Thur.	20	3 ·63	2 ·17	1	27	Tues.	20	5 ·08 6 ·99	9 ·41	3
28	Mon.	21	3 ·63	25 ·58	2	29	Fri.	21	4 ·55	3 ·13	2	28	Wed.	21	7 ·91	10 ·36	4
29	Tues.	22	4 ·61	26 ·60	3	30	Sat.	22	5 ·46	4 ·07	3	29	Thur.	22	8 ·84	11 ·33	5
—30	Wed.	23	5 ·57	27 ·57	4	—31	Sun.	23	6 ·36	5 ·00 6 ·93	4	30	Fri.	23	9 ·79	12 ·30	6
1	Thur.	24	6 ·52	1 ·55	5	1	Mon.	24	7 ·25	7 ·86	5	—31	Sat.	24	10 ·76	13 ·29	7
2	Fri.	25	7 ·45	2 ·50	6	2	Tues.	25	8 ·15	8 ·80	6	1	Sun.	25	11 ·75	14 ·30	8
3	Sat.	26	8 ·37	3 ·45	7	3	Wed.	26	9 ·05 10 ·97	9 ·72	7	2	Mon.	26	12 ·77	15 ·33	9
4	Sun.	27	9 ·28	4 ·39	8							3	Tues.	27	13 ·80	16 ·38	10
5	Mon.	28	10 ·19	5 ·32	9	4	Thur.	27	11 ·89	10 ·71	8	4	Wed.	28	14 ·85	17 ·46	11
6	Tues.	29	11 ·09 12 ·99	6 ·25	10	5	Fri.	28	12 ·83	11 ·66	9	5	Thur.	29	P ·32	18 ·55	12
						6	Sat.	29	13 ·78	12 ·64	10	6	Fri.	30	... ...	19 ·65	13
7	Wed.	30	13 ·89	7 ·18	11	7	Sun.	30	14 ·76	13 ·65	11	7	Sat.	31	1 ·00	20 ·75	14
8	Thur.	31	14 ·81	8 ·12	12	8	Mon.	31	P ·75	14 ·67	12						
	Feb.						**April.**						**June.**				
9	Fri. ○	1	P ·74	9 ·07	13	9	Tues.	1	1 ·76	15 ·71	13	8	Sun.	1	2 ·08	21 ·86	15
10	Sat.	2	1 ·68	10 ·03	14	10	Wed.	2	2 ·80	16 ·77	14	9	Mon.	2	3 ·16	22 ·97	16
11	Sun.	3	2 ·63	11 ·00 12 ·99	15	11	Thur.	3	3 ·85	17 ·85	15	10	Tues.	3	4 ·23	... ...	17
						12	Fri.	4	4 ·92	18 ·95	16	11	Wed.	4	5 ·29	23 ·06	18
12	Mon.	4	3 ·60	... ...	16	13	Sat.	5	5 ·99	... ...	17	12	Thur.	5	6 ·33	24 ·13	19
13	Tues.	5	4 ·60	13 ·00	17	14	Sun.	6	... ...	19 ·06	18	13	Fri.	6	7 ·35	25 ·17	20
14	Wed.	6	5 ·62	14 ·03	18	15	Mon.	7	6 ·08	20 ·16	19	14	Sat.	7	8 ·35	26 ·20	21
15	Thur.	7	6 ·65	15 ·09	19	16	Tues.	8	7 ·16	21 ·27	20	15	Sun.	8	9 ·32	27 ·22	22
16	Fri.	8	7 ·71	16 ·16	20	17	Wed.	9	8 ·23	22 ·36	21	16	Mon.	9	10 ·27	1 ·21	23
17	Sat.	9	8 ·78	17 ·25	21	18	Thur.	10	9 ·29	23 ·44	22	17	Tues.	10	11 ·21	2 ·18	24
18	Sun.	10	9 ·86	18 ·35	22	19	Fri.	11	10 ·34	24 ·51	23	18	Wed.	11	12 ·14	3 ·13	25
19	Mon.	11	10 ·95	19 ·45	23	20	Sat.	12	11 ·37	25 ·55	24	19	Thur.	12	13 ·06 14 ·96	4 ·08	26
20	Tues.	12	... ...	20 ·57	24	21	Sun.	13	12 ·36	26 ·56	25						
21	Wed.	13	11 ·04	21 ·67	25	22	Mon.	14	13 ·34	27 ·56	26	20	Fri.	13	—A ·86	5 ·02 6 ·95	27
22	Thur.	14	12 ·11	22 ·75	26	23	Tues.	15	14 ·29	1 ·54	27						
23	Fri.	15	13 ·17	23 ·82	27	24	Wed.	16	—A ·23	2 ·51	28	21	Sat.	14	1 ·76	7 ·88	28
24	Sat.	16	14 ·22	24 ·87	28	25	Thur.	17	1 ·16	3 ·46	—29	22	Sun.	15	2 ·66	8 ·81	—29
25	Sun.	17	—A ·24	25 ·91	29	26	Fri.	18	2 ·08 3 ·98	4 ·40	1	23	Mon.	16	3 ·56	9 ·75	1
26	Mon.	18	1 ·24	26 ·92	—30							24	Tues.	17	4 ·46	10 ·69	2
27	Tues.	19	2 ·22	27 ·91	1	27	Sat.	19	4 ·83	5 ·34	2	25	Wed.	18	5 ·38	11 ·66	3
28	Wed.	20	3 ·19	1 ·88	2	28	Sun.	20	5 ·78	6 ·27	3	26	Thur.	19	6 ·32	12 ·63	4
29	Thur.	21	4 ·14	2 ·84	3	29	Mon.	21	6 ·68	7 ·21	4	27	Fri.	20	7 ·27	13 ·61	5
1	Fri.	22	5 ·07 6 ·98	3 ·78	4	30	Tues.	22	7 ·58	8 ·14	5	28	Sat.	21	8 ·24	14 ·62	6
2	Sat.	23	7 ·89	4 ·73	5	—31	Wed.	23	8 ·49	9 ·08	6	29	Sun.	22	9 ·23	15 ·64	7
3	Sun.	24	8 ·79	5 ·66	6	1	Thur.	24	9 ·41	10 ·02 11 ·99	7	30	Mon.	23	10 ·24	16 ·70	8
4	Mon.	25	9 ·69	6 ·59	7	2	Fri.	25	10 ·35	12 ·97	8	31	Tues.	24	11 ·27	17 ·77	9
5	Tues.	26	10 ·59	7 ·52	8	3	Sat.	26	11 ·31	13 ·97	9	—32	Wed.	25	12 ·33	18 ·85	10
6	Wed.	27	11 ·49	8 ·45	9	4	Sun.	27	12 ·28	14 ·98	10	1	Thur.	26	13 ·40	19 ·95	11
7	Thur.	28	12 ·41	9 ·41	10	5	Mon.	28	13 ·26	... ...	11	2	Fri.	27	14 ·48	... ...	12
8	Fri.	29	13 ·33	10 ·36	11	6	Tues.	29	14 ·28	15 ·02	12	3	Sat.	28	P ·56	20 ·06	13
						7	Wed.	30	P ·31	16 ·08	13	4	Sun.	29	1 ·65	21 ·17	14
												5	Mon.	30	2 ·71	22 ·27	15

Śobhana. Kumbha—Māśi. Śobhana. Mīna—Pāṅguni. Śobhana. Mīna—Pāṅguni. Śobhana. Mēsha—Chittirai. Krodhin. Mēsha—Chittirai. Krodhin. Vaiśākha. Krodhin. Vṛishabha—Vaigāśi. Krodhin. Mithuna—Āni. Krodhin. Āshādha.

Bahula. Māgha. Bahula. Sukla. Pausha. Bahula. Sukla. Bahula. Sukla. Chaitra. Bahula. Sukla. Vaiśākha. Bahula. Sukla. Jyeshtha. Bahula. Sukla.

H. 517 Zi-l-hijja. H. 517 Zi-l-ka'da. H. 518 Muharram. H. 518 Muharram. H. 518 Muharram. H. 518 Muharram. H. 518 Safar. H. 518 Rabī-ul awwal. H. 518 Rabī-ul awwal. H. 518 Rabī-ul ākhir. H. 518 Jamāda'l awwal.

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1124. **Kollam 300,** { **N. Malabar—Aug.** **Hijra 518.** **Vikrama 1181.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 19.** **Bengal San. 530.**
P—Paurnimā. **(N. Cycle) Plavaṅga.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Karkaṭaka—Ādi.**	**July.**			
6	Tues. 1	3 ·76	23 ·36	16
7	Wed. 2	4 ·80	24 ·43	17
8	Thur. 3	5 ·83	25 49	18
9	Fri. 4	*Bahula.* 6 ·82	26 ·53	19
10	Sat. 5	7 ·80	27 ·54	20
11	Sun. 6	8 ·76	1 ·53	21
12	Mon. 7	9 ·69	2 ·51	22
13	Tues. 8	10 ·62	3 ·47	23
14	Wed. 9	11 ·54	4 ·42	24
15	Thur. 10	12 ·44	5 ·36	25
16	Fri. 11	13 ·33	6 ·30	26
17	Sat. 12	14 ·23	7 ·22	27
18	Sun. 13	A ·13	8 ·15	28
19	Mon. 14	1 ·03 / 2 ·94	9 ·08	29
20	Tues. 15	3 ·86	10 ·04 / 11 ·99	30
21	Wed. 16	4 ·80	12 ·95	1
22	Thur. 17	5 ·75	13 ·94	2
23	Fri. 18	6 ·72	14 ·94	3
24	Sat. 19	7 ·72	15 ·97	4
25	Sun. 20	*Śukla.* 8 ·73	... ...	5
26	Mon. 21	9 ·76	16 ·00	6
27	Tues. 22	10 ·81	17 ·07	7
28	Wed. 23	11 ·88	18 ·15	8
29	Thur. 24	12 ·96	19 ·25	9
30	Fri. 25	*Śrāvaṇa.*	20 ·36	10
31	Sat. 26	13 ·05	21 ·47	11
1	Sun. 27	14 ·13	22 ·57	12
2	Mon. ○ 28	P ·20	23 ·67	13
3	Tues. 29	1 ·26	24 ·74	14
4	Wed. 30	2 ·30	25 ·81	15
5	Thur. 31	3 ·32	26 ·85	16
Kroaṇa. **Siṁha—Āvaṇi.**	**Aug.**			
6	Fri. 1	4 ·31	27 ·86	17
7	Sat. 2	*Bahula.* 5 ·29	1 ·86	18
8	Sun. 3	6 ·25	2 ·84	19
9	Mon. 4	7 ·19	3 ·80	20
10	Tues. 5	8 ·12	4 ·76	21
11	Wed. 6	9 ·04 / 10 ·94	5 ·70	22
12	Thur. 7	11 ·83	6 ·63	23
13	Fri. 8	12 ·73	7 ·56	24
14	Sat. 9	13 ·63	8 ·49	25
15	Sun. 10	14 ·54	9 ·43	26
16	Mon. ● 11	A ·45	10 ·43	27
17	Tues. 12	1 ·37	11 ·32	28
18	Wed. 13	2 ·31	12 ·28	29
19	Thur. 14	3 ·26	13 ·26	1
20	Fri. 15	4 ·28	14 ·27	2
21	Sat. 16	5 ·23	15 ·28	3
22	Sun. 17	*Śukla.* 6 ·24	16 ·32	4
23	Mon. 18	7 ·28	17 ·38	5
24	Tues. 19	8 ·33	18 ·46	6
25	Wed. 20	9 ·40	19 ·56	7
26	Thur. 21	10 ·48	20 ·66	8
27	Fri. 22	11 ·57	21 ·77	9
28	Sat. 23	12 ·65	22 ·87	10
29	Sun. 24	13 ·72	23 ·97	11
30	Mon. 25	14 ·78	... ...	12
31	Tues. 26	*Bhādrapada.* P ·83	24 ·05	13
1	Wed. 27	1 ·85	25 ·12	14
2	Thur. 28	2 ·84	26 ·16	15
3	Fri. 29	3 ·82	27 ·18	16
4	Sat. 30	4 ·78	1 ·18	17
5	Sun. 31	5 ·72	2 ·16	18

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Kanyā—Puraṭṭāsi.**	**Sep.**			
6	Mon. 1	6 ·64	3 ·14	19
7	Tues. 2	7 ·55	4 ·09	20
8	Wed. 3	*Bahula.* 8 ·46	5 ·03 / 6 ·97	21
9	Thur. 4	9 ·36	7 ·90	22
10	Fri. 5	10 ·26	8 ·83	23
11	Sat. 6	11 ·16	9 ·77	24
12	Sun. 7	12 ·06 / 13 ·98	10 ·71	25
13	Mon. 8	14 ·90	11 ·65	26
14	Tues. 9	A ·84	12 ·61	27
15	Wed. 10	1 ·80	13 ·60	28
16	Thur. 11	2 ·78	14 ·59	29
17	Fri. 12	3 ·77	15 ·60	30
18	Sat. 13	4 ·79	16 ·63	1
19	Sun. 14	5 ·82	17 ·69	2
20	Mon. 15	*Śukla.* 6 ·87	18 ·77	3
21	Tues. 16	7 ·94	19 ·86	4
22	Wed. 17	... ...	20 ·96	5
23	Thur. 18	8 ·03	... ...	6
24	Fri. 19	9 ·12	21 ·07	7
25	Sat. 20	10 ·20	22 ·17	8
26	Sun. 21	11 ·28	23 ·27	9
27	Mon. 22	12 ·34	24 ·36	10
28	Tues. 23	13 ·38	25 ·42	11
29	Wed. 24	*Āśvina.* 14 ·41	26 ·48	12
30	Thur. 25	P ·40	27 ·50	13
31	Fri. 26	1 ·39	1 ·51	14
1	Sat. 27	2 ·35	2 ·50	15
2	Sun. 28	3 ·29	3 ·47	16
3	Mon. 29	4 ·21	4 ·33	17
4	Tues. 30	5 ·13	5 ·37	18
Krodhin. **Tulā—Aippaśi.**	**Oct.**			
5	Wed. 1	6 ·04 / 7 ·94	6 ·31	19
6	Thur. 2	8 ·84	7 ·25	20
7	Fri. 3	*Bahula.* 9 ·74	8 ·18	21
8	Sat. 4	10 ·65	9 ·11 / 10 ·04 / 11 ·99	22
9	Sun. 5	11 ·56	12 ·95	23
10	Mon. 6	12 ·49	13 ·92	24
11	Tues. 7	13 ·43	14 ·91	25
12	Wed. 8	14 ·38	15 ·92	26
13	Thur. 9	A ·36	16 ·95	27
14	Fri. 10	1 ·35	... ...	28
15	Sat. 11	2 ·37	17 ·01	29
16	Sun. 12	3 ·41	18 ·07	1
17	Mon. 13	4 ·47	19 ·16	2
18	Tues. 14	*Śukla.* 5 ·54	20 ·26	3
19	Wed. 15	6 ·62	21 ·36	4
20	Thur. 16	7 ·71	22 ·47	5
21	Fri. 17	8 ·79	23 ·58	6
22	Sat. 18	9 ·87	24 ·67	7
23	Sun. 19	10 ·93	25 ·74	8
24	Mon. 20	11 ·98	26 ·79	9
25	Tues. 21	... ...	27 ·82	10
26	Wed. 22	12 ·00 / 13 ·99	1 ·84	11
27	Thur. 23	*Kārttika.* 14 ·98	2 ·83	12
28	Fri. 24	P ·94	3 ·80	13
29	Sat. 25	1 ·88	4 ·76	14
30	Sun. 26	2 ·81	5 ·71	15
1	Mon. 27	3 ·73	6 ·65	16
2	Tues. 28	4 ·65	7 ·58	17
3	Wed. 29	5 ·55	8 ·51	18
4	Thur. 30	6 ·45	9 ·44	19
5	Fri. 31	7 ·35	10 ·36	20

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Vṛiśchika—Kārttigai.**	**Nov.**			
6	Sat. 1	*Bahula.* 8 ·26	10 ·38	21
7	Sun. 2	9 ·17	11 ·33	22
8	Mon. 3	10 ·10	12 ·28	23
9	Tues. 4	11 ·04	13 ·25	24
10	Wed. 5	12 ·01 / 13 ·98	14 ·24	25
11	Thur. 6	14 ·97	15 ·24	26
12	Fri. 7	A ·99	16 ·26	27
13	Sat. 8	... ...	17 ·31	28
14	Sun. 9	1 ·03	18 ·38	29
15	Mon. 10	2 ·09	19 ·46	30
16	Tues. 11	3 ·16	20 ·56	1
17	Wed. 12	4 ·25	21 ·66	2
18	Thur. 13	*Śukla.* 5 ·34	22 ·78	3
19	Fri. 14	6 ·43	23 ·88	4
20	Sat. 15	7 ·50	24 ·97	5
21	Sun. 16	8 ·56	... ...	6
22	Mon. 17	9 ·61	25 ·05	7
23	Tues. 18	10 ·63	26 ·10	8
24	Wed. 19	11 ·63	27 ·15	9
25	Thur. 20	12 ·62	1 ·16	10
26	Fri. 21	13 ·58	2 ·16	11
27	Sat. 22	14 ·52	3 ·13	12
28	Sun. 23	P ·45	4 ·09	13
29	Mon. 24	1 ·37	5 ·05 / 6 ·99	14
1	Tues. 25	2 ·28	7 ·92	15
2	Wed. 26	3 ·19	8 ·85	16
3	Thur. 27	4 ·09 / 5 ·99	9 ·78	17
4	Fri. 28	6 ·89	10 ·71	18
5	Sat. 29	7 ·81	11 ·67	19
6	Sun. 30	8 ·74	12 ·62	20
Krodhin. **Dhanus—Mārgali.**	**Dec.**			
7	Mon. 1	9 ·68	13 ·58	21
8	Tues. 2	*Bahula.* 10 ·64	14 ·56	22
9	Wed. 3	11 ·62	15 ·56	23
10	Thur. 4	12 ·62	16 ·59	24
11	Fri. 5	13 ·63	17 ·63	25
12	Sat. 6	14 ·68	18 ·68	26
13	Sun. 7	A ·73	19 ·76	27
14	Mon. 8	1 ·80	20 ·86	28
15	Tues. 9	2 ·89	21 ·97	29
16	Wed. 10	3 ·98	... ...	1
17	Thur. 11	... ...	22 ·08	2
18	Fri. 12	4 ·07	23 ·18	3
19	Sat. 13	*Śukla.* 5 ·14	24 ·27	4
20	Sun. 14	6 ·20	25 ·35	5
21	Mon. 15	7 ·25	26 ·42	6
22	Tues. 16	8 ·27	27 ·46	7
23	Wed. 17	9 ·27	1 ·48	8
24	Thur. 18	10 ·26	2 ·48	9
25	Fri. 19	11 ·22	3 ·46	10
26	Sat. 20	12 ·16	4 ·44	11
27	Sun. 21	*Pausha.* 13 ·09	5 ·39	12
28	Mon. 22	14 ·01 / P ·92	6 ·33	13
29	Tues. 23	1 ·83	7 ·26	14
Krodhin. **Makara—Tai.**				
1	Wed. 24	2 ·73	8 ·19	15
2	Thur. 25	3 ·63	9 ·12	16
3	Fri. 26	4 ·54	10 ·06	17
4	Sat. 27	*Bahula.* 5 ·46	11 ·00 / 12 ·95	18
5	Sun. 28	6 ·39	13 ·91	19
6	Mon. 29	7 ·33	14 ·89	20
7	Tues. 30	8 ·29	15 ·89	21
8	Wed. 31	9 ·26	16 ·90	22

H. 518 Jamāda'l awwal. — *H. 518 Jamāda'l ākhir.* — *H. 518 Rajab.* — *H. 518 Ramaḍa.* — *H. 518 Shaʻbān.* — *H. 518 Ramaḍān.* — *H. 518 Shawwāl.* — *H. 518 Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatat

A.D. 1125. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·08.** **Śaka 1047.** **Kaliyuga 4226.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·03.** **(S. Cycle) Viśvāvasu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Thur. 1	*Bahula.* 10 ·26	17 ·94	23	8	Sun. 1	10 ·67	21 ·86	23	8	Fri. 1	*Bahula.* 11 ·14	... ...	25
10	Fri. 2	11 ·28	18 ·99	24	9	Mon. 2	11 ·76	22 ·97	24	9	Sat. 2	12 ·17	27 ·04	26
11	Sat. 3	12 ·32	... ...	25	10	Tues. 3	*Bahula.* 12 ·85	... ...	25	10	Sun. 3	13 ·19	1 ·08	27
12	Sun. 4	13 ·38	19 ·07	26	11	Wed. 4	13 ·93	23 ·08	26	11	Mon. 4	14 ·19	2 ·10	28
13	Mon. 5	14 ·45	20 ·17	27	12	Thur. 5	... ...	24 ·19	27	12	Tues. 5	—**A** ·16	3 ·10	29
14	Tues. 6	—**A** ·53	21 ·27	28	13	Fri. 6	14 ·01	25 ·28	28	13	Wed. 6	1 ·12	4 ·09	—30
15	Wed. 7	1 ·62	22 ·37	29	14	Sat. 7	—**A** ·07	26 ·35	29	14	Thur. 7	{ 2 ·06	5 ·06	1
16	Thur. 8	2 ·71	23 ·48	—30	15	Sun. 8	1 ·11	27 ·40	—30			{ 3 ·99		
17	Fri. 9	3 ·79	24 ·58	1	16	Mon. 9	2 ·13	1 ·44	1	15	Fri. 8	4 ·89	6 ·02 }	2
18	Sat. 10	4 ·85	25 ·67	2	17	Tues. 10	3 ·12	2 ·46	2				7 ·96 }	
19	Sun. 11	5 ·89	26 ·73	3	18	Wed. 11	4 ·10	3 ·45	3	16	Sat. 9	5 ·79	8 ·89	3
20	Mon. 12	6 ·92	27 ·78	4	19	Thur. 12	5 ·06	4 ·43	4	17	Sun. 10	*Sukla.* 6 ·69	9 ·82	4
21	Tues. 13	*Sukla.* 7 ·92	1 ·80	5	20	Fri. 13	{ 6 ·01	5 ·39	5	18	Mon. 11	7 ·59	10 ·76	5
22	Wed. 14	8 ·90	2 ·81	6			{ 7 ·93			19	Tues. 12	8 ·49	11 ·69	6
23	Thur. 15	9 ·86	3 ·79	7	21	Sat. 14	8 ·85	6 ·34	6	20	Wed. 13	9 ·39	12 ·63	7
24	Fri. 16	10 ·80	4 ·77	8	22	Sun. 15	9 ·75	7 ·27	7	21	Thur. 14	10 ·30	13 ·58	8
25	Sat. 17	11 ·73	5 ·72	9	23	Mon. 16	10 ·65	8 ·21	8	22	Fri. 15	11 ·22	14 ·54	9
26	Sun. 18	12 ·65	6 ·66	10	24	Tues. 17	11 ·55	9 ·15	9	23	Sat. 16	12 ·16	15 ·51	10
27	Mon. 19	13 ·56	7 ·60	11	25	Wed. 18	12 ·45	10 ·08	10	24	Sun. 17	13 ·12	16 ·51	11
28	Tues. 20	14 ·47	8 ·54	12				11 ·01 }		25	Mon. 18	14 ·09	17 ·52	12
29	Wed. ○ 21	**P** ·38	9 ·47	13	26	Thur. 19	13 ·36	12 ·96 }	11	26	Tues. 19	**P** ·08	18 ·55	13
—30	Thur. 22	1 ·28	10 ·40	14	27	Fri. 20	14 ·27	13 ·90	12	27	Wed. 20	1 ·09	19 ·60	14
1	Fri. 23	2 ·18	11 ·34	15	28	Sat. 21	**P** ·20	14 ·88	13	28	Thur. 21	2 ·13	20 ·67	15
2	Sat. 24	3 ·09	12 ·28	16	29	Sun. 22	1 ·14	15 ·86	14	29	Fri. 22	3 ·18	21 ·77	16
3	Sun. 25	{ 4 ·01	13 ·24	17	—30	Mon. 23	2 ·10	16 ·86	15	30	Sat. 23	4 ·25	22 ·87	17
		{ 5 ·95			1	Tues. 24	3 ·06	17 ·89	16	—31	Sun. 24	5 ·33	23 ·98	18
4	Mon. 26	6 ·92	14 ·22	18	2	Wed. 25	4 ·05	18 ·93	17	1	Mon. 25	6 ·41	... ..	19
5	Tues. 27	7 ·90	15 ·21	19	3	Thur. 26	5 ·07	19 ·99	18	2	Tues. 26	7 ·49	24 ·09	20
6	Wed. 28	8 ·89	16 ·22	20	4	Fri. 27	6 ·10	... ...	19	3	Wed. 27	8 ·56	25 ·18	21
7	Thur. 29	9 ·91	17 ·25	21	5	Sat. 28	7 ·16	20 ·07	20	4	Thur. 28	9 ·62	26 ·28	22
8	Fri. 30	*Bahula.* 10 ·95	18 ·30	22	6	Sun. 29	*Bahula.* 8 ·23	21 ·16	21	5	Fri. 29	10 ·65	27 ·35	23
9	Sat. 31	... ...	19 ·38	23	7	Mon. 30	9 ·32	22 ·27	22	6	Sat. 30	11 ·68	1 ·39	24
					8	Tues. 31	10 ·40	23 ·38	23	7	Sun. 31	12 ·67	2 ·42	25
	Feb.					**April.**					**June.**			
10	Sun. 1	11 ·00	20 ·47	24	9	Wed. 1	11 ·48	24 ·49	24	8	Mon. 1	13 ·65	3 ·43	26
11	Mon. 2	12 ·08	21 ·57	25	10	Thur. 2	12 ·56	25 ·58	25	9	Tues. 2	14 ·60	4 ·43	27
12	Tues. 3	13 ·16	22 ·67	26	11	Fri. 3	13 ·62	26 ·66	26	10	Wed. 3	—**A** ·54	5 ·40	28
13	Wed. 4	14 ·25	23 ·78	27	12	Sat. 4	14 ·66	27 ·73	27	11	Thur. 4	1 ·46	6 ·35	—29
14	Thur. 5	—**A** ·34	24 ·89	28	13	Sun. 5	—**A** ·67	1 ·76	28	12	Fri. 5	2 ·37	7 ·30	1
15	Fri. 6	1 ·42	25 ·97	—29	14	Mon. 6	1 ·67	2 ·78	—29	13	Sat. 6	3 ·27	8 ·23	2
16	Sat. 7	2 ·48	... ...	1	15	Tues. 7	2 ·65	3 ·78	1	14	Sun. 7	4 ·17	9 ·16	3
17	Sun. 8	3 ·52	26 ·04	2	16	Wed. 8	3 ·60	4 ·70	2	15	Mon. 8	{ 5 ·07	10 ·10	4
18	Mon. 9	4 ·54	27 ·09	3	17	Thur. 9	4 ·54	5 ·72	3			{ 6 ·97		
19	Tues. 10	5 ·53	1 ·12	4	18	Fri. 10	5 ·47	6 ·68	4	16	Tues. 9	7 ·87	11 ·03 }	5
20	Wed. 11	6 ·52	2 ·13	5	19	Sat. 11	*Sukla.* 6 ·39	7 ·62	5				12 ·97 }	
21	Thur. 12	7 ·48	3 ·13	6	20	Sun. 12	7 ·29	8 ·55	6	17	Wed. 10	8 ·78	13 ·91	6
22	Fri. 13	8 ·42	4 ·10	7	21	Mon. 13	8 ·19	9 ·48	7	18	Thur. 11	9 ·70	14 ·87	7
23	Sat. 14	9 ·35	5 ·06	8			{ 9 ·09			19	Fri. 12	10 ·64	15 ·85	8
24	Sun. 15	10 ·26	6 ·00 }	9	22	Tues. 14	{ 10 ·99	10 ·41	8	20	Sat. 13	*Sukla.* 11 ·60	16 ·83	9
			7 ·94 }		23	Wed. 15	11 ·89	11 ·36	9	21	Sun. 14	12 ·58	17 ·84	10
25	Mon. 16	11 ·17	8 ·88	10	24	Thur. 16	12 ·80	12 ·30	10	22	Mon. 15	13 ·56	18 ·86	11
26	Tues. 17	{ 12 ·07	9 ·81	11	25	Fri. 17	13 ·73	13 ·24	11	23	Tues. 16	14 ·57	19 ·91	12
		{ 13 ·97			26	Sat. 18	14 ·67	14 ·21	12	24	Wed. 17	**P** ·61	20 ·99	13
27	Wed. 18	14 ·88	10 ·74	12	27	Sun. 19	**P** ·62	15 ·18	13	25	Thur. 18	1 ·66	... ...	14
28	Thur. 19	**P** ·79	11 ·67	13	28	Mon. 20	1 ·59	16 ·19	14	26	Fri. 19	2 ·73	21 ·07	15
29	Fri. 20	1 ·70	12 ·62	14	29	Tues. 21	2 ·59	17 ·20	15	27	Sat. 20	3 ·81	22 ·17	16
—30	Sat. 21	2 ·62	13 ·58	15	30	Wed. 22	3 ·60	18 ·24	16	28	Sun. 21	4 ·90	23 ·28	17
1	Sun. 22	3 ·56	14 ·55	16	—31	Thur. 23	4 ·63	19 ·30	17	29	Mon. 22	5 ·97	24 ·38	18
2	Mon. 23	4 ·52	15 ·53	17	1	Fri. 24	5 ·69	20 ·37	18	30	Tues. 23	... ...	25 ·49	19
3	Tues. 24	5 ·50	16 ·54	18	2	Sat. 25	6 ·76	21 ·47	19	31	Wed. 24	6 ·04	26 ·58	20
4	Wed. 25	6 ·49	17 ·56	19	3	Sun. 26	7 ·84	22 ·58	20	—32	Thur. 25	7 ·10	27 ·65	21
5	Thur. 26	7 ·51	18 ·62	20	4	Mon. 27	*Bahula.* 8 ·93	23 ·68	21	1	Fri. 26	8 ·13	1 ·71	22
6	Fri. 27	8 ·54	19 ·68	21	5	Tues. 28	...	24 ·79	22	2	Sat. 27	9 ·16	2 ·74	23
7	Sat. 28	9 ·60	20 ·77	22	6	Wed. 29	9 ·01	25 ·88	23	3	Sun. 28	10 ·15	3 ·75	24
					7	Thur. 30	10 ·08	26 ·96	24	4	Mon. 29	11 ·13	4 ·75	25
										5	Tues. 30	12 ·08	5 ·73	26

Krodhin. **Makara—Tai.** *Viśvāvasu.* **Kumbha—Māsi.** *Krodhin.* **Mīna—Phālguna.** *Krodhin.* **Mīna—Pānguni.** *Viśvāvasu.* **Mēsha—Chittirai.** *Viśvāvasu.* **Vṛishabha—Vaigāsi.** *Viśvāvasu.* **Mithuna—Āni.**

H. 518 *Ti-l-hijja.* *H.* 519 *Muharram.* *H.* 519 *Safar.* *H.* 519 *Rabī-ul awwal.* *H.* 519 *Rabī-ul ākhir.* *H.* 519 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Asleah. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1125. **Kollam 301,** { **N. Malabar—Aug.** **Hijra 519.** **Vikrama 1182.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 7.** **Bengal San. 531.**
P—Paurnimā. **(N. Cycle) Kīlaka.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
										Viśvāvasu.				
Viśvāvasu.										**Karkataka—Ādi.**				
Karkataka—Ādi.														
6	Wed. 1	13 ·02 / 14 ·94	6 ·68	27	6	Tues. 1	2 ·29	14 ·87	—30	6	Sun. 1	4 ·27	20 ·53	2
7	Thur. 2	—A ·25	7 ·63	28	7	Wed. 2	3 ·21	15 ·83	1	7	Mon. 2	5 ·32	21 ·60	3
8	Fri. 3	1 ·76	8 ·58	29	8	Thur. 3	4 ·15	16 ·81	2	8	Tues. 3	6 ·38	22 ·68	4
9	Sat. 4	2 ·65	9 ·51	—30	9	Fri. 4	5 ·11	17 ·81	3	9	Wed. 4	7 ·46	23 ·78	5
10	Sun. 5	3 ·55	10 ·44	1	10	Sat. 5	*Śukla.* 6 ·08	18 ·82	4	10	Thur. 5	8 ·54	24 ·88	6
11	Mon. 6	4 ·45	11 ·40	2	11	Sun. 6	7 ·08	19 ·85	5	11	Fri. 6	9 ·64	25 ·99	7
12	Tues. 7	5 ·35	12 ·30	3	12	Mon. 7	8 ·09	20 ·91	6	12	Sat. 7	10 ·72	... ...	8
13	Wed. 8	*Śukla.* 6 ·26	13 ·25	4	13	Tues. 8	9 ·13	21 ·98	7	13	Sun. 8	11 ·79	26 ·10	9
14	Thur. 9	7 ·18	14 ·21	5	14	Wed. 9	10 ·19	... ..	8	14	Mon. 9	12 ·85	27 ·12	10
15	Fri. 10	8 ·12	15 ·17	6	15	Thur. 10	11 ·26	22 ·07	9	15	Tues. 10	13 ·90	1 ·27	11
16	Sat. 11	9 ·08	16 ·16	7	16	Fri. 11	12 ·35	23 ·18	10	16	Wed. 11	14 ·92	2 ·32	12
17	Sun. 12	10 ·05	17 ·16	8	17	Sat. 12	13 ·44	24 ·29	11	17	Thur. 12	P ·91	3 ·36	13
18	Mon. 13	11 ·04	18 ·18	9	18	Sun. 13	14 ·52	25 ·39	12	18	Fri. 13	1 ·90	4 ·37	14
19	Tues. 14	12 ·06	19 ·23	10	19	Mon. 14	P ·59	26 ·49	13	19	Sat. 14	2 ·86	5 ·38	15
20	Wed. 15	13 ·09	20 ·29	11	20	Tues. 15	1 ·64	27 ·57	14	20	Sun. 15	3 ·80	6 ·35	16
21	Thur. 16	14 ·14	21 ·38	12	21	Wed. 16	2 ·68	1 ·65	15	21	Mon. 16	4 ·73	7 ·31	17
22	Fri.○ 17	P ·21	22 ·47	13	22	Thur. 17	3 ·70	2 ·70	16	22	Tues. 17	5 ·65	8 ·26	18
23	Sat. 18	1 ·29	23 ·58	14	23	Fri. 18	4 ·70	3 ·72	17	23	Wed. 18	6 ·56	9 ·20	19
24	Sun. 19	2 ·38	24 ·65	15	24	Sat. 19	5 ·68	4 ·73	18	24	Thur. 19	7 ·45	10 ·14	20
25	Mon. 20	3 ·46	25 ·79	16	25	Sun. 20	6 ·64	5 ·73	19	25	Fri. 20	8 ·36	11 ·07	21
26	Tues. 21	4 ·53	26 ·89	17	26	Mon. 21	*Śukla.* 7 ·58	6 ·69	20	26	Sat. 21	*Pausha.* 9 ·26	12 ·00 / 13 ·93	22
27	Wed. 22	5 ·58	27 ·96	18	27	Tues. 22	8 ·51	7 ·65	21	27	Sun. 22	10 ·17	14 ·87	23
28	Thur. 23	6 ·62	... ...	19	28	Wed. 23	9 ·43	8 ·59	22	28	Mon. 23	11 ·09	15 ·84	24
29	Fri. 24	*Śrāvana.* 7 ·64	1 ·02	20	29	Thur. 24	10 ·33	9 ·53	23					
30	Sat. 25	8 ·63	2 ·06	21	30	Fri. 25	11 ·23	10 ·45	24	—29	Tues. 24	12 ·01 / 13 ·95	16 ·80	25
—31	Sun. 26	9 ·61	3 ·08	22	—31	Sat. 26	12 ·13	11 ·39	25	1	Wed. 25	14 ·91	17 ·78	26
1	Mon. 27	10 ·57	4 ·08	23	1	Sun. 27	13 ·03 / 14 ·94	12 ·33	26	2	Thur. 26	—A ·90	18 ·78	27
2	Tues. 28	11 ·52	5 ·06	24	2	Mon. 28	—A ·86	13 ·26	27	3	Fri. 27	1 ·90	19 ·80	28
3	Wed. 29	12 ·44	6 ·02 / 7 ·97	25	3	Tues. 29	1 ·78	14 ·21	28	4	Sat. 28	2 ·92	20 ·85	—29
4	Thur. 30	13 ·35	8 ·92	26	4	Wed. 30	2 ·72	15 ·16	—29	5	Sun. 29	3 ·96	21 ·91	1
5	Fri. 31	14 ·25	9 ·85	27						6	Mon. 30	... ...	22 ·98	2
	Aug.					**Oct.**					**Dec.**			
										Viśvāvasu.				
Viśvāvasu.										**Dhanus—Mārgali.**				
Simha—Āvani.														
6	Sat. 1	—A ·15	10 ·78	28	5	Thur. 1	3 ·68	16 ·13	1	7	Tues. 1	4 ·02	... ...	3
7	Sun. 2	1 ·04 / 2 ·94	11 ·71	—29	6	Fri. 2	4 ·65	17 ·13	2	8	Wed. 2	5 ·10	23 ·08	4
8	Mon. 3	3 ·85	12 ·64	1	7	Sat. 3	5 ·65	18 ·14	3	9	Thur. 3	6 ·18	24 ·18	5
9	Tues. 4	4 ·76	13 ·59	2	8	Sun. 4	6 ·67	19 ·17	4	10	Fri. 4	7 ·28	25 ·30	6
10	Wed. 5	5 ·68	14 ·54	3	9	Mon. 5	7 ·71	20 ·22	5	11	Sat. 5	8 ·36	26 ·40	7
11	Thur. 6	*Śukla.* 6 ·61	15 ·50	4	10	Tues. 6	*Śukla.* 8 ·77	21 ·28	6	12	Sun. 6	*Śukla.* 9 ·44	27 ·49	8
12	Fri. 7	7 ·57	16 ·48	5	11	Wed. 7	9 ·84	22 ·38	7	13	Mon. 7	10 ·50	1 ·57	9
13	Sat. 8	8 ·55	17 ·48	6	12	Thur. 8	10 ·92	23 ·48	8	14	Tues. 8	11 ·54	2 ·63	10
14	Sun. 9	9 ·54	18 ·50	7	13	Fri. 9	... ...	24 ·59	9	15	Wed. 9	12 ·56	3 ·67	11
15	Mon. 10	10 ·56	19 ·54	8	14	Sat. 10	11 ·01	25 ·69	10	16	Thur. 10	13 ·56	4 ·70	12
16	Tues. 11	11 ·60	20 ·60	9	15	Sun. 11	12 ·10	26 ·79	11	17	Fri. 11	14 ·55	5 ·70	13
17	Wed. 12	12 ·65	21 ·68	10	16	Mon. 12	13 ·18	27 ·89	12	18	Sat. 12	P ·51	6 ·68	14
18	Thur. 13	13 ·72	22 ·77	11	17	Tues. 13	14 ·24	1 ·96	13	19	Sun. 13	1 ·45	7 ·65	15
19	Fri. 14	14 ·81	23 ·87	12	18	Wed. 14	P ·28	... ..	14	20	Mon. 14	2 ·38	8 ·61	16
20	Sat. 15	P ·89	24 ·99	13	19	Thur. 15	1 ·29	2 ·01	15	21	Tues. 15	3 ·29	9 ·54	17
21	Sun. 16	1 ·97	.. .	14	20	Fri. 16	2 ·29	3 ·04	16	22	Wed. 16	4 ·20	10 ·48	18
22	Mon. 17	. ...	25 ·09	15	21	Sat. 17	3 ·27	4 ·05	17	23	Thur. 17	5 ·10	11 ·41	19
23	Tues. 18	2 ·03	26 ·19	16	22	Sun. 18	4 ·23	5 ·05	18	24	Fri. 18	6 ·00 / 7 ·90	12 ·34	20
24	Wed. 19	3 ·09	27 ·27	17	23	Mon. 19	5 ·18	6 ·02 / 7 ·98	19	25	Sat. 19	8 ·81	13 ·27	21
25	Thur. 20	4 ·14	1 ·33	18	24	Tues. 20	6 ·11	8 ·93	20	26	Sun. 20	9 ·73	14 ·22	22
26	Fri. 21	*Bahula.* 5 ·16	2 ·38	19	25	Wed. 21	*Bahula.* 7 ·02 / 8 ·92	9 ·86	21	27	Mon. 21	10 ·66	15 ·16	23
27	Sat. 22	6 ·15	3 ·40	20						28	Tues. 22	11 ·60	16 ·13	24
28	Sun. 23	7 ·13	4 ·40	21	26	Thur. 22	9 ·82	10 ·80	22	29	Wed. 23	12 ·56	17 ·11	25
29	Mon. 24	8 ·08	5 ·38	22	27	Fri. 23	10 ·72	11 ·78	23	—30	Thur. 24	13 ·55	18 ·10	26
30	Tues. 25	9 ·02 / 10 ·95	6 ·35	23	28	Sat. 24	11 ·63	12 ·66	24	1	Fri. 25	14 ·54	19 ·12	27
					29	Sun. 25	12 ·54	13 ·60	25	2	Sat. 26	—A ·56	20 ·16	28
—31	Wed. 26	11 ·87	7 ·31	24	—30	Mon. 26	13 ·46	14 ·54	26	3	Sun. 27	1 ·60	21 ·21	29
1	Thur. 27	12 ·77	8 ·25	25	1	Tues. 27	14 ·38	15 ·49	27	4	Mon. 28	2 ·67	22 ·29	—30
2	Fri. 28	13 ·67	9 ·19	26	2	Wed. 28	—A ·32	16 ·47	28	5	Tues. 29	3 ·75	23 ·38	1
3	Sat. 29	14 ·57	10 ·12	27	3	Thur. 29	1 ·28	17 ·46	29	6	Wed. 30	4 ·83	24 ·48	2
4	Sun. 30	—A ·47	11 ·05 / 12 ·99	28	4	Fri. 30	2 ·26	18 ·46	—30	7	Thur. 31	5 ·92	25 ·59	3
5	Mon. 31	1 ·38	13 ·93	29	5	Sat. 31	3 ·26	19 ·48	1					

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24 Śatab.

A.D. 1126. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·34.** **Śaka 1048.** **Kaliyuga 4227.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·29.** **(S. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1		26 ·70	4	8	Mon.	1	5 ·41	3 ·62	4	8	Sat.	1	7 ·29	9 ·23	6
9	Sat.	2	6 ·00	27 ·80	5	9	Tues.	2	6 ·42	4 ·66	5	9	Sun.	2	8 ·20	10 ·18	7
10	Sun.	3	7 ·08	1 ·88	6	10	Wed.	3	7 ·42	5 ·67	6	10	Mon.	3	9 ·11	11 ·11	8
11	Mon.	4	8 ·14	2 ·94	7	11	Thur.	4	8 ·40	6 ·67	7	11	Tues.	4	10 ·00	12 ·04	9
12	Tues.	5	9 ·19	... ...	8	12	Fri.	5	9 ·36	7 ·65	8				11 ·90	13 ·97	
13	Wed.	6	10 ·20	3 ·00	9	13	Sat.	6	10 ·30	8 ·61	9	12	Wed.	5	12 ·80	14 ·90	10
14	Thur.	7	11 ·20	4 ·02	10	14	Sun.	7	11 ·23	9 ·56	10	13	Thur.	6	13 ·71	15 ·84	11
15	Fri.	8	12 ·19	5 ·03	11	15	Mon.	8	12 ·14	10 ·49	11	14	Fri.	7	14 ·62	16 ·80	12
16	Sat.	9	13 ·14	6 ·01	12	16	Tues.	9	13 ·05	11 ·44	12	15	Sat.	8	P ·54	17 ·76	13
17	Sun. ○	10	14 ·08	8 ·94	13	17	Wed.	10	14 ·95	P ·85	13	16	Sun.	9	1 ·48	18 ·73	14
18	Mon.	11	P ·01	9 ·86	14	18	Thur.	11	1 ·75	13 ·29	14	17	Mon.	10	2 ·43	19 ·72	15
19	Tues.	12	1 ·93	10 ·82	15	19	Fri.	12	2 ·65	14 ·23	15	18	Tues.	11	3 ·41	20 ·74	16
20	Wed.	13	2 ·84	11 ·75	16	20	Sat.	13	3 ·57	15 ·17	16	19	Wed.	12	4 ·40	21 ·77	17
21	Thur.	14	3 ·74	12 ·68	17	21	Sun.	14	4 ·50	16 ·12	17	20	Thur.	13	5 ·43	22 ·82	18
22	Fri.	15	4 ·64	13 ·62	18	22	Mon.	15	5 ·44	17 ·10	18	21	Fri.	14	6 ·47	23 ·90	19
23	Sat.	16	5 ·54	14 ·56	19	23	Tues.	16	6 ·39	18 ·08	19	22	Sat.	15	7 ·52	24 ·98	20
24	Sun.	17	6 ·45	15 ·50	20	24	Wed.	17	7 ·37	19 ·08	20	23	Sun.	16	8 ·58	... ...	21
25	Mon.	18	7 ·37	16 ·46	21	25	Thur.	18	8 ·37	20 ·10	21	24	Mon.	17	9 ·66	25 ·09	22
26	Tues.	19	8 ·30	17 ·43	22	26	Fri.	19	9 ·38	21 ·14	22	25	Tues.	18	10 ·75	26 ·19	23
27	Wed.	20	9 ·24	18 ·43	23	27	Sat.	20	10 ·42	22 ·21	23	26	Wed.	19	11 ·83	27 ·31	24
28	Thur.	21	10 ·20	19 ·44	24	28	Sun.	21	11 ·48	23 ·29	24	27	Thur.	20	12 ·90	1 ·40	25
29	Fri.	22	11 ·18	20 ·47	25	29	Mon.	22	12 ·56	24 ·38	25	28	Fri.	21	13 ·95	2 ·49	26
1	Sat.	23	12 ·18	21 ·52	26	30	Tues.	23	13 ·64	25 ·49	26	29	Sat.	22	14 ·99	3 ·56	27
2	Sun.	24	13 ·20	22 ·59	27	1	Wed.	24	14 ·72	26 ·59	27	30	Sun.	23	... ...	4 ·61	28
3	Mon.	25	14 ·24	24 ·68	28	2	Thur.	25	A ·80	27 ·71	28	31	Mon.	24	A ·00	5 ·64	29
4	Tues.	26	A ·30	23 ·78	29	3	Fri.	26	1 ·87	1 ·80	29	32	Tues.	25	1 ·99		
5	Wed.	27	1 ·37	24 ·78	1	4	Sat.	27	2 ·93	2 ·88	1	1	Wed.	26	2 ·97	6 ·65	1
6	Thur.	28	2 ·46	25 ·89	2	5	Sun.	28	3 ·97	3 ·94	2	2	Thur.	27	3 ·92	7 ·63	2
7	Fri.	29	3 ·55	... ...	3	6	Mon.	29	4 ·99	4 ·97	3	3	Fri.	28	4 ·86	8 ·61	3
8	Sat.	30	4 ·64	26 ·00	4	7	Tues.	30	5 ·98	... ...	4	4	Sat.	29	5 ·78	9 ·57	4
9	Sun.	31	5 ·71	27 ·10	5	8	Wed.	31	6 ·95	5 ·00	5	5	Sun.	30	6 ·69	10 ·52	5
			6 ·77	1 ·18								6	Mon.	31	7 ·59	11 ·45	6
	Feb.						**April.**						**June.**		8 ·49	12 ·38	7
10	Mon.	1	7 ·82	2 ·26	6	9	Thur.	1	7 ·91	6 ·00	6	7	Tues.	1	9 ·39	13 ·31	8
11	Tues.	2	8 ·83	3 ·31	7					7 ·98		8	Wed.	2	10 ·29	14 ·25	9
12	Wed.	3	9 ·83	4 ·34	8	10	Fri.	2	8 ·85	8 ·94	7	9	Thur.	3	11 ·19	15 ·19	10
13	Thur.	4	10 ·81	5 ·35	9	11	Sat.	3	9 ·78	9 ·89	8	10	Fri.	4	12 ·10	16 ·13	11
14	Fri.	5	11 ·77	6 ·34	10	12	Sun.	4	10 ·69	10 ·83	9	11	Sat.	5	13 ·02	17 ·09	12
15	Sat.	6	12 ·71	7 ·32	11	13	Mon.	5	11 ·59	11 ·77	10				14 ·96		
16	Sun.	7	13 ·63	8 ·28	12	14	Tues.	6	12 ·49	12 ·70	11	12	Sun.	6	P ·92	18 ·06	13
17	Mon.	8	14 ·55	9 ·22	13	15	Wed.	7	13 ·39	13 ·63	12	13	Mon.	7	1 ·89	19 ·05	14
18	Tues.	9	P ·46	10 ·16	14	16	Thur.	8	14 ·29	14 ·57	13	14	Tues.	8	2 ·88	20 ·06	15
19	Wed.	10	1 ·36	11 ·09	15	17	Fri.	9	P ·19	15 ·50	14	15	Wed.	9	3 ·91	21 ·09	16
20	Thur.	11	2 ·26	12 ·08	16	18	Sat.	10	1 ·11	16 ·46	15	16	Thur.	10	4 ·94	22 ·13	17
				13 ·96					2 ·04			17	Fri.	11	... ...	23 ·20	18
21	Fri.	12	3 ·16	14 ·89	17	19	Sun.	11	3 ·98	17 ·43	16	18	Sat.	12	5 ·00	24 ·28	19
22	Sat.	13	4 ·07	15 ·84	18	20	Mon.	12	4 ·98	18 ·40	17	19	Sun.	13	6 ·07	25 ·39	20
			5 ·98			21	Tues.	13	5 ·91	19 ·40	18	20	Mon.	14	7 ·15	26 ·50	21
23	Sun.	14	6 ·91	16 ·79	19	22	Wed.	14	6 ·90	20 ·41	19	21	Tues.	15	8 ·23	27 ·60	22
24	Mon.	15	7 ·85	17 ·76	20	23	Thur.	15	7 ·92	21 ·46	20	22	Wed.	16	9 ·31	1 ·70	23
25	Tues.	16	8 ·81	18 ·75	21	24	Fri.	16	8 ·96	22 ·52	21	23	Thur.	17	10 ·38	2 ·79	24
26	Wed.	17	9 ·79	19 ·76	22	25	Sat.	17	... ...	23 ·59	22	24	Fri.	18	11 ·43	3 ·88	25
27	Thur.	18	10 ·79	20 ·78	23	26	Sun.	18	9 ·01	24 ·68	23	25	Sat.	19	12 ·47	4 ·93	26
28	Fri.	19	11 ·81	21 ·83	24	27	Mon.	19	10 ·08	25 ·79	24	26	Sun.	20	13 ·48	5 ·96	27
29	Sat.	20	12 ·86	22 ·89	25	28	Tues.	20	11 ·16	26 ·90	25	27	Mon.	21	14 ·47	6 ·97	28
30	Sun.	21	13 ·91	23 ·99	26	29	Wed.	21	12 ·25	... ...	26	28	Tues. ●	22	A ·44	7 ·96	29
1	Mon.	22	14 ·98	... ...	27	30	Thur.	22	13 ·33	27 ·01	27	29	Wed.	23	1 ·40	8 ·95	30
2	Tues.	23	... ...	24 ·09	28	31	Fri.	23	14 ·40	1 ·10	28	30	Thur.	24	2 ·33	9 ·90	1
3	Wed.	24	A ·07	25 ·19	29	1	Sat.	24	A ·45	2 ·18	29	31	Fri.	25	3 ·25	10 ·85	2
4	Thur.	25	1 ·16	26 ·30	30	2	Sun.	25	1 ·49	3 ·25	30	1	Sat.	26	4 ·17	11 ·79	3
5	Fri.	26	2 ·24	27 ·40	1	3	Mon.	26	2 ·51	4 ·29	1	2	Sun.	27	5 ·07	12 ·72	4
6	Sat.	27	3 ·31	1 ·50	2	4	Tues.	27	3 ·50	5 ·32	2				6 ·98		
7	Sun.	28	4 ·37	2 ·57	3	5	Wed.	28	4 ·48	6 ·32	3	3	Mon.	28	7 ·87	13 ·66	5
						6	Thur.	29	5 ·44	7 ·31	4	4	Tues.	29	8 ·77	14 ·59	6
						7	Fri.	30	6 ·37	8 ·27	5	5	Wed.	30	9 ·67	15 ·52	7

Vitdvasu. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *Śukla.* **Phālguna.** *Bahula.* *Vitdvasu.* **Kumbha—Māśi.** *Śukla.* *Bahula.* *Vitdvasu.* **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* *Parābhava.* **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* *Parābhava.* **Vrishabha—Vaigāśi.** *Bahula.* **Adhika Jyeshtha.** *Śukla.* *Parābhava.* **Mithuna—Āni.** *Bahula.* **Nija Jyeshtha.** *Śukla.*

H. 519 *Zi-l-hijja.* *H.* 520 *Muharram.* *H.* 520 *Śafar.* *H.* 520 *Rabi-ul awwal.* *H.* 520 *Rabi-ul ākhir.* *H.* 520 *Jamāda'l awwal.*

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1126. **Kollam 302,** { **N. Malabar—Aug.** **Hijra 520.** **Vikrama 1183.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Jan. 27.** **Bengal San. 532.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Pārābhava.					*Parābhava.*					*Parābhava.*				
Karkataka—Ādi.		*Bahula.* **Āshādha.**			**Kanyā—Purattāśi.**		*Bahula.* **Bhādrapada.**			**Vriśchika—Kārttigai.**		*Bahula.* **Kārttika.**		
6	Thur. 1	10 ·58	16 ·46	8	5	Wed. 1	13 ·45	23 ·13	11	6	Mon. 1	14 ·01	2 ·31	13
7	Fri. 2	11 ·50	17 ·42	9	6	Thur. 2	14 ·50	24 ·20	12	7	Tues. 2	P ·08	3 ·40	14
8	Sat. 3	12 ·44	18 ·39	10	7	Fri. 3	P ·58	25 ·29	13	8	Wed. 3	1 ·15	4 ·49	15
9	Sun. 4	13 ·40	19 ·38	11	8	Sat. 4	1 ·66	26 ·39	14	9	Thur. 4	2 ·19	5 ·54	16
10	Mon. 5	14 ·37	20 ·30	12	9	Sun. 5	2 ·75	27 ·51	15	10	Fri. 5	3 ·20	6 ·58	17
11	Tues. ○ 6	P ·37	21 ·40	13	10	Mon. 6	3 ·83	1 ·61	16	11	Sat. 6	4 ·20	7 ·59	18
12	Wed. 7	1 ·39	22 ·44	14	11	Tues. 7	4 ·90	2 ·71	17	12	Sun. 7	5 ·18	8 ·59	19
13	Thur. 8	2 ·42	23 ·51	15	12	Wed. 8	5 ·96	3 ·79	18	13	Mon. 8	6 ·14	9 ·57	20
14	Fri. 9	3 ·48	24 ·60	16	13	Thur 9	6 ·99	4 ·86	19	14	Tues. 9	7 ·08	10 ·53	21
15	Sat. 10	4 ·55	25 ·69	17	14	Fri. 10	... ...	5 ·92	20	15	Wed. 10	8 ·00	11 ·48	22
16	Sun. 11	5 ·63	26 ·80	18	15	Sat. 11	7 ·10	6 ·94	21			9 ·92		
17	Mon. 12	6 ·71	27 ·90	19			8 ·00			16	Thur. 11	*Bahula.* 10 ·83	12 ·42	*H.* 523
18	Tues. 13	7 ·79	... ...	20	16	Sun. 12	9 ·98	7 ·95	22	17	Fri. 12	11 ·74	13 ·35	24
19	Wed. 14	8 ·86	1 ·00	21	17	Mon. 13	*Bahula.* 10 ·94	8 ·93	23	18	Sat. 13	12 ·64	14 ·29	25
20	Thur. 15	9 ·91	2 ·10	22	18	Tues. 14	11 ·87	9 ·90	24	19	Sun. 14	13 ·54	15 ·22	26
21	Fri. 16	10 ·95	3 ·18	23	19	Wed. 15	12 ·80	10 ·86	25	20	Mon. 15	14 ·45	16 ·15	27
22	Sat. 17	11 ·96	4 ·24	24	20	Thur. 16	13 ·71	11 ·81	26	21	Tues. 16	—A ·36	17 ·09	28
23	Sun. 18	12 ·96	5 ·28	25	21	Fri. 17	14 ·62	12 ·74	27	22	Wed. 17	1 ·29	18 ·04	—29
24	Mon. 19	13 ·93	6 ·29	26	22	Sat. 18	—A ·52	13 ·67	28	23	Thur. 18	2 ·24	19 ·02	1
25	Tues. 20	14 ·89	7 ·30	27	23	Sun. 19	1 ·42	14 ·60	—29	24	Fri. 19	3 ·20	20 ·00	2
26	Wed. 21	—A ·82	8 ·28	28	24	Mon. 20	2 ·32	15 ·53	1	25	Sat. 20	4 ·18	21 ·00	3
27	Thur. 22	1 ·75	9 ·24	—29	25	Tues. 21	3 ·23	16 ·48	2	26	Sun. 21	5 ·19	22 ·02	4
28	Fri. 23	2 ·66	10 ·19	1	26	Wed. 22	4 ·15	17 ·43	3	27	Mon. 22	6 ·21	23 ·06	5
29	Sat. 24	3 ·56	11 ·13	2	27	Thur. 23	5 ·08	18 ·38	4	28	Tues. 23	7 ·25	24 ·12	6
30	Sun. 25	4 ·46	12 ·07	3			6 ·02			29	Wed. 24	8 ·31	25 ·20	7
			13 ·00		28	Fri. 24	7 ·97	19 ·35	5	—30	Thur. 25	9 ·39	26 ·30	8
31	Mon. 26	5 ·36	14 ·93	4	29	Sat. 25	8 ·96	20 ·34	6	1	Fri. 26	10 ·48	27 ·40	9
—32	Tues. 27	6 ·26	15 ·86	5	—30	Sun. 26	9 ·95	21 ·36	7	2	Sat. 27	11 ·57	1 ·50	10
1	Wed. 28	*Sukla.* 7 ·16	16 ·80	6	1	Mon. 27	*Sukla.* 10 ·98	22 ·39	8	3	Sun. 28	12 ·65	2 ·61	11
		8 ·07			2	Tues. 28	... ...	23 ·44	9	4	Mon. 29	13 ·72	3 ·72	12
2	Thur. 29	9 ·99	17 ·75	7	3	Wed. 29	11 ·01	24 ·51	10	5	Tues. 30	14 ·78	4 ·79	13
3	Fri. 30	10 ·93	18 ·72	8	4	Thur. 31	12 ·07	25 ·59	11					
4	Sat. 31	11 ·89	19 ·70	9										
	Aug.					**Oct.**					**Dec.**			
Pārābhava.										*Pārābhava.*				
Simha—Āvani.		*Bahula.* **Śrāvana.**			*Parābhava.* **Tulā—Aippasi.**		*Bahula.* **Āśvina.**			**Dhanus—Mārgali.**		*Bahula.* **Mārgaśirsha.**		
5	Sun. 1	12 ·86	20 ·70	10	5	Fri. 1	13 ·15	26 ·70	12	6	Wed. 1	P ·83	5 ·85	14
6	Mon. 2	13 ·86	21 ·71	11	6	Sat. 2	14 ·23	27 ·81	13	7	Thur. 2	1 ·84	6 ·89	15
7	Tues. 3	14 ·88	22 ·75	12	7	Sun. 3	P ·32	1 ·91	14	8	Fri. 3	2 ·84	7 ·92	16
8	Wed. 4	P ·92	23 ·82	13	8	Mon. 4	1 ·40	... ...	15	9	Sat. 4	3 ·82	8 ·92	17
9	Thur. 5	1 ·98	24 ·90	14	9	Tues. 5	2 ·48	2 ·01	16	10	Sun. 5	4 ·78	9 ·90	18
10	Fri. 6	... ...	25 ·99	15	10	Wed. 6	3 ·54	3 ·10	17	11	Mon. 6	5 ·72	10 ·87	19
11	Sat. 7	2 ·05	... ...	16	11	Thur. 7	4 ·58	4 ·18	18	12	Tues. 7	6 ·64	11 ·82	20
12	Sun. 8	3 ·13	26 ·09	17	12	Fri. 8	*Bahula.* 5 ·59	5 ·23	19	13	Wed. 8	7 ·56	12 ·76	21
13	Mon. 9	4 ·21	27 ·20	18	13	Sat. 9	6 ·58	6 ·26	20	14	Thur. 9	8 ·47	13 ·70	22
14	Tues. 10	5 ·29	1 ·31	19	14	Sun. 10	7 ·56	7 ·27	21	15	Fri. 10	9 ·38	14 ·63	23
15	Wed. 11	6 ·36	2 ·41	20	15	Mon. 11	8 ·52	8 ·26	22	16	Sat. 11	*Bahula.* 10 ·29	15 ·56	24
16	Thur. 12	7 ·42	3 ·49	21	16	Tues. 12	9 ·46	9 ·23	23	17	Sun. 12	11 ·19	16 ·49	25
17	Fri. 13	8 ·45	4 ·55	22	17	Wed. 13	10 ·39	10 ·20	24	18	Mon. 13	12 ·09	17 ·43	26
18	Sat. 14	9 ·47	5 ·59	23	18	Thur. 14	11 ·31	11 ·15	25			13 ·01		
19	Sun. 15	10 ·46	6 ·62	24	19	Fri. 15	12 ·21	12 ·08	26	19	Tues. 14	14 ·94	18 ·39	27
20	Mon. 16	11 ·43	7 ·62	25				13 ·01		20	Wed. 15	—A ·88	19 ·35	28
21	Tues. 17	12 ·39	8 ·60	26	20	Sat. 16	13 ·11	14 ·94	27	21	Thur. 16	1 ·84	20 ·32	29
22	Wed. 18	13 ·33	9 ·57	27			14 ·01			22	Fri. 17	2 ·88	21 ·32	—30
23	Thur. 19	14 ·26	10 ·52	28	21	Sun. 17	A ·92	15 ·88	28	23	Sat. 18	3 ·83	22 ·33	1
24	Fri. 20	—A ·17	11 ·47	29	22	Mon. 18	1 ·83	16 ·82	29	24	Sun. 19	4 ·85	23 ·37	2
		1 ·07			23	Tues. 19	2 ·74	17 ·76	—30	25	Mon. 20	5 ·90	24 ·43	3
25	Sat. 21	2 ·97	12 ·41	—30	24	Wed. 20	3 ·67	18 ·71	1	26	Tues. 21	*Sukla.* 6 ·96	25 ·51	4
26	Sun. 22	3 ·87	13 ·34	1	25	Thur. 21	4 ·61	19 ·68	2	27	Wed. 22	... ...	26 ·60	5
27	Mon. 23	4 ·77	14 ·27	2	26	Fri. 22	*Sukla.* 5 ·57	20 ·67	3	28	Thur. 23	7 ·03	27 ·70	6
28	Tues. 24	5 ·67	15 ·20	3	27	Sat. 23	6 ·56	21 ·68	4	—29	Fri. 24	8 ·12	1 ·80	7
29	Wed. 25	6 ·59	16 ·14	4	28	Sun. 24	7 ·55	22 ·70	5	1	Sat. 25	9 ·21	2 ·92	8
30	Thur. 26	7 ·52	17 ·09	5	29	Mon. 25	8 ·58	23 ·75	6	2	Sun. 26	10 ·30	... ...	9
—31	Fri. 27	8 ·46	18 ·05	6	—30	Tues. 26	9 ·62	24 ·81	7	3	Mon. 27	11 ·38	3 ·02	10
1	Sat. 28	9 ·42	19 ·03	7	1	Wed. 27	10 ·68	25 ·90	8	4	Tues. 28	12 ·44	4 ·10	11
2	Sun. 29	10 ·40	20 ·02	8	2	Thur. 28	11 ·76	... ...	9	5	Wed. 29	13 ·47	5 ·16	12
3	Mon. 30	11 ·39	21 ·03	9	3	Fri. 29	Kārt. 12 ·85	26 ·00	10	6	Thur. 30	14 ·49	6 ·21	13
4	Tues. 31	12 ·41	22 ·07	10	4	Sat. 30	13 ·98	27 ·10	11	7	Fri. 31	P ·49	7 ·24	14
H. 520 *Śha'bān.*					5	Sun 31	... ...	1 ·21	12					

H. 520 *Jamāda'l ākhir.* | *H.* 520 *Rajab.* | *H.* 520 *Ramazān.* | *H.* 520 *Shawwāl.* | *H.* 520 *Zi-l-ka'da.* | *H.* 520 *Zi-l-hijja.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1127. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·60. **Śaka 1049.** **Kaliyuga 4228.**
Lunar Eclipse. ○ (Arya Sid.) March 24·55. **(S. Cycle) Plavaṅga.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1		8 ·25	15	8	Tues. 1	1 ·43	13 ·71	14	8	Sun. 1	4 ·86	19 ·02 / 20 ·97	16
9	Sun. 2		9 ·23	16	9	Wed. 2	2 ·34	14 ·65	15					
10	Mon. 3		10 ·20	17	10	Thur. 3	3 ·24	15 ·58	16	9	Mon. 2	5 ·80	21 ·95	17
11	Tues. 4		11 ·15	18	11	Fri. 4	4 ·14	16 ·51	17	10	Tues. 3	6 ·75	22 ·94	18
12	Wed. 5		12 ·10	19	12	Sat. 5	5 ·04 / 6 ·95	17 ·45	18	11	Wed. 4	7 ·73	23 ·95	19
13	Thur. 6		13 ·04 / 14 ·97	20	13	Sun. 6	7 ·87	18 ·39	19	12	Thur. 5	8 ·73	24 ·99	20
										13	Fri. 6	9 ·75	... ...	21
14	Fri. 7		15 ·90	21	14	Mon. 7	8 ·80	19 ·34	20	14	Sat. 7	10 ·79	25 ·04	22
					15	Tues. 8	9 ·74	20 ·31	21	15	Sun. 8	11 ·84	26 ·12	23
15	Sat. 8		16 ·83	22	16	Wed. 9	10 ·69	21 ·30	22	16	Mon. 9	12 ·91	27 ·20	24
16	Sun. 9		17 ·77	23	17	Thur. 10	11 ·68	22 ·30	23	17	Tues. 10	... ...	1 ·30	25
17	Mon. 10		18 ·72	24	18	Fri. 11	12 ·67	23 ·32	24	18	Wed. 11	13 ·00	2 ·41	26
18	Tues. 11		19 ·68	25	19	Sat. 12	13 ·70	24 ·36	25	19	Thur. 12	14 ·08	3 ·53	27
19	Wed. 12		20 ·65	26	20	Sun. 13	14 ·74	25 ·42	26	20	Fri. 13	—A ·16	4 ·62	28
20	Thur. 13		21 ·64	27	21	Mon. 14	—A ·80	26 ·50	27	21	Sat. 14	1 ·23	5 ·71	—29
21	Fri. 14		22 ·65	28	22	Tues. 15	1 ·87	27 ·60	28	22	Sun. 15	2 ·29	6 ·78	1
22	Sat. 15		23 ·69	29	23	Wed. 16	2 ·95	1 ·71	—29	23	Mon. 16	3 ·31	7 ·82	2
23	Sun. 16		24 ·74	—30	24	Thur. 17	... ...	2 ·82	1	24	Tues. 17	4 ·32	8 ·86	3
24	Mon. 17		25 ·81	1	25	Fri. 18	3 ·05	3 ·92	2	25	Wed. 18	5 ·32	9 ·87	4
25	Tues. 18		26 ·90	2	26	Sat. 19	4 ·13	... ...	3	26	Thur. 19	6 ·29	10 ·85	5
26	Wed. 19		... ...	3	27	Sun. 20	5 ·20	4 ·01	4	27	Fri. 20	7 ·24	11 ·82	6
27	Thur. 20		27 ·00	4	28	Mon. 21	6 ·25	5 ·08	5	28	Sat. 21	8 ·18	12 ·78	7
28	Fri. 21		1 ·11	5	29	Tues. 22	7 ·29	6 ·16	6	29	Sun. 22	9 ·10	13 ·73	8
—29	Sat. 22		2 ·22	6	30	Wed. 23	8 ·30	7 ·20	7			10 ·01 / 11 ·91	14 ·87	
1	Sun. 23		3 ·31	7	—31	Thur. 24	9 ·30	8 ·21	8	30	Mon. 23			9
2	Mon. 24		4 ·40	8	1	Fri. 25	10 ·26	9 ·21	9	31	Tues. 24	12 ·81	15 ·60	10
3	Tues. 25		5 ·47	9	2	Sat. 26	11 ·21	10 ·20	10	—32	Wed. 25	13 ·71	16 ·53	11
4	Wed. 26		6 ·53	10	3	Sun. 27	12 ·15	11 ·16	11	1	Thur. 26	14 ·61	17 ·46	12
5	Thur. 27		7 ·55	11	4	Mon. 28	13 ·08	12 ·11	12	2	Fri. ○ 27	P ·52	18 ·41	13
6	Fri. 28		8 ·57	12	5	Tues. 29	14 ·00 / P ·90	13 ·05 / 14 ·99	13	3	Sat. 28	1 ·43	19 ·35	14
7	Sat. 29		9 ·56	13						4	Sun. 29	2 ·35	20 ·31	15
8	Sun. 30	P ·05 / 1 ·99	10 ·53	14	6	Wed. 30	1 ·80	15 ·92	14	5	Mon. 30	3 ·29	21 ·28	16
9	Mon. 31		11 ·50	15	7	Thur. 31	2 ·70	16 ·85	15	6	Tues. 31	4 ·24	22 ·26	17
	Feb.					**April.**					**June.**			
10	Tues. 1		12 ·44	16	8	Fri. 1	3 ·60	17 ·78	16	7	Wed. 1	5 ·22	23 ·28	18
11	Wed. 2		13 ·38	17	9	Sat. 2	4 ·51	18 ·72	17	8	Thur. 2	6 ·21	24 ·31	19
12	Thur. 3		14 ·31	18	10	Sun. 3	5 ·42	19 ·67	18	9	Fri. 3	7 ·23	25 ·35	20
13	Fri. 4		15 ·24	19	11	Mon. 4	6 ·34	20 ·64	19	10	Sat. 4	8 ·27	26 ·42	21
14	Sat. 5		16 ·17	20	12	Tues. 5	7 ·28	21 ·62	20	11	Sun. 5	9 ·33	27 ·51	22
15	Sun. 6		17 ·11	21	13	Wed. 6	8 ·24	22 ·62	21	12	Mon. 6	10 ·40	1 ·60	23
16	Mon. 7		18 ·05	22	14	Thur. 7	9 ·22	23 ·63	22	13	Tues. 7	11 ·48	2 ·72	24
			19 ·01 / 20 ·98		15	Fri. 8	10 ·21	24 ·67	23	14	Wed. 8	12 ·56	3 ·82	25
17	Tues. 8			23	16	Sat. 9	11 ·24	25 ·74	24	15	Thur. 9	13 ·64	4 ·93	26
18	Wed. 9		21 ·96	24	17	Sun. 10	12 ·28	26 ·81	25	16	Fri. 10	14 ·71	... ...	27
19	Thur. 10		22 ·98	25	18	Mon. 11	13 ·34	27 ·90	26	17	Sat. 11	—A ·76	5 ·01	28
20	Fri. 11		... ...	26	19	Tues. 12	14 ·41	... ...	27	18	Sun. 12	1 ·79	6 ·09	29
21	Sat. 12		23 ·00	27	20	Wed. 13	—A ·49	1 ·01	28	19	Mon. 13	2 ·81	7 ·15	—30
22	Sun. 13		24 ·05	28	21	Thur. 14	1 ·57	2 ·11	29	20	Tues. 14	3 ·80	8 ·18	1
23	Mon. 14		25 ·12	29	22	Fri. 15	2 ·66	3 ·22	—30	21	Wed. 15	4 ·77	9 ·19	2
24	Tues. 15		26 ·20	—30	23	Sat. 16	3 ·73	4 ·32	1	22	Thur. 16	5 ·72	10 ·18	3
25	Wed. 16		27 ·30	1	24	Sun. 17	4 ·78	5 ·40	2	23	Fri. 17	6 ·66	11 ·16	4
26	Thur. 17		1 ·41	2	25	Mon. 18	5 ·81	6 ·47	3	24	Sat. 18	7 ·58	12 ·12	5
27	Fri. 18		2 ·52	3	26	Tues. 19	6 ·82	7 ·51	4	25	Sun. 19	8 ·49	13 ·07	6
28	Sat. 19		3 ·62	4	27	Wed. 20	7 ·82	8 ·54	5				14 ·01 / 15 ·94	
29	Sun. 20		4 ·71	5	28	Thur. 21	8 ·79	9 ·54	6	26	Mon. 20	9 ·39		7
—30	Mon. 21		5 ·79	6	29	Fri. 22	9 ·75	10 ·53	7	27	Tues. 21	10 ·29	16 ·87	8
1	Tues. 22		6 ·83	7	—30	Sat. 23	10 ·69	11 ·49	8	28	Wed. 22	11 ·19	17 ·80	9
2	Wed. 23		7 ·88	8	1	Sun. 24	11 ·61	12 ·45	9			12 ·08 / 13 ·98	18 ·74	
3	Thur. 24		8 ·89	9	2	Mon. 25	12 ·52	13 ·39	10	29	Thur. 23			10
4	Fri. 25		9 ·88	10	3	Tues. 26	13 ·42	14 ·33	11	30	Fri. 24	14 ·90	19 ·68	11
5	Sat. 26		10 ·86	11	4	Wed. 27	14 ·32	15 ·26	12	—31	Sat. 25	P ·83	20 ·64	12
6	Sun. 27		11 ·83	12	5	Thur. 28	P ·22	16 ·19	13	1	Sun. 26	1 ·77	21 ·60	13
7	Mon. 28		12 ·78	13	6	Fri. 29	1 ·12	17 ·12	14	2	Mon. 27	2 ·72	22 ·59	14
					7	Sat. 30	2 ·02 / 3 ·93	18 ·06	15	3	Tues. 28	3 ·70	23 ·60	15
										4	Wed. 29	4 ·69	24 ·62	16
										5	Thur. 30	5 ·70	25 ·66	17

Pārdhava. **Makara—Tai.** *Pārdhava.* **Kumbha—Māśi.** *Plavaṅga.* **Mēsha—Chittirai.** *Plavaṅga.* **Mithuna—Āni.** *Plavaṅga.* **Vrishabha—Vaigāśi.** **Āshāḍha.**

Bahula. **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* *Bahula.* **Chaitra.** *Śukla.* *Bahula.* **Vaiśākha.** *Śukla.* *Bahula.* **Jyeshṭha.** *Śukla.* *Bahula.*

H. 520 *Zi-l-hijja.* *H.* 521 *Muharram.* *H.* 521 *Ṣafar.* *H.* 521 *Rabī-ul awwal.* *H.* 521 *Rabī-ul ākhir.* *H.* 521 *Jamādaʾl awwal.* *H.* 521 *Jamādaʾl ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1127. **Kollam 303,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 521.** Commences **Jan. 17.** **Vikrama 1184.** **Bengal San. 533.** **(N. Cycle) Sādhāraṇa.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Fri. 1	6 ·74	26 ·73	18	5	Thur. 1	8 ·22	... ...	21	6	Tues. 1	10 ·42	12 ·78	23
7	Sat. 2	7 ·80	27 ·81	19	6	Fri. 2	9 ·26	6 ·01	22	7	Wed. 2	11 ·36	13 ·75	24
8	Sun. 3	8 ·88	1 ·91	20	7	Sat. 3	10 ·30	7 ·08	23	8	Thur. 3	12 ·29	14 ·70	25
9	Mon. 4	9 ·96	... ...	21	8	Sun. 4	11 ·31	8 ·13	24	9	Fri. 4	13 ·20	15 ·64	26
10	Tues. 5	... ...	2 ·01	22	9	Mon. 5	12 ·31	9 ·15	25	10	Sat. 5	14 ·11	16 ·57	27
11	Wed. 6	10 ·05	3 ·12	23	10	Tues. 6	13 ·28	10 ·17	26	11	Sun. 6	A ·02	17 ·50	28
12	Thur. 7	11 ·13	4 ·23	24	11	Wed. 7	14 ·23	11 ·15	27			1 ·92		
13	Fri. 8	12 ·19	5 ·32	25	12	Thur. 8	—A ·17	12 ·12	28	12	Mon. 7	2 ·82	18 ·44	—29
14	Sat. 9	13 ·24	6 ·40	26	13	Fri. 9	1 ·09	13 ·08	—29	13	Tues. 8	3 ·73	19 ·37	1
15	Sun. 10	14 ·27	7 ·45	27	14	Sat. 10	2 ·01	14 ·02	1	14	Wed. 9	4 ·65	20 ·31	2
16	Mon. 11	—A ·29	8 ·50	28			3 ·92	15 ·96		15	Thur. 10	5 ·58	21 ·26	3
17	Tues. 12	1 ·28	9 ·51	—29	15	Sun. 11	4 ·82	16 ·89	2	16	Fri. 11	6 ·53	22 ·23	4
18	Wed. 13	2 ·25	10 ·51	1	16	Mon. 12	5 ·72	17 ·82	3	17	Sat. 12	7 ·49	23 ·21	5
19	Thur. 14	3 ·20	11 ·50	2	17	Tues. 13	6 ·62	18 ·75	4	18	Sun. 13	8 ·47	24 ·22	6
20	Fri. 15	4 ·14	12 ·46	3	18	Wed. 14	7 ·52	19 ·69	5	19	Mon. 14	9 ·47	25 ·24	7
21	Sat. 16	5 ·06	13 ·41	4	19	Thur. 15	8 ·44	20 ·64	6	20	Tues. 15	10 ·49	26 ·28	8
		6 ·97			20	Fri. 16	9 ·37	21 ·60	7	21	Wed. 16	11 ·54	27 ·32	9
22	Sun. 17	7 ·87	14 ·35	5	21	Sat. 17	10 ·31	22 ·57	8	22	Thur. 17	12 ·61	1 ·41	10
23	Mon. 18	8 ·77	15 ·38	6	22	Sun. 18	11 ·27	23 ·56	9	23	Fri. 18	13 ·69	2 ·51	11
24	Tues. 19	9 ·67	16 ·21	7	23	Mon. 19	12 ·25	24 ·57	10	24	Sat. 19	14 ·77	3 ·62	12
25	Wed. 20	10 ·57	17 ·15	8	24	Tues. 20	13 ·25	25 ·61	11	25	Sun. ○ 20	P ·86	4 ·73	13
26	Thur. 21	11 ·47	18 ·08	9	25	Wed. 21	14 ·28	26 ·66	12	26	Mon. 21	1 ·94	5 ·83	14
			19 ·02		26	Thur. 22	P ·32	27 ·73	13	27	Tues. 22	... ...	6 ·98	15
27	Fri. 22	12 ·39	20 ·97	10	27	Fri. 23	1 ·39	1 ·81	14	28	Wed. 23	2 ·01	... ...	16
28	Sat. 23	13 ·31	21 ·94	11	28	Sat. 24	2 ·46	2 ·91	15	29	Thur. 24	3 ·07	7 ·01	17
29	Sun. 24	14 ·25	22 ·92	12	29	Sun. 25	3 ·55	... ...	16	—30	Fri. 25	4 ·10	8 ·07	18
30	Mon. 25	P ·21	23 ·92	13	—30	Mon. 26	4 ·64	3 ·02	17	1	Sat. 26	5 ·13	9 ·11	19
31	Tues. 26	1 ·19	24 ·93	14	1	Tues. 27	5 ·72	4 ·13	18	2	Sun. 27	6 ·12	10 ·13	20
—32	Wed. 27	2 ·18	25 ·97	15	2	Wed. 28	6 ·79	5 ·23	19	3	Mon. 28	7 ·10	11 ·13	21
1	Thur. 28	3 ·20	... ...	16	3	Thur. 29	7 ·84	6 ·32	20			8 ·06		
2	Fri. 29	4 ·24	26 ·03	17	4	Fri. 30	8 ·87	7 ·39	21	4	Tues. 29	9 ·99	12 ·12	22
3	Sat. 30	5 ·30	27 ·12	18						5	Wed. 30	10 ·92	13 ·08	23
4	Sun. 31	6 ·37	1 ·21	19										
	Aug.					**Oct.**					**Dec.**			
5	Mon. 1	7 ·45	2 ·31	20	5	Sat. 1	9 ·88	8 ·44	22	6	Thur. 1	11 ·84	13 ·04	24
6	Tues. 2	8 ·54	3 ·42	21	6	Sun. 2	10 ·88	9 ·48	23				15 ·98	
7	Wed. 3	9 ·62	4 ·52	22	7	Mon. 3	11 ·85	10 ·49	24	7	Fri. 2	12 ·75	16 ·91	25
8	Thur. 4	10 ·69	5 ·63	23	8	Tues. 4	12 ·81	11 ·48	25	8	Sat. 3	13 ·66	17 ·85	26
9	Fri. 5	11 ·74	6 ·71	24	9	Wed. 5	13 ·75	12 ·45	26	9	Sun. 4	14 ·56	18 ·78	27
10	Sat. 6	12 ·78	7 ·77	25	10	Thur. 6	14 ·68	13 ·41	27	10	Mon. 5	—A ·46	19 ·71	28
11	Sun. 7	13 ·78	8 ·81	26	11	Fri. 7	—A ·59	14 ·37	28	11	Tues. 6	1 ·37	20 ·68	29
12	Mon. 8	14 ·77	9 ·83	27	12	Sat. 8	1 ·49	15 ·30	29	12	Wed. 7	2 ·29	21 ·60	—30
13	Tues. 9	—A ·75	10 ·83	28	13	Sun. 9	2 ·39	16 ·23	—30	13	Thur. 8	3 ·22	22 ·56	1
14	Wed. 10	1 ·70	11 ·82	29	14	Mon. 10	3 ·29	17 ·16	1	14	Fri. 9	4 ·17	23 ·54	2
15	Thur. 11	2 ·64	12 ·80	—30	15	Tues. 11	4 ·20	18 ·09	2	15	Sat. 10	5 ·13	24 ·54	3
16	Fri. 12	3 ·56	13 ·74	1	16	Wed. 12	5 ·11	19 ·04	3	16	Sun. 11	6 ·12	25 ·55	4
17	Sat. 13	4 ·47	14 ·68	2				20 ·98		17	Mon. 12	7 ·11	26 ·59	5
18	Sun. 14	5 ·37	15 ·62	3	17	Thur. 13	6 ·03	21 ·93	4	18	Tues. 13	8 ·14	27 ·64	6
19	Mon. 15	6 ·27	16 ·56	4			7 ·96			19	Wed. 14	9 ·19	1 ·73	7
20	Tues. 16	7 ·17	17 ·48	5	18	Fri. 14	8 ·90	22 ·90	5	20	Thur. 15	10 ·25	2 ·82	8
21	Wed. 17	8 ·07	18 ·42	6	19	Sat. 15	9 ·86	23 ·88	6	21	Fri. 16	11 ·33	3 ·92	9
		9 ·98			20	Sun. 16	10 ·84	24 ·90	7	22	Sat. 17	12 ·41	... ...	10
22	Thur. 18	10 ·90	19 ·35	7	21	Mon. 17	11 ·85	25 ·92	8	23	Sun. 18	13 ·51	4 ·03	11
23	Fri. 19	11 ·83	20 ·30	8	22	Tues. 18	12 ·87	26 ·97	9	24	Mon. 19	14 ·59	5 ·14	12
24	Sat. 20	12 ·76	21 ·27	9	23	Wed. 19	13 ·92	... ...	10	25	Tues. 20	P ·66	6 ·24	13
25	Sun. 21	13 ·72	22 ·25	10	24	Thur. 20	14 ·98	27 ·03	11	26	Wed. 21	1 ·72	7 ·32	14
26	Mon. 22	14 ·70	23 ·24	11	25	Fri. 21	... ...	1 ·11	12	27	Thur. 22	2 ·76	8 ·38	15
27	Tues. 23	P ·69	24 ·25	12	26	Sat. 22	P ·06	2 ·21	13	28	Fri. 23	3 ·77	9 ·43	16
28	Wed. 24	1 ·72	25 ·28	13	27	Sun. 23	1 ·14	3 ·32	14	—29	Sat. 24	4 ·77	10 ·45	17
29	Thur. 25	2 ·76	26 ·35	14	28	Mon. 24	2 ·23	4 ·43	15	1	Sun. 25	5 ·75	11 ·47	18
30	Fri. 26	3 ·83	27 ·42	15	29	Tues. 25	3 ·31	5 ·53	16	2	Mon. 26	6 ·70	12 ·45	19
—31	Sat. 27	4 ·90	1 ·51	16	—30	Wed. 26	4 ·38	6 ·62	17	3	Tues. 27	7 ·64	13 ·42	20
1	Sun. 28	5 ·99	2 ·61	17	1	Thur. 27	5 ·44	7 ·70	18	4	Wed. 28	8 ·57	14 ·37	21
2	Mon. 29	... ...	3 ·72	18	2	Fri. 28	6 ·47	8 ·76	19	5	Thur. 29	9 ·49	15 ·31	22
3	Tues. 30	6 ·07	4 ·83	19	3	Sat. 29	7 ·50	9 ·80	20	6	Fri. 30	10 ·40	16 ·25	23
4	Wed. 31	7 ·15	5 ·93	20	4	Sun. 30	8 ·49	10 ·81	21	7	Sat. 31	11 ·30	17 ·19	24
					5	Mon. 31	9 ·46	11 ·81	22					

Plavaṅga. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* *H.* 521 *Jamāda'l ākhir.* *H.* 521 *Rajab.* *H.* 521 *Ramaẓān.* *H.* 521 *Shawwāl.* *H.* 521 *Zi-l-ka'da.* *H.* 521 *Zi-l-hijja.*

Plavaṅga. **Siṁha—Āvaṇi.** *Bahula.* *Sukla.* *H.* 521 *Śha'bān.*

Plavaṅga. **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.*

Plavaṅga. **Tulā—Aippaśi.** *Bahula.* *Sukla.*

Plavaṅga. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.*

Plavaṅga. **Dhanus—Mārgali.** *Bahula.* *Sukla.*

Plavaṅga. **Makara—Tai.** *Bahula.* *Sukla.*

Bhādrapada. **Āśvina.** **Kārttika.** **Mārgaśirsha.** **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1128. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 23·86.** **Śaka 1050.** **Kaliyuga 4229.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·81.** **(S. Cycle) Kilaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sun.	1	12 ·20	18 ·12	25	9	Thur.	1	13 ·03 / 14 ·99	24 ·51	26	8	Tues.	1	—A ·17	3 ·42	28
9	Mon.	2	13 ·10	19 ·05 / 20 ·98	26	10	Fri.	2	—A ·98	25 ·52	27	9	Wed.	2	1 ·24	4 ·53	—29
10	Tues.	3	14 ·01 / A ·93	21 ·93	27	11	Sat.	3	1 ·99	26 ·54	28	10	Thur.	3	2 ·32	5 ·63	1
11	Wed.	4	1 ·86	22 ·90	28	12	Sun.	4	... ...	27 ·58	—29	11	Fri.	4	3 ·41	6 ·74	2
12	Thur.	5	2 ·80	23 ·87	—29	13	Mon.	5	2 ·01	1 ·64	1	12	Sat.	5	4 ·49	7 ·85	3
13	Fri.	6	3 ·77	24 ·86	1	14	Tues.	6	3 ·05	2 ·72	2	13	Sun.	6	5 ·56	8 ·93	4
14	Sat.	7	4 ·76	25 ·87	2	15	Wed.	7	4 ·11	3 ·82	3	14	Mon.	7	6 ·61	... ...	5
15	Sun.	8	5 ·76	26 ·90	3	16	Thur.	8	5 ·18	4 ·93	4	15	Tues.	8	7 ·64	9 ·00	6
16	Mon.	9	6 ·79	27 ·96	4	17	Fri.	9	6 ·26	... ...	5	16	Wed.	9	8 ·66	10 ·04	7
17	Tues.	10	7 ·83	... ...	5	18	Sat.	10	7 ·35	5 ·04	6	17	Thur.	10	9 ·64	11 ·07	8
18	Wed.	11	8 ·90	1 ·03	6	19	Sun.	11	8 ·44	6 ·14	7	18	Fri.	11	10 ·61	12 ·09	9
19	Thur.	12	9 ·98	2 ·12	7	20	Mon.	12	9 ·51	7 ·23	8	19	Sat.	12	11 ·56	13 ·07	10
20	Fri.	13	... ...	3 ·22	8	21	Tues.	13	10 ·56	8 ·31	9	20	Sun.	13	12 ·50	14 ·04	11
21	Sat.	14	10 ·06	4 ·32	9	22	Wed.	14	11 ·60	9 ·38	10	21	Mon.	14	13 ·41	15 ·00 / 16 ·94	12
22	Sun.	15	11 ·15	5 ·44	10	23	Thur.	15	12 ·61	10 ·42	11	22	Tues.	15	14 ·32	17 ·89	13
23	Mon.	16	12 ·23	6 ·54	11	24	Fri.	16	13 ·60	11 ·43	12	23	Wed. ○	16	P ·22	18 ·82	14
24	Tues.	17	13 ·30	7 ·62	12	25	Sat.	17	14 ·57	12 ·43	13	24	Thur.	17	1 ·12	19 ·75	15
25	Wed.	18	14 ·36	8 ·69	13	26	Sun.	18	P ·53	13 ·41	14	25	Fri.	18	2 ·01 / 3 ·92	20 ·68	16
26	Thur.	19	P ·40	9 ·74	14	27	Mon.	19	1 ·47	14 ·38	15	26	Sat.	19	4 ·83	21 ·62	17
27	Fri.	20	1 ·41	10 ·78	15	28	Tues.	20	2 ·39	15 ·33	16	27	Sun.	20	5 ·74	22 ·56	18
28	Sat.	21	2 ·41	11 ·79	16	29	Wed.	21	3 ·30	16 ·27	17	28	Mon.	21	6 ·66	23 ·52	19
29	Sun.	22	3 ·38	12 ·78	17	30	Thur.	22	4 ·20	17 ·20	18	29	Tues.	22	7 ·60	24 ·50	20
—30	Mon.	23	4 ·34	13 ·73	18	—31	Fri.	23	5 ·10	18 ·13	19	30	Wed.	23	8 ·56	25 ·48	21
1	Tues.	24	5 ·29	14 ·70	19							—31	Thur.	24	9 ·55	26 ·49	22
2	Wed.	25	6 ·20	15 ·65	20	1	Sat.	24	6 ·00 / 7 ·90	19 ·07	20	1	Fri.	25	10 ·54	27 ·52	23
3	Thur.	26	7 ·12	16 ·60	21	2	Sun.	25	8 ·80	20 ·00 / 21 ·94	21	2	Sat.	26	11 ·56	1 ·57	24
4	Fri.	27	8 ·03 / 9 ·93	17 ·53	22	3	Mon.	26	9 ·72	22 ·89	22	3	Sun.	27	12 ·60	2 ·64	25
5	Sat.	28	10 ·83	18 ·46	23	4	Tues.	27	10 ·65	23 ·85	23	4	Mon.	28	13 ·66	3 ·73	26
6	Sun.	29	11 ·73	19 ·39	24	5	Wed.	28	11 ·59	24 ·84	24	5	Tues.	29	14 ·73	4 ·82	27
7	Mon.	30	12 ·64	20 ·32	25	6	Thur.	29	12 ·55	25 ·84	25	6	Wed.	30	—A ·81	5 ·93	28
8	Tues.	31	13 ·56	21 ·27	26	7	Fri.	30	13 ·53	26 ·86	26	7	Thur.	31	1 ·90	... ...	29
		Feb.				8	Sat.	31	14 ·54	27 ·89	27						
9	Wed.	1	14 ·49	22 ·23	27			**April.**						**June.**			
10	Thur.	2	—A ·43	23 ·20	28	9	Sun.	1	—A ·56	1 ·95	28	8	Fri.	1	2 ·98	6 ·05	—30
11	Fri.	3	1 ·40	24 ·18	29	10	Mon.	2	1 ·60	... ...	29	9	Sat.	2	... ...	7 ·14	1
12	Sat.	4	2 ·38	25 ·19	—30	11	Tues.	3	2 ·66	2 ·02	—30	10	Sun.	3	3 ·05	8 ·23	2
13	Sun.	5	3 ·38	26 ·22	1	12	Wed.	4	3 ·73	3 ·12	1	11	Mon.	4	4 ·10	9 ·31	3
14	Mon.	6	4 ·41	27 ·27	2	13	Thur.	5	4 ·81	4 ·22	2	12	Tues.	5	5 ·13	10 ·36	4
15	Tues.	7	5 ·45	1 ·34	3	14	Fri.	6	5 ·90	5 ·33	3	13	Wed.	6	6 ·14	11 ·40	5
16	Wed.	8	6 ·51	2 ·42	4	15	Sat.	7	6 ·98	6 ·44	4	14	Thur.	7	7 ·13	12 ·41	6
17	Thur.	9	7 ·59	3 ·52	5	16	Sun.	8	... ...	7 ·53	5	15	Fri.	8	8 ·09	13 ·40	7
18	Fri.	10	8 ·68	4 ·63	6	17	Mon.	9	7 ·05	8 ·62	6	16	Sat.	9	9 ·05 / 10 ·98	14 ·88	8
19	Sat.	11	9 ·76	5 ·74	7	18	Tues.	10	8 ·11	9 ·69	7	17	Sun.	10	11 ·89	15 ·33	9
20	Sun.	12	10 ·85	6 ·84	8	19	Wed.	11	9 ·14	10 ·78	8	18	Mon.	11	12 ·80	16 ·28	10
21	Mon.	13	11 ·92	7 ·93	9	20	Thur.	12	10 ·16	11 ·75	9	19	Tues.	12	13 ·71	17 ·23	11
22	Tues.	14	12 ·97	... ...	10	21	Fri.	13	11 ·14	12 ·75	10	20	Wed.	13	14 ·61	18 ·16	12
23	Wed.	15	... ...	8 ·00	11	22	Sat.	14	12 ·11	13 ·75	11	21	Thur.	14	P ·50	19 ·09 / 20 ·02	13
24	Thur.	16	13 ·01	9 ·06	12	23	Sun.	15	13 ·06 / 14 ·99	14 ·71	12	22	Fri.	15	1 ·40	21 ·95	14
25	Fri.	17	14 ·02	10 ·10	13	24	Mon.	16	P ·92	15 ·67	13						
26	Sat.	18	P ·02 / 1 ·99	11 ·11	14	25	Tues.	17	1 ·88	16 ·61	14	23	Sat.	16	2 ·31	22 ·90	15
27	Sun.	19	2 ·95	12 ·10	15	26	Wed.	18	2 ·73	17 ·54	15	24	Sun.	17	3 ·22	23 ·84	16
28	Mon.	20	3 ·89	13 ·08	16	27	Thur.	19	3 ·63	18 ·48	16	25	Mon.	18	4 ·14	24 ·82	17
—29	Tues.	21	4 ·81	14 ·04	17	28	Fri.	20	4 ·53	19 ·41	17	26	Tues.	19	5 ·09	25 ·81	18
1	Wed.	22	5 ·73	15 ·00 / 16 ·93	18	29	Sat.	21	5 ·43	20 ·34	18	27	Wed.	20	6 ·04	26 ·81	19
2	Thur.	23	6 ·63	17 ·86	19	30	Sun.	22	6 ·33	21 ·28	19	28	Thur.	21	7 ·02	27 ·84	20
3	Fri.	24	7 ·53	18 ·79	20	—31	Mon.	23	7 ·24	22 ·23	20	29	Fri.	22	8 ·02	1 ·88	21
4	Sat.	25	8 ·43	19 ·72	21	1	Tues.	24	8 ·16	23 ·18	21	30	Sat.	23	9 ·04	2 ·95	22
5	Sun.	26	9 ·33	20 ·67	22	2	Wed.	25	9 ·11	24 ·17	22	31	Sun.	24	10 ·08	... ...	23
6	Mon.	27	10 ·24	21 ·61	23	3	Thur.	26	10 ·07	25 ·16	23	—32	Mon.	25	11 ·14	3 ·03	24
7	Tues.	28	11 ·16	22 ·56	24	4	Fri.	27	11 ·06	26 ·17	24	1	Tues.	26	12 ·21	4 ·12	25
8	Wed.	29	12 ·09	23 ·53	25	5	Sat.	28	12 ·05	27 ·20	25	2	Wed.	27	13 ·29	5 ·24	26
						6	Sun.	29	13 ·07	1 ·25	26	3	Thur.	28	14 ·38	6 ·34	27
						7	Mon.	30	14 ·11	2 ·34	27	4	Fri.	29	—A ·46	7 ·44	28
												5	Sat.	30	1 ·52	8 ·54	—29

Plavanga. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* *Plavanga.* **Kumbha—Māsi.** *Bahula.* *H. 522 Muharram.* *H. 522 Safar.*

Plavanga. **Mīna—Panguni.** *Śukla.* **Chaitra.** *Bahula.* *Kilaka.* **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 522 Rabī-ul awwal.* *H. 522 Rabī-ul ākhir.*

Kilaka. **Vrishabha—Vaigāsi.** *Śukla.* **Jyeshtha.** *Bahula.* *Kilaka.* **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H. 522 Jamādal awwal.* *H. 522 Jamādal ākhir.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1128. **Kollam 304,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra** { **522.** Commences, **Jan. 6.** / **523.** Do. **Dec. 25.** **Vikrama 1185.** **Bengal San. 534.** **(N. Cycle) Virodhakṛit.**

A—Amāvāsyā. Commences

P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	2 ·57	9 ·61	1	6	Sat.	1	5 ·40	16 ·30	4	6	Thur.	1	7 ·01 / 8 ·93	23 ·53	6
7	Mon.	2	3 ·61	10 ·68	2	7	Sun.	2	6 ·31	17 ·24	5	7	Fri.	2	9 ·86	24 ·48	7
8	Tues.	3	4 ·62	11 ·72	3	8	Mon.	3	7 ·22	18 ·17	6	8	Sat.	3	10 ·80	25 ·45	8
9	Wed.	4	5 ·60	12 ·73	4	9	Tues.	4	8 ·12	19 ·11	7	9	Sun.	4	11 ·78	26 ·43	9
10	Thur.	5	6 ·57	13 ·73	5				Sukla. 9 ·02	20 ·04		10	Mon.	5	12 ·76	27 ·43	10
11	Fri.	6	7 ·52	14 ·70	6	10	Wed.	5	10 ·91	21 ·97	8	11	Tues.	6	13 ·76	1 ·46	11
12	Sat.	7	8 ·45	15 ·67	7	11	Thur.	6	11 ·82	22 ·89	9	12	Wed.	7	14 ·79	2 ·50	12
13	Sun.	8	9 ·37	16 ·63	8	12	Fri.	7	12 ·74	23 ·85	10	13	Thur. ○	8	P ·84	3 ·56	13
14	Mon.	9	10 ·29	17 ·56	9	13	Sat.	8	13 ·66	24 ·82	11	14	Fri.	9	1 ·91	4 ·64	14
15	Tues.	10	11 ·19	18 ·50	10	14	Sun.	9	14 ·61	25 ·79	12	15	Sat.	10	2 ·98	5 ·73	15
16	Wed.	11	12 ·08 / 13 ·98	19 ·43	11	15	Mon.	10	P ·57	26 ·78	13	16	Sun.	11	... ...	6 ·83	16
17	Thur.	12	14 ·88	20 ·36	12	16	Tues.	11	1 ·56	27 ·79	14	17	Mon.	12	3 ·07	7 ·95	17
18	Fri.	13	P ·78	21 ·30	13	17	Wed.	12	2 ·56	1 ·82	15	18	Tues.	13	4 ·16	... ...	18
19	Sat.	14	1 ·69	22 ·24	14	18	Thur.	13	3 ·58	2 ·87	16	19	Wed.	14	5 ·24	8 ·05	19
20	Sun.	15	2 ·62	23 ·19	15	19	Fri.	14	4 ·63	3 ·95	17	20	Thur.	15	6 ·31	9 ·15	20
21	Mon.	16	3 ·56	24 ·15	16	20	Sat.	15	5 ·68	... ...	18	21	Fri.	16	7 ·36	10 ·22	21
22	Tues.	17	4 ·52	25 ·13	17	21	Sun.	16	6 ·76	4 ·04	19	22	Sat.	17	8 ·40	11 ·29	22
23	Wed.	18	5 ·50	26 ·14	18	22	Mon.	17	7 ·85	5 ·13	20	23	Sun.	18	9 ·42	12 ·33	23
24	Thur.	19	6 ·51	27 ·16	19	23	Tues.	18	8 ·94	6 ·24	21	24	Mon.	19	10 ·41	13 ·35	24
25	Fri.	20	7 ·53	1 ·19	20	24	Wed.	19	Bahula.	7 ·35	22	25	Tues.	20	11 ·39	14 ·35	25
26	Sat.	21	8 ·58	2 ·25	21	25	Thur.	20	9 ·02	8 ·45	23	26	Wed.	21	12 ·35	15 ·33	26
27	Sun.	22	9 ·63	3 ·33	22	26	Fri.	21	10 ·10	9 ·54	24	27	Thur.	22	13 ·28	16 ·29	27
28	Mon.	23	10 ·70	4 ·43	23	27	Sat.	22	11 ·15	10 ·61	25	28	Fri.	23	14 ·20	17 ·26	28
29	Tues.	24	11 ·79	5 ·53	24	28	Sun.	23	12 ·18	11 ·66	26	29	Sat.	24	—A ·11	18 ·20	29
30	Wed.	25	12 ·87	6 ·64	25	29	Mon.	24	13 ·20	12 ·69	27	1	Sun.	25	1 ·02 / 2 ·93	19 ·13	—30
31	Thur.	26	13 ·95	7 ·75	26	30	Tues.	25	14 ·18	13 ·71	28					20 ·06	
1	Fri.	27	... ...	8 ·84	27	31	Wed.	26	—A ·16	14 ·70	29	2	Mon.	26	3 ·88	21 ·99	1
2	Sat.	28	14 ·02	9 ·92	28	1	Thur.	27	1 ·11	15 ·67	—30	3	Tues.	27	4 ·73	22 ·93	2
3	Sun.	29	—A ·07	10 ·99	29	2	Fri.	28	2 ·05 / 3 ·97	16 ·63	1	4	Wed.	28	5 ·64	23 ·87	3
4	Mon.	30	1 ·10	... ...	—30	3	Sat.	29	4 ·88	17 ·57	2	5	Thur.	29	6 ·56	24 ·82	4
5	Tues.	31	2 ·11	11 ·03	1	4	Sun.	30	5 ·78	18 ·52	3	6	Fri.	30	7 ·50	25 ·78	5
	Aug.						**Oct.**						**Dec.**				
6	Wed.	1	3 ·10	12 ·05	2	5	Mon.	1	6 ·68	19 ·45	4	7	Sat.	1	8 ·44	26 ·75	6
7	Thur.	2	4 ·06	13 ·05	3	6	Tues.	2	7 ·58	20 ·38	5	8	Sun.	2	9 ·41	27 ·76	7
8	Fri.	3	5 ·01 / 6 ·95	14 ·03	4	7	Wed.	3	8 ·48	21 ·31	6	9	Mon.	3	10 ·40	1 ·77	8
				15 ·01		8	Thur.	4	9 ·40	22 ·25	7	10	Tues.	4	11 ·41	2 ·81	9
9	Sat.	4	7 ·88	16 ·96	5	9	Fri.	5	10 ·32	23 ·19	8	11	Wed.	5	12 ·43	3 ·86	10
10	Sun.	5	8 ·78	17 ·90	6	10	Sat.	6	11 ·25	24 ·15	9	12	Thur.	6	13 ·47	4 ·94	11
11	Mon.	6	9 ·68	18 ·84	7	11	Sun.	7	12 ·19	25 ·12	10	13	Fri.	7	14 ·54	... ...	12
12	Tues.	7	10 ·58	19 ·76	8	12	Mon.	8	13 ·15	26 ·10	11	14	Sat.	8	P ·62	5 ·04	13
13	Wed.	8	11 ·48	20 ·70	9	13	Tues.	9	14 ·14	27 ·11	12	15	Sun.	9	1 ·71	6 ·14	14
14	Thur.	9	12 ·38	21 ·64	10	14	Wed.	10	P ·14	1 ·13	13	16	Mon.	10	2 ·80	7 ·25	15
15	Fri.	10	13 ·29	22 ·57	11	15	Thur.	11	1 ·17	2 ·19	14	17	Tues.	11	3 ·89	8 ·35	16
16	Sat.	11	14 ·21	23 ·52	12	16	Fri.	12	2 ·22	3 ·25	15	18	Wed.	12	4 ·96	9 ·45	17
17	Sun.	12	P ·13	24 ·48	13	17	Sat.	13	3 ·28	4 ·33	16	19	Thur.	13	... ...	10 ·54	18
18	Mon.	13	1 ·07	25 ·47	14	18	Sun.	14	4 ·36	5 ·43	17	20	Fri.	14	5 ·02	11 ·60	19
19	Tues.	14	2 ·03	26 ·46	15	19	Mon.	15	5 ·44	6 ·55	18	21	Sat.	15	6 ·05	12 ·65	20
20	Wed.	15	3 ·01	27 ·47	16	20	Tues.	16	6 ·53	7 ·65	19	22	Sun.	16	7 ·06	13 ·67	21
21	Thur.	16	4 ·02	1 ·50	17	21	Wed.	17	7 ·62	8 ·74	20	23	Mon.	17	8 ·05	14 ·68	22
22	Fri.	17	5 ·04	2 ·56	18	22	Thur.	18	8 ·69	9 ·84	21	24	Tues.	18	9 ·03 / 10 ·99	15 ·66	23
23	Sat.	18	6 ·09	3 ·63	19	23	Fri.	19	Bahula. 9 ·74	10 ·92	22						
24	Sun.	19	7 ·15	4 ·73	20	24	Sat.	20	10 ·78	11 ·97	23	25	Wed.	19	11 ·93	16 ·64	24
25	Mon.	20	8 ·22	5 ·83	21	25	Sun.	21	11 ·79	... ...	24	26	Thur.	20	12 ·86	17 ·59	25
26	Tues.	21	9 ·30	6 ·94	22	26	Mon.	22	12 ·77	12 ·02	25	27	Fri.	21	13 ·76	18 ·53	26
27	Wed.	22	10 ·38	... ..	23	27	Tues.	23	13 ·75	13 ·03	26	28	Sat.	22	14 ·66	19 ·47	27
28	Thur.	23	11 ·46	7 ·04	24	28	Wed.	24	14 ·71	14 ·03	27	29	Sun.	23	—A ·57	20 ·40	28
29	Fri.	24	12 ·53	8 ·14	25	29	Thur.	25	—A ·65	15 ·00 / 16 ·96	28	1	Mon.	24	1 ·47	21 ·34	—29
30	Sat.	25	13 ·59	9 ·24	26	30	Fri.	26	1 ·57	17 ·92	—29	2	Tues.	25	2 ·38	22 ·27	1
31	Sun.	26	14 ·62	10 ·30	27	1	Sat.	27	2 ·48	18 ·86	1	3	Wed.	26	3 ·29	23 ·20	2
1	Mon.	27	—A ·64	11 ·35	28	2	Sun.	28	3 ·39	19 ·79	2	4	Thur.	27	4 ·21	24 ·15	3
2	Tues.	28	1 ·62	12 ·37	—29	3	Mon.	29	4 ·29	20 ·72	3	5	Fri.	28	5 ·14	25 ·11	4
3	Wed.	29	2 ·60	13 ·38	1	4	Tues.	30	5 ·19	21 ·65	4	6	Sat.	29	6 ·09	26 ·09	5
4	Thur.	30	3 ·55	14 ·38	2	5	Wed.	31	6 ·09	22 ·59	5	7	Sun.	30	7 ·06	27 ·08	6
5	Fri.	31	4 ·48	15 ·34	3							8	Mon.	31	8 ·04	1 ·09	7

Kilaka. **Karkataka—Ādi.** Śrāvaṇa. Bahula. H. 522 Rajab. Kilaka. **Kanyā—Purattāśi.** Adhika Āśvina. Sukla. H. 522 Ramazān. Kilaka. **Vṛiśchika—Kārttigai.** Kārttika. Bahula. H. 522 Zi-l-ka'da.

Kilaka. **Simha—Āvaṇi.** Bhādrapada. Sukla. H. 522 Śha'bān. Kilaka. **Tulā—Aippaśi.** Nija Āśvina. Bahula. H. 522 Shawwāl. Kilaka. **Dhanus—Mārgali.** Mārgaśirsha. Bahula. H. 522 Zi-l-hijja.

Kilaka. **Makara—Tai.** Sukla.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1129. **Mēsha Saukrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·12.** **Śaka 1051.** **Kaliyuga 4230.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·07.** **(S. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
9	Tues. 1	9 ·05	2 ·12	8	8	Fri. 1	*Sukla.* 9 ·49	6 ·04	8	8	Wed. 1	11 ·97	12 ·22	10
10	Wed. 2	10 ·08	3 ·17	9	9	Sat. 2	10 ·57	7 ·14	9	9	Thur. 2	12 ·98	13 ·25	11
11	Thur. 3	11 ·13	4 ·25	10	10	Sun. 3	11 ·67	8 ·26	10	10	Fri. 3	13 ·97	14 ·29	12
12	Fri. 4	12 ·19	5 ·34	11	11	Mon. 4	12 ·75	9 ·36	11	11	Sat. 4	14 ·93	15 ·30	13
13	Sat. 5	13 ·27	6 ·44	12	12	Tues. 5	13 ·82	10 ·45	12	12	Sun. ○ 5	P ·88	16 ·28	14
14	Sun. 6	14 ·36	7 ·54	13	13	Wed. 6	14 ·87	11 ·53	13	13	Mon. 6	1 ·82	17 ·26	15
15	Mon. 7	P ·44	8 ·65	14	14	Thur. 7	P ·91	12 ·59	14	14	Tues. 7	2 ·74	18 ·22	16
16	Tues. 8	1 ·52	9 ·75	15	15	Fri. 8	1 ·92	13 ·64	15	15	Wed. 8	3 ·64	19 ·16	17
17	Wed. 9	2 ·59	10 ·85	16	16	Sat. 9	2 ·90	14 ·65	16	16	Thur. 9	4 ·54	20 ·10	18
18	Thur. 10	3 ·65	11 ·91	17	17	Sun. 10	3 ·88	15 ·65	17	17	Fri. 10	5 ·44	21 ·03 / 22 ·97	19
19	Fri. 11	4 ·69	12 ·96	18	18	Mon. 11	4 ·83	16 ·63	18	18	Sat. 11	6 ·34	23 ·90	20
20	Sat. 12	5 ·71	13 ·99	19	19	Tues. 12	5 ·76	17 ·59	19	19	Sun. 12	7 ·24	24 ·83	21
21	Sun. 13	6 ·70	.. ...	20	20	Wed. 13	6 ·68	18 ·55	20	20	Mon. 13	8 ·14	25 ·78	22
22	Mon. 14	7 ·67	14 ·00	21	21	Thur. 14	7 ·60	19 ·49	21	21	Tues. 14	9 ·06 / 10 ·98	26 ·72	23
23	Tues. 15	8 ·63	15 ·00 / 16 ·97	22	22	Fri. 15	8 ·50	20 ·42	22	22	Wed. 15	11 ·92	27 ·71	24
24	Wed. 16	9 ·57	17 ·92	23	23	Sat. 16	9 ·40	21 ·35	23	23	Thur. 16	12 ·89	1 ·70	25
25	Thur. 17	10 ·50	18 ·87	24	24	Sun. 17	10 ·30	22 ·28	24	24	Fri. 17	13 ·87	2 ·71	26
26	Fri. 18	11 ·41	19 ·81	25	25	Mon. 18	11 ·20	23 ·21	25	25	Sat. 18	14 ·87	3 ·74	27
27	Sat. 19	12 ·31	20 ·75	26	26	Tues. 19	12 ·11	24 ·16	26	26	Sun. 19	A ·89	4 ·78	28
28	Sun. 20	13 ·21	21 ·67	27	27	Wed. 20	13 ·03 / 14 ·96	25 ·11	27	27	Mon. 20	1 ·94	5 ·86	29
29	Mon. 21	14 ·11	22 ·61	28	28	Thur. 21	A ·90	26 ·07	28	28	Tues. 21	... ...	6 ·91	30
30	Tues. 22	A ·01 / 1 ·92	23 ·54	29	29	Fri. 22	1 ·86	27 ·05	29	29	Wed. 22	2 ·00	.. ..	1
1	Wed. 23	2 ·85	24 ·48	30	30	Sat. 23	2 ·84	1 ·05	30	30	Thur. 23	3 ·07	7 ·04	2
2	Thur. 24	3 ·78	25 ·45	1	1	Sun. 24	3 ·84	2 ·07	1	31	Fri. 24	4 ·15	8 ·15	3
3	Fri. 25	4 ·73	26 ·42	2	2	Mon. 25	4 ·87	3 ·11	2	1	Sat. 25	5 ·23	9 ·26	4
4	Sat. 26	5 ·69	27 ·40	3	3	Tues. 26	5 ·91	4 ·17	3	2	Sun. 26	6 ·31	10 ·36	5
5	Sun. 27	6 ·68	1 ·41	4	4	Wed. 27	6 ·97	5 ·24	4	3	Mon. 27	7 ·38	11 ·45	6
6	Mon. 28	7 ·68	2 ·43	5	5	Thur. 28	*Sukla.*	6 ·34	5	4	Tues. 28	8 ·43	12 ·53	7
7	Tues. 29	8 ·71	3 ·48	6	6	Fri. 29	7 ·05	7 ·44	6	5	Wed. 29	9 ·45	13 ·58	8
8	Wed. 30	9 ·76	4 ·56	7	7	Sat. 30	8 ·14	8 ·55	7	6	Thur. 30	10 ·47	14 ·61	9
9	Thur. 31	10 ·82	5 ·64	8	8	Sun. 31	9 ·22	9 ·66	8	7	Fri. 31	11 ·45	15 ·62	10
	Feb.					**April.**					**June.**			
10	Fri. 1	11 ·90	6 ·74	9	9	Mon. 1	10 ·30	10 ·75	9	8	Sat. 1	12 ·42	16 ·62	11
11	Sat. 2	12 ·98	7 ·84	10	10	Tues. 2	11 ·37	11 ·84	10	9	Sun. 2	13 ·37	17 ·59	12
12	Sun. 3	... ..	8 ·95	11	11	Wed. 3	12 ·42	12 ·91	11	10	Mon. 3	14 ·30	18 ·55	13
13	Mon. 4	13 ·07	... ...	12	12	Thur. 4	13 ·46	13 ·95	12	11	Tues. 4	P ·22	19 ·50	14
14	Tues. 5	14 ·15	9 ·06	13	13	Fri. 5	14 ·47	14 ·97	13	12	Wed. 5	1 ·13	20 ·44	15
15	Wed. 6	P ·22	10 ·15	14	14	Sat. 6	P ·45	15 ·97	14	13	Thur. 6	2 ·03 / 3 ·92	21 ·38	16
16	Thur. 7	1 ·28	11 ·22	15	15	Sun. 7	1 ·42	16 ·96	15	14	Fri. 7	4 ·82	22 ·31	17
17	Fri. 8	2 ·31	12 ·28	16	16	Mon. 8	2 ·37	17 ·93	16	15	Sat. 8	5 ·72	23 ·24	18
18	Sat. 9	3 ·33	13 ·31	17	17	Tues. 9	3 ·31	18 ·88	17	16	Sun. 9	6 ·62	24 ·17	19
19	Sun. 10	4 ·31	14 ·33	18	18	Wed. 10	4 ·23	19 ·83	18	17	Mon. 10	7 ·54	25 ·11	20
20	Mon. 11	5 ·29	15 ·32	19	19	Thur. 11	5 ·14	20 ·76	19	18	Tues. 11	8 ·46	26 ·08	21
21	Tues. 12	6 ·25	16 ·30	20	20	Fri. 12	6 ·04 / 7 ·94	21 ·69	20	19	Wed. 12	9 ·41	27 ·04	22
22	Wed. 13	7 ·19	17 ·26	21	21	Sat. 13	*Bahula.* 8 ·83	22 ·62	21	20	Thur. 13	10 ·37	1 ·03	23
23	Thur. 14	8 ·11	18 ·21	22	22	Sun. 14	9 ·73	23 ·56	22	21	Fri. 14	11 ·35	2 ·03	24
24	Fri. 15	9 ·02 / 10 ·92	19 ·14	23	23	Mon. 15	10 ·64	24 ·50	23	22	Sat. 15	12 ·36	3 ·05	25
25	Sat. 16	*Bahula.* 11 ·82	20 ·18	24	24	Tues. 16	11 ·58	25 ·45	24	23	Sun. 16	13 ·38	4 ·10	26
26	Sun. 17	12 ·72	21 ·01 / 22 ·94	25	25	Wed. 17	12 ·49	26 ·40	25	24	Mon. 17	14 ·42	5 ·17	27
27	Mon. 18	13 ·62	23 ·88	26	26	Thur. 18	13 ·43	27 ·38	26	25	Tues. 18	A ·48	6 ·25	28
28	Tues. 19	14 ·54	24 ·83	27	27	Fri. 19	14 ·39	1 ·38	27	26	Wed. 19	1 ·55	7 ·34	29
29	Wed. 20	A ·48	25 ·78	28	28	Sat. ● 20	A ·37	2 ·39	28	27	Thur. 20	2 ·63	8 ·45	1
30	Thur. 21	1 ·38	26 ·75	29	29	Sun. 21	1 ·38	3 ·42	29	28	Fri. 21	3 ·72	9 ·55	2
1	Fri. 22	2 ·33	27 ·73	1	30	Mon. 22	2 ·40	4 ·48	1	29	Sat. 22	4 ·79	10 ·67	3
2	Sat. 23	3 ·29	1 ·73	2	31	Tues. 23	3 ·44	5 ·55	2	30	Sun. 23	5 ·85	11 ·76	4
3	Sun. 24	4 ·28	2 ·75	3	1	Wed. 24	4 ·50	6 ·65	3	31	Mon. 24	6 ·90	12 ·83	5
4	Mon. 25	5 ·28	3 ·80	4	2	Thur. 25	*Sukla.* 5 ·57	7 ·75	4	32	Tues. 25	7 ·93	13 ·89	6
5	Tues. 26	6 ·31	4 ·86	5	3	Fri. 26	6 ·65	8 ·85	5	1	Wed. 26	8 ·95	14 ·93	7
6	Wed. 27	7 ·35	5 ·94	6	4	Sat. 27	7 ·74	9 ·96	6	2	Thur. 27	9 ·93	15 ·95	8
7	Thur. 28	8 ·41	... ...	7	5	Sun. 28	8 ·82	... ...	7	3	Fri. 28	10 ·90	16 ·95	9
					6	Mon. 29	9 ·88	10 ·06	8	4	Sat. 29	11 ·84	17 ·92	10
					7	Tues. 30	10 ·93	11 ·15	9	5	Sun. 30	12 ·77	18 ·89	11

Kilaka. **Makara—Tai.** *Pausha.* *Bahula.* *Sukla.* *H.* 523 *Muharram.*

Kilaka. **Kumbha—Māsi.** **Māgha.** *Bahula.* *Sukla.* *H.* 523 *Safar.*

Kilaka. **Mīna—Pāṅguni.** **Phālguna.** *Sukla.* *Bahula.* *H.* 523 *Rabi-ul awwal.*

Saumya. **Mēsha—Chittirai.** **Chaitra.** *Bahula.* *Sukla.* *H.* 523 *Rabi-ul ākhir.*

Saumya. **Vṛishabha—Vaigāsi.** **Vaiśākha.** *Sukla.* *Bahula.* *H.* 523 *Jamāda'l awwal.*

Saumya. **Mithuna—Āni.** **Jyeshtha.** *Bahula.* *Sukla.* *H.* 523 *Jamāda'l ākhir.*

Āshādha. *Sukla.* *H* 523 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleah. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1129. **Kollam 305,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 524.** **Vikrama 1186.**
A—Amāvāsyā. Commences Commences Dec. 15. **Bengal San. 535.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	13 ·69	19 ·83	12	5	Sun.	1	1 ·04	26 ·07	15	6	Fri.	1	3 ·07	6 ·78	17
7	Tues.	2	14 ·60	20 ·78	13				2 ·97			7	Sat.	2	4 ·12	7 ·86	18
8	Wed.	3	P ·50	21 ·72	14	6	Mon.	2	3 ·91	27 ·03	16	8	Sun.	3	5 ·19	8 ·95	19
9	Thur.	4	1 ·40	22 ·65	15	7	Tues.	3	4 ·88	1 ·00	17	9	Mon.	4	6 ·27	... ...	20
10	Fri.	5	2 ·30	23 ·58	16	8	Wed.	4	5 ·86	2 ·00	18	10	Tues.	5	7 ·36	9 ·05	21
11	Sat.	6	3 ·20	24 ·51	17	9	Thur.	5	6 ·86	3 ·01	19	11	Wed.	6	8 ·45	10 ·16	22
12	Sun.	7	4 ·10	25 ·46	18	10	Fri.	6	7 ·89	4 ·04	20	12	Thur.	7	9 ·53	11 ·27	23
			Āshādha.			11	Sat.	7	8 ·93	5 ·09	21	13	Fri.	8	10 ·60	12 ·37	24
13	Mon.	8	5 ·01	26 ·41	19	12	Sun.	8	... ...	6 ·16	22	14	Sat.	9	11 ·65	13 ·45	25
			6 ·94						Bahula.						Bahula.		
14	Tues.	9	7 ·89	27 ·37	20	13	Mon.	9	9 ·00	7 ·24	23	15	Sun.	10	12 ·69	14 ·50	26
15	Wed.	10	8 ·85	1 ·35	21	14	Tues.	10	10 ·08	8 ·35	24	16	Mon.	11	13 ·71	15 ·54	27
16	Thur.	11	9 ·83	2 ·35	22	15	Wed.	11	11 ·17	9 ·46	25	17	Tues.	12	14 ·69	16 ·57	28
17	Fri.	12	10 ·83	3 ·38	23	16	Thur.	12	12 ·25	10 ·56	26	18	Wed.	13	A ·67	17 ·57	29
18	Sat.	13	11 ·86	4 ·41	24	17	Fri.	13	13 ·33	11 ·66	27	19	Thur.	14	1 ·62	18 ·55	30
19	Sun.	14	12 ·89	5 ·47	25	18	Sat.	14	14 ·40	12 ·76	28	20	Fri.	15	2 ·55	19 ·51	1
20	Mon.	15	13 ·95	6 ·55	26	19	Sun.	15	A ·45	13 ·83	29	21	Sat.	16	3 ·47	20 ·47	2
21	Tues.	16	... ...	7 ·64	27	20	Mon.	16	1 ·48	14 ·88	30	22	Sun.	17	4 ·39	21 ·42	3
22	Wed.	17	14 ·03	8 ·75	28	21	Tues.	17	2 ·49	15 ·91	1	23	Mon.	18	5 ·30	22 ·35	4
23	Thur.	18	A ·11	9 ·86	29	22	Wed.	18	3 ·48	16 ·92	2	24	Tues.	19	6 ·21	23 ·28	5
24	Fri.	19	1 ·20	10 ·97	30	23	Thur.	19	4 ·45	17 ·91	3	25	Wed.	20	7 ·11	24 ·21	6
25	Sat.	20	2 ·28	... ...	1	24	Fri.	20	5 ·40	18 ·89	4				Sukla.		
26	Sun.	21	3 ·35	11 ·06	2	25	Sat.	21	6 ·33	19 ·85	5	26	Thur.	21	8 ·01	25 ·14	7
27	Mon.	22	4 ·38	12 ·14	3	26	Sun.	22	7 ·26	20 ·79	6				9 ·92		
28	Tues.	23	5 ·41	13 ·20	4	27	Mon.	23	8 ·18	21 ·73	7	27	Fri.	22	10 ·84	26 ·09	8
29	Wed.	24	6 ·43	14 ·25	5				Sukla.			28	Sat.	23	11 ·78	27 ·04	9
30	Thur.	25	7 ·41	15 ·27	6	28	Tues.	24	9 ·08	22 ·66	8				Mārgaśirsha.		
31	Fri.	26	8 ·38	16 ·27	7				10 ·98			29	Sun.	24	12 ·73	1 ·00	10
1	Sat.	27	9 ·38	17 ·25	8	29	Wed.	25	11 ·88	23 ·60	9					2 ·97	
2	Sun.	28	10 ·26	18 ·22	9	30	Thur.	26	12 ·78	24 ·53	10	1	Mon.	25	13 ·69	3 ·97	11
3	Mon.	29	11 ·18	19 ·18	10	1	Fri.	27	13 ·69	25 ·47	11	2	Tues.	26	14 ·68	4 ·99	12
						2	Sat.	28	14 ·61	26 ·41	12	3	Wed.	27	P ·69	... ...	13
4	Tues.	30	12 ·09	20 ·12	11	3	Sun.	29	Āśvina.			4	Thur.	28	1 ·71	5 ·03	14
			13 ·99						P ·54	27 ·38	13	5	Fri.	29	2 ·76	6 ·08	15
				21 ·05		4	Mon.	30	1 ·48	1 ·34	14	6	Sat.	30	3 ·83	7 ·16	16
5	Wed.	31	14 ·89	22 ·98	12												
	Aug.						**Oct.**						**Dec.**				
6	Thur.	1	P ·79	23 ·95	13	5	Tues.	1	2 ·45	2 ·32	15	7	Sun.	1	4 ·91	8 ·25	17
7	Fri.	2	1 ·69	24 ·85	14	6	Wed.	2	3 ·43	3 ·33	16	8	Mon.	2	... ...	9 ·35	18
8	Sat.	3	2 ·60	25 ·79	15	7	Thur.	3	4 ·44	4 ·35	17	9	Tues.	3	5 ·00	10 ·47	19
9	Sun.	4	3 ·52	26 ·74	16	8	Fri.	4	5 ·46	5 ·40	18	10	Wed.	4	6 ·09	11 ·57	20
10	Mon.	5	4 ·45	27 ·70	17	9	Sat.	5	6 ·51	6 ·47	19	11	Thur.	5	7 ·18	12 ·67	21
11	Tues.	6	5 ·39	1 ·68	18	10	Sun.	6	7 ·58	7 ·56	20	12	Fri.	6	8 ·25	13 ·75	22
12	Wed.	7	6 ·34	2 ·67	19	11	Mon.	7	8 ·66	8 ·65	21	13	Sat.	7	9 ·29	14 ·81	23
13	Thur.	8	7 ·33	3 ·69	20	12	Tues.	8	9 ·75	9 ·75	22	14	Sun.	8	10 ·32	15 ·87	24
14	Fri.	9	8 ·33	4 ·73	21	13	Wed.	9	10 ·83	10 ·86	23	15	Mon.	9	11 ·35	16 ·89	25
15	Sat.	10	9 ·36	5 ·78	22	14	Thur.	10	11 ·91	11 ·97	24	16	Tues.	10	12 ·33	17 ·90	26
16	Sun.	11	10 ·40	6 ·85	23	15	Fri.	11	12 ·98	... ...	25	17	Wed.	11	13 ·31	18 ·88	27
17	Mon.	12	11 ·46	7 ·94	24	16	Sat.	12	... ...	12 ·06	26	18	Thur.	12	14 ·26	19 ·85	28
18	Tues.	13	12 ·53	... ...	25	17	Sun.	13	13 ·03	13 ·12	27	19	Fri.	13	A ·20	20 ·81	29
19	Wed.	14	13 ·62	8 ·05	26	18	Mon.	14	14 ·07	14 ·19	28	20	Sat.	14	1 ·12	21 ·75	30
20	Thur.	15	14 ·71	9 ·16	27	19	Tues. ●	15	A ·08	15 ·23	29						
21	Fri.	16	A ·79	10 ·27	28	20	Wed.	16	1 ·07	16 ·24	1	21	Sun.	15	2 ·04	22 ·69	1
22	Sat.	17	1 ·86	11 ·36	29										3 ·94		
23	Sun.	18	2 ·91	12 ·45	1	21	Thur.	17	2 ·04	17 ·25	2	22	Mon.	16	4 ·84	23 ·62	2
24	Mon.	19	3 ·94	13 ·52	2				3 ·99			23	Tues.	17	5 ·74	24 ·55	3
25	Tues.	20	4 ·95	14 ·57	3	22	Fri.	18	4 ·93	18 ·22	3	24	Wed.	18	6 ·65	25 ·49	4
26	Wed.	21	5 ·93	15 ·59	4	23	Sat.	19	5 ·86	19 ·18	4	25	Thur.	19	7 ·56	26 ·41	5
27	Thur.	22	6 ·90	16 ·60	5	24	Sun.	20	6 ·77	20 ·13	5	26	Fri.	20	8 ·48	27 ·37	6
28	Fri.	23	7 ·84	17 ·58	6	25	Mon.	21	7 ·67	21 ·07	6	27	Sat.	21	9 ·42	1 ·33	7
29	Sat.	24	8 ·78	18 ·56	7				Sukla.			28	Sun.	22	10 ·37	2 ·30	8
30	Sun.	25	9 ·70	19 ·51	8	26	Tues.	22	8 ·57	22 ·01	7	29	Mon.	23	11 ·34	3 ·29	9
31	Mon.	26	10 ·62	20 ·46	9					23 ·94		30	Tues.	24	12 ·33	4 ·31	10
32	Tues.	27	11 ·52	21 ·39	10	27	Wed.	23	9 ·47	24 ·87	8	1	Wed.	25	13 ·33	5 ·34	11
1	Wed.	28	12 ·42	22 ·32	11	28	Thur.	24	10 ·38	25 ·80	9	2	Thur.	26	14 ·36	6 ·39	12
2	Thur.	29	13 ·32	23 ·25	12	29	Fri.	25	11 ·29	26 ·74	10	3	Fri.	27	P ·42	7 ·46	13
3	Fri.	30	14 ·22	24 ·19	13	30	Sat.	26	12 ·21	27 ·70	11	4	Sat.	28	1 ·49	8 ·55	14
4	Sat.	31	P ·13	25 ·13	14	1	Sun.	27	13 ·14	1 ·67	12	5	Sun.	29	2 ·56	9 ·65	15
						2	Mon.	28	14 ·09	2 ·65	13	6	Mon.	30	3 ·64	10 ·76	16
						3	Tues. ○	29	P ·06	3 ·65	14	7	Tues.	31	4 ·74	11 ·87	17
						4	Wed.	30	1 ·04	4 ·67	15						
						5	Thur.	31	2 ·05	5 ·72	16						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1130. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·38.** **Śaka 1052.** **Kaliyuga 4231.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·33.** **(S. Cycle) Sādhāraṇa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	5 ·82	12 ·97	18	8	Sat. 1	4 ·20	16 ·85	18					
9	Thur. 2	6 ·89	... ...	19	9	Sun. 2	5 ·21	17 ·86	19	8	Thur. 1	6 ·05 / 7 ·96	22 ·38	20
10	Fri. 3	7 ·95	13 ·06	20	10	Mon. 3	6 ·20	18 ·87	20	9	Fri. 2	8 ·86	23 ·32	21
11	Sat. 4	8 ·98	14 ·13	21	11	Tues. 4	7 ·18	19 ·85	21	10	Sat. 3	9 ·76	24 ·25	22
12	Sun. 5	9 ·99	15 ·18	22	12	Wed. 5	8 ·13	20 ·81	22	11	Sun. 4	10 ·66	25 ·18	23
13	Mon. 6	10 ·97	16 ·21	23	13	Thur. 6	9 ·07	21 ·76	23	12	Mon. 5	11 ·56	26 ·11	24
14	Tues. 7	11 ·95	17 ·22	24			10 ·99			13	Tues. 6	12 ·46	27 ·05	25
15	Wed. 8	12 ·90	18 ·21	25	14	Fri. 7	11 ·89	22 ·70	24	14	Wed. 7	13 ·38	1 ·00 / 2 ·95	26
16	Thur. 9	13 ·84	19 ·19	26	15	Sat. 8	12 ·79	23 ·64	25					
17	Fri. 10	14 ·77	20 ·14	27	16	Sun. 9	13 ·69	24 ·57	26	15	Thur. 8	14 ·30	3 ·92	27
18	Sat. 11	—**A** ·68	21 ·08	28	17	Mon. 10	14 ·59	25 ·50	27	16	Fri. 9	—**A** ·25	4 ·92	28
19	Sun. 12	1 ·58	22 ·02 / 23 ·95	29	18	Tues. 11	—**A** ·50	26 ·43	28	17	Sat. 10	1 ·22	5 ·93	29
					19	Wed. 12	1 ·41	27 ·37	29	18	Sun. 11	2 ·20	6 ·96	—30
20	Mon. 13	2 ·48	24 ·88	—30	20	Thur. 13	2 ·33	1 ·33	—30	19	Mon. 12	3 ·19	... ...	1
21	Tues. 14	3 ·38	25 ·82	1	21	Fri. 14	3 ·26	2 ·29	1	20	Tues. 13	4 ·22	7 ·00	2
22	Wed. 15	4 ·29	26 ·76	2	22	Sat. 15	4 ·20	3 ·27	2	21	Wed. 14	5 ·27	8 ·07	3
23	Thur. 16	5 ·21	27 ·70	3	23	Sun. 16	5 ·17	4 ·27	3	22	Thur. 15	6 ·32	9 ·16	4
24	Fri. 17	6 ·13	1 ·66	4	24	Mon. 17	6 ·15	5 ·28	4	23	Fri. 16	7 ·40	10 ·26	5
25	Sat. 18	7 ·07	2 ·63	5	25	Tues. 18	7 ·16	6 ·33	5	24	Sat. 17	8 ·48	11 ·37	6
26	Sun. 19	8 ·02 / 9 ·98	3 ·63	6	26	Wed. 19	8 ·19	7 ·39	6	25	Sun. 18	9 ·57	12 ·48	7
					27	Thur. 20	9 ·24	8 ·46	7	26	Mon. 19	10 ·65	13 ·58	8
27	Mon. 20	10 ·96	4 ·63	7	28	Fri. 21	10 ·30	9 ·56	8	27	Tues. 20	11 ·71	14 ·67	9
28	Tues. 21	11 ·97	5 ·65	8	29	Sat. 22	11 ·38	10 ·66	9	28	Wed. 21	12 ·76	15 ·75	10
—29	Wed. 22	... ...	6 ·70	9	—30	Sun. 23	12 ·46	11 ·78	10	29	Thur. 22	13 ·79	16 ·80	11
1	Thur. 23	12 ·00	7 ·77	10	1	Mon. 24	13 ·54	12 ·88	11	30	Fri. 23	14 ·79	17 ·83	12
2	Fri. 24	13 ·05	8 ·86	11	2	Tues. 25	14 ·62	13 ·98	12	31	Sat. 24	**P** ·77	18 ·84	13
3	Sat. 25	14 ·12	9 ·96	12	3	Wed. 26	**P** ·68	... ...	13	—32	Sun. 25	1 ·74	19 ·83	14
4	Sun. 26	**P** ·20	... ...	13	4	Thur. 27	1 ·73	14 ·06	14	1	Mon. 26	2 ·69	20 ·81	15
5	Mon. 27	1 ·29	10 ·06	14	5	Fri. 28	2 ·76	15 ·12	15	2	Tues. 27	3 ·62	21 ·77	16
6	Tues. 28	2 ·37	11 ·17	15	6	Sat. 29	3 ·78	16 ·16	16	3	Wed. 28	4 ·54	22 ·72	17
7	Wed. 29	3 ·45	12 ·27	16	7	Sun. 30	4 ·76	17 ·19	17	4	Thur. 29	5 ·44	23 ·66	18
8	Thur. 30	4 ·52	13 ·36	17	8	Mon. 31	5 ·73	18 ·18	18	5	Fri. 30	6 ·34	24 ·59	19
9	Fri. 31	5 ·58	14 ·44	18						6	Sat. 31	7 ·24	25 ·53	20
	Feb.					**April.**					**June.**			
10	Sat. 1	6 ·61	15 ·50	19	9	Tues. 1	6 ·68	19 ·18	19	7	Sun. 1	8 ·14	26 ·46	21
11	Sun. 2	7 ·62	16 ·53	20	10	Wed. 2	7 ·62	20 ·14	20					
12	Mon. 3	8 ·61	17 ·54	21	11	Thur. 3	8 ·54	21 ·09	21	8	Mon. 2	9 ·04 / 10 ·94	27 ·39	22
13	Tues. 4	9 ·58	18 ·52	22				22 ·05 / 23 ·98						
14	Wed. 5	10 ·53	19 ·52	23	12	Fri. 4	9 ·44		22	9	Tues. 3	11 ·86	1 ·83	23
15	Thur. 6	11 ·47	20 ·48	24	13	Sat. 5	10 ·34	24 ·91	23	10	Wed. 4	12 ·78	2 ·29	24
16	Fri. 7	12 ·39	21 ·42	25	14	Sun. 6	11 ·24	25 ·84	24	11	Thur. 5	13 ·73	3 ·30	25
17	Sat. 8	13 ·30	22 ·36	26	15	Mon. 7	12 ·14	26 ·77	25	12	Fri. 6	14 ·69	4 ·25	26
18	Sun. 9	14 ·20	23 ·29	27	16	Tues. 8	13 ·04 / 14 ·95	27 ·72	26	13	Sat. 7	—**A** ·67	5 ·24	27
19	Mon. 10	—**A** ·10	24 ·23	28						14	Sun. 8	1 ·67	6 ·27	28
20	Tues. 11	1 ·00 / 2 ·91	25 ·16	—29	17	Wed. 9	—**A** ·87	1 ·66	27	15	Mon. 9	2 ·70	7 ·31	—29
21	Wed. 12	3 ·83	26 ·10	1	18	Thur. 10	1 ·80	2 ·62	28	16	Tues. 10	3 ·74	8 ·38	1
			27 ·04 / 1 ·99		19	Fri. 11	2 ·75	3 ·60	—29	17	Wed. 11	4 ·80	9 ·47	2
22	Thur. 13	4 ·75		2	20	Sat. 12	3 ·71	4 ·59	1	18	Thur. 12	5 ·88	10 ·56	3
23	Fri. 14	5 ·68	2 ·97	3	21	Sun. 13	4 ·69	5 ·60	2	19	Fri. 13	6 ·97	11 ·67	4
24	Sat. 15	6 ·62	3 ·95	4	22	Mon. 14	5 ·69	6 ·64	3	20	Sat. 14	... ...	12 ·78	5
25	Sun. 16	7 ·59	4 ·95	5	23	Tues. 15	6 ·71	7 ·70	4	21	Sun. 15	7 ·05	13 ·88	6
26	Mon. 17	8 ·57	5 ·97	6	24	Wed. 16	7 ·76	8 ·77	5	22	Mon. 16	8 ·12	14 ·98	7
27	Tues. 18	9 ·58	... ...	7	25	Thur. 17	8 ·83	9 ·86	6	23	Tues. 17	9 ·19	... ...	8
28	Wed. 19	10 ·61	6 ·01	8	26	Fri. 18	9 ·91	10 ·96	7	24	Wed. 18	10 ·24	15 ·05	9
29	Thur. 20	11 ·66	7 ·08	9	27	Sat. 19	10 ·99	... ...	8	25	Thur. 19	11 ·26	16 ·12	10
—30	Fri. 21	12 ·73	8 ·16	10	28	Sun. 20	... ...	11 ·07	9	26	Fri. 20	12 ·26	17 ·15	11
1	Sat. 22	13 ·80	9 ·26	11	29	Mon. 21	11 ·07	12 ·18	10	27	Sat. 21	13 ·25	18 ·16	12
2	Sun. 23	14 ·89	10 ·36	12	30	Tues. 22	12 ·15	13 ·28	11	28	Sun. 22	14 ·22	19 ·17	13
3	Mon. 24	**P** ·98	11 ·47	13	—31	Wed. 23	13 ·21	14 ·36	12	29	Mon. 23	**P** ·17	20 ·14	14
4	Tues. 25	... ...	12 ·58	14	1	Thur. 24	14 ·26	15 ·43	13	30	Tues. 24	1 ·10	21 ·11	15
5	Wed. 26	1 ·06	13 ·67	15	2	Fri. 25	**P** ·28	16 ·49	14	—31	Wed. 25	2 ·02 / 3 ·92	22 ·05 / 23 ·99	16
6	Thur. 27	2 ·12	14 ·75	16	3	Sat. 26	1 ·30	17 ·51	15	1	Thur. 26	4 ·82	24 ·94	17
7	Fri. 28	3 ·17	15 ·81	17	4	Sun. 27	2 ·28	18 ·52	16	2	Fri. 27	5 ·72	25 ·87	18
					5	Mon. 28	3 ·25	19 ·50	17	3	Sat. 28	6 ·62	26 ·79	19
					6	Tues. 29	4 ·20	20 ·47	18	4	Sun. 29	7 ·52	27 ·73	20
					7	Wed. 30	5 ·13	21 ·44	19	5	Mon. 30	8 ·42	1 ·67	21

Saumya. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* *H. 524 Muharram.* *H. 524 Śafar.* *H. 524 Rabī-ul awwal.*

Saumya. **Kumbha—Māśi.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* *H. 524 Jamādā'l awwal.*

Sādhāraṇa. **Mīna—Pāṅguni.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* *H. 524 Rabī-ul ākhir.* *H. 524 Jamādā'l awwal.*

Sādhāraṇa. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshtha.** *Śukla.* *H. 524 Jamādā'l ākhir.* *H. 524 Rajab.*

Sādhāraṇa. **Vrishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Śukla.* **Āshādha.** *Bahula.*

Sādhāraṇa. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1130. **Kolam 306,** { **N. Malabar—Aug.** **Hijra 525.** **Vikrama 1187.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Dec. 4.** **Bengal San. 536.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	9 ·33	2 ·62	22	5	Mon.	1	12 ·26	9 ·38	25	6	Sat.	1	14 ·89	15 ·59	27
7	Wed.	2	10 ·26	3 ·59	23	6	Tues.	2	13 ·32	10 ·46	26	7	Sun.	2	—**A** ·95	16 ·66	28
8	Thur.	3	11 ·21	4 ·57	24	7	Wed.	3	14 ·39	11 ·57	27	8	Mon.	3	1 ·99	17 ·73	29
9	Fri.	4	12 ·18	5 ·57	25	8	Thur.	4	—**A** ·48	12 ·68	28	9	Tues.	4	2 ·99	18 ·76	—30
10	Sat.	5	13 ·15	6 ·59	26	9	Fri.	5	1 ·57	13 ·78	29	10	Wed.	5	3 ·98	19 ·78	1
11	Sun.	6	14 ·16	7 ·62	27	10	Sat.	6	2 ·64	14 ·88	—30	11	Thur.	6	4 ·95	20 ·79	2
12	Mon.	7	—**A** ·19	8 ·69	28	11	Sun.	7	3 ·70	15 ·97	1	12	Fri.	7	5 ·90	21 ·77	3
13	Tues.	8	1 ·23	9 ·77	29	12	Mon.	8	4 ·75	... ...	2	13	Sat.	8	6 ·84	22 ·73	4
14	Wed.	9	2 ·29	10 ·86	—30	13	Tues.	9	5 ·78	16 ·04	3	14	Sun.	9	7 ·76	23 ·68	5
15	Thur.	10	3 ·36	11 ·96	1	14	Wed.	10	6 ·80	17 ·10	4	15	Mon.	10	8 ·68	24 ·62	6
16	Fri.	11	4 ·45	... ...	2	15	Thur.	11	7 ·78	18 ·13	5	16	Tues.	11	9 ·58	25 ·57	7
17	Sat.	12	5 ·53	12 ·07	3	16	Fri.	12	8 ·75	19 ·14	6	17	Wed.	12	10 ·48	26 ·50	8
18	Sun.	13	6 ·61	13 ·19	4	17	Sat.	13	9 ·70	20 ·13	7	18	Thur.	13	11 ·38	27 ·43	9
19	Mon.	14	7 ·67	14 ·28	5	18	Sun.	14	10 ·63	21 ·10	8	19	Fri.	14	12 ·29	1 ·36	10
20	Tues.	15	8 ·71	15 ·36	6	19	Mon.	15	11 ·55	22 ·06	9	20	Sat.	15	13 ·20	2 ·30	11
21	Wed.	16	9 ·74	16 ·42	7	20	Tues.	16	12 ·46	23 ·01	10	21	Sun.	16	14 ·12	3 ·26	12
22	Thur.	17	10 ·75	17 ·46	8					24 ·95		22	Mon.	17	**P** ·05	4 ·22	13
23	Fri.	18	11 ·74	18 ·49	9	21	Wed.	17	13 ·37	25 ·88	11	23	Tues.	18	1 ·01	5 ·20	14
24	Sat.	19	12 ·70	19 ·49	10	22	Thur.	18	14 ·27	26 ·81	12				2 ·98		
25	Sun.	20	13 ·65	20 ·47	11	23	Fri.	19	**P** ·17	27 ·75	13	24	Wed.	19	3 ·96	6 ·19	15
26	Mon.	21	14 ·59	21 ·44	12	24	Sat.	20	1 ·07	1 ·69	14	25	Thur.	20	4 ·97	7 ·20	16
27	Tues.	22	**P** ·50	22 ·39	13				2 ·98			26	Fri.	21	... ...	8 ·25	17
28	Wed.	23	1 ·40	23 ·33	14	25	Sun.	21	3 ·90	2 ·63	15	27	Sat.	22	5 ·01	9 ·30	18
29	Thur.	24	2 ·30	24 ·27	15	26	Mon.	22	4 ·84	3 ·58	16	28	Sun.	23	6 ·05	10 ·38	19
30	Fri.	25	3 ·20	25 ·20	16	27	Tues.	23	5 ·79	4 ·55	17	29	Mon.	24	7 ·12	11 ·47	20
31	Sat.	26	4 ·10	26 ·13	17	28	Wed.	24	6 ·75	5 ·54	18	—30	Tues.	25	8 ·21	12 ·57	21
—32	Sun.	27	5 ·00	27 ·06	18	29	Thur.	25	7 ·74	6 ·55	19	1	Wed.	26	9 ·30	13 ·68	22
			6 ·91			—30	Fri.	26	8 ·74	7 ·57	20	2	Thur.	27	10 ·39	14 ·79	23
1	Mon.	28	7 ·83	1 ·00	19	1	Sat.	27	9 ·78	8 ·62	21	3	Fri.	28	11 ·47	15 ·89	24
				2 ·95		2	Sun.	28	10 ·82	9 ·68	22	4	Sat.	29	12 ·54	16 ·97	25
2	Tues.	29	8 ·75	3 ·92	20	3	Mon.	29	11 ·88	10 ·76	23	5	Sun.	30	13 ·59	... ...	26
3	Wed.	30	9 ·70	4 ·90	21	4	Tues.	30	12 ·96	11 ·87	24						
4	Thur.	31	10 ·67	5 ·89	22												
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	11 ·64	6 ·90	23	5	Wed.	1	... ...	12 ·98	25	6	Mon.	1	14 ·63	17 ·04	27
6	Sat.	2	12 ·65	7 ·95	24	6	Thur.	2	13 ·05	... ...	26	7	Tues.	2	—**A** ·63	18 ·08	28
7	Sun.	3	13 ·68	... ..	25	7	Fri.	3	14 ·14	13 ·08	27	8	Wed.	3	1 ·62	19 ·10	—29
8	Mon.	4	14 ·73	8 ·00	26	8	Sat. ●	4	—**A** ·22	14 ·18	28	9	Thur.	4	2 ·59	20 ·11	1
9	Tues.	5	—**A** ·79	9 ·07	27	9	Sun.	5	1 ·29	15 ·28	—29	10	Fri.	5	3 ·55	21 ·10	2
10	Wed.	6	1 ·86	10 ·16	28	10	Mon.	6	2 ·34	16 ·36	1	11	Sat.	6	4 ·48	22 ·07	3
11	Thur.	7	2 ·95	11 ·26	—29	11	Tues.	7	3 ·36	17 ·41	2					23 ·02	
12	Fri.	8	... ...	12 ·37	1	12	Wed.	8	4 ·38	18 ·45	3	12	Sun.	7	5 ·40	24 ·97	4
13	Sat.	9	3 ·03	13 ·49	2	13	Thur.	9	5 ·36	19 ·46	4	13	Mon.	8	6 ·32	25 ·91	5
14	Sun.	10	4 ·11	14 ·58	3	14	Fri.	10	6 ·33	20 ·46	5	14	Tues.	9	7 ·22	26 ·84	6
15	Mon.	11	5 ·17	15 ·67	4	15	Sat.	11	7 ·28	21 ·43	6	15	Wed.	10	8 ·12	27 ·77	7
16	Tues.	12	6 ·22	16 ·73	5	16	Sun.	12	8 ·22	22 ·40	7				9 ·02		
17	Wed.	13	7 ·24	17 ·78	6	17	Mon.	13	9 ·14	23 ·35	8	16	Thur.	11	10 ·93	1 ·70	8
18	Thur.	14	8 ·26	18 ·81	7	18	Tues.	14	10 ·06	24 ·29	9	17	Fri.	12	11 ·84	2 ·64	9
19	Fri.	15	9 ·24	19 ·82	8				11 ·96			18	Sat.	13	12 ·76	3 ·59	10
20	Sat.	16	10 ·21	20 ·80	9	19	Wed.	15	12 ·86	25 ·23	10	19	Sun.	14	13 ·70	4 ·55	11
21	Sun.	17	11 ·16	21 ·77	10	20	Thur.	16	13 ·76	26 ·16	11	20	Mon.	15	14 ·65	5 ·52	12
22	Mon.	18	12 ·09	22 ·72	11	21	Fri.	17	14 ·66	27 ·09	12	21	Tues.	16	**P** ·62	6 ·51	13
23	Tues.	19	13 ·01	23 ·68	12	22	Sat.	18	**P** ·57	1 ·02	13	22	Wed.	17	1 ·61	7 ·52	14
			14 ·92							2 ·96		23	Thur.	18	2 ·62	8 ·56	15
24	Wed.	20	**P** ·82	24 ·61	13	23	Sun.	19	**Kārttika.** 1 ·50	3 ·91	14	24	Fri.	19	3 ·65	9 ·61	16
25	Thur.	21	1 ·72	25 ·54	14	24	Mon.	20	2 ·43	4 ·89	15	25	Sat.	20	4 ·70	10 ·68	17
26	Fri.	22	2 ·62	26 ·47	15	25	Tues.	21	3 ·38	5 ·87	16	26	Sun.	21	5 ·77	11 ·77	18
27	Sat.	23	3 ·52	27 ·40	16	26	Wed.	22	4 ·34	6 ·87	17	27	Mon.	22	6 ·85	12 ·87	19
28	Sun.	24	4 ·43	1 ·35	17	27	Thur.	23	5 ·33	7 ·89	18	28	Tues.	23	7 ·94	13 ·99	20
29	Mon.	25	5 ·35	2 ·29	18	28	Fri.	24	6 ·34	8 ·93	19	—29	Wed.	24	... ...	... ...	21
30	Tues.	26	6 ·28	3 ·25	19	29	Sat.	25	7 ·38	... ...	20	1	Thur.	25	8 ·03	14 ·09	22
—31	Wed.	27	7 ·23	4 ·22	20	—30	Sun.	26	8 ·43	9 ·00	21	2	Fri.	26	9 ·11	15 ·19	23
1	Thur.	28	8 ·19	5 ·21	21	1	Mon.	27	9 ·49	10 ·08	22	3	Sat.	27	10 ·18	16 ·28	24
2	Fri.	29	9 ·17	6 ·23	22	2	Tues.	28	10 ·57	11 ·17	23	4	Sun.	28	11 ·24	17 ·34	25
3	Sat.	30	10 ·18	7 ·26	23	3	Wed.	29	11 ·66	12 ·27	24	5	Mon.	29	12 ·27	18 ·40	26
4	Sun.	31	11 ·21	8 ·31	24	4	Thur.	30	12 ·75	13 ·38	25	6	Tues.	30	13 ·27	19 ·42	27
						5	Fri.	31	13 ·82	14 ·49	26	7	Wed.	31	14 ·26	20 ·44	28

Sādhārana. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.**

Sādhārana. **Simha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.**

Sādhārana. **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.**

Sādhārana. **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Śukla.* **Vaiśākha.**

Sādhārana. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.**

Sādhārana. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyaishṭha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1131. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·64. **Śaka 1053.** **Kaliyuga 4232.**
Lunar Eclipse. ○ (Arya Sid.) March 24·59. **(S. Cycle) Virodhakrit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Thur.	1	—A ·23	21 ·43	29	8	Sun.	1	—A ·18	26 ·85	29	7	Fri.	1	3 ·62	5 ·17	1
9	Fri.	2	1 ·19	22 ·40	—30	9	Mon.	2	1 ·08 / 2 ·98	27 ·79	—30	8	Sat.	2	4 ·57	6 ·14	2
10	Sat.	3	2 ·12	23 ·36	1							9	Sun.	3	5 ·54	7 ·13	3
11	Sun.	4	3 ·05 / 4 ·96	24 ·31	2	10	Tues.	3	3 ·88	1 ·72	1	10	Mon.	4	6 ·51	8 ·15	4
12	Mon.	5	5 ·87	25 ·24	3	11	Wed.	4	4 ·79	2 ·65	2	11	Tues.	5	7 ·52	9 ·18	5
13	Tues.	6	6 ·77	26 ·17	4	12	Thur.	5	5 ·70	3 ·59	3	12	Wed.	6	8 ·55	10 ·22	6
14	Wed.	7	7 ·67	27 ·10	5	13	Fri.	6	6 ·62	4 ·54	4	13	Thur.	7	9 ·59	11 ·29	7
15	Thur.	8	8 ·57	1 ·04 / 2 ·98	6	14	Sat.	7	7 ·56	5 ·51	5	14	Fri.	8	10 ·66	12 ·38	8
16	Fri.	9	9 ·48	3 ·92	7	15	Sun.	8	8 ·51	6 ·49	6	15	Sat.	9	11 ·73	13 ·48	9
17	Sat.	10	10 ·41	4 ·88	8	16	Mon.	9	9 ·47	7 ·49	7	16	Sun.	10	12 ·82	14 59	10
18	Sun.	11	11 ·35	5 ·85	9	17	Tues.	10	10 ·46	8 ·50	8	17	Mon.	11	13 ·90	15 ·70	11
19	Mon.	12	12 ·30	6 ·83	10	18	Wed.	11	11 ·46	9 ·54	9	18	Tues.	12	14 ·98	16 ·80	12
20	Tues.	13	13 ·26	7 ·85	11	19	Thur.	12	12 ·50	10 ·61	10	19	Wed.	13	.. ..	17 ·89	13
21	Wed.	14	14 ·25	8 ·87	12	20	Fri.	13	13 ·55	11 ·68	11	20	Thur.	14	P ·04	18 ·96	14
22	Thur.	15	P ·26	9 ·92	13	21	Sat.	14	14 ·62	12 ·78	12	21	Fri.	15	1 ·09	.. ..	15
23	Fri.	16	1 ·29	10 ·99	14	22	Sun.○	15	P ·69	13 ·88	13	22	Sat.	16	2 ·11	19 ·02	16
24	Sat.	17	2 ·34	... ...	15	23	Mon.	16	1 ·77	14 ·99	14	23	Sun.	17	3 ·11	20 ·05	17
25	Sun.	18	3 ·41	11 ·07	16	24	Tues.	17	2 ·86	... ...	15	24	Mon.	18	4 ·10	21 ·06	18
26	Mon.	19	4 ·49	12 ·17	17	25	Wed.	18	3 ·94	15 ·10	16	25	Tues.	19	5 ·06	22 ·05	19
27	Tues.	20	5 ·58	13 ·27	18	26	Thur.	19	.. ..	16 ·20	17	26	Wed.	20	6 ·01 / 7 ·94	23 ·02 / 24 ·99	20
28	Wed.	21	6 ·67	14 ·39	19	27	Fri.	20	4 ·01	17 ·28	18	27	Thur.	21	8 ·86	25 ·94	21
29	Thur.	22	7 ·75	15 ·49	20	28	Sat.	21	5 ·06	18 ·34	19	28	Fri.	22	9 ·76	26 ·88	22
1	Fri.	23	8 ·82	16 ·58	21	29	Sun.	22	6 ·09	19 ·38	20	29	Sat.	23	10 ·66	27 ·81	23
2	Sat.	24	9 ·87	17 ·66	22	30	Mon.	23	7 ·09	20 ·40	21	30	Sun.	24	11 ·56	1 ·74	24
3	Sun.	25	10 ·90	18 ·72	23	—31	Tues.	24	8 ·07	21 ·41	22	—31	Mon.	25	12 ·45	2 ·68	25
4	Mon.	26	11 ·91	19 ·75	24	1	Wed.	25	9 ·03 / 10 ·98	22 ·40	23	1	Tues.	26	13 ·35	3 ·61	26
5	Tues.	27	12 ·90	20 ·76	25	2	Thur.	26	11 ·92	23 ·36	24	2	Wed.	27	14 ·26	4 ·55	27
6	Wed.	28	13 ·87	21 ·75	26	3	Fri.	27	12 ·84	24 ·31	25	3	Thur.	28	—A ·18	5 ·50	28
7	Thur.	29	14 ·82	22 ·72	27	4	Sat.	28	13 ·75	25 ·26	26	4	Fri.	29	1 ·10	6 ·47	—29
8	Fri.	30	—A ·75	23 ·70	28	5	Sun.	29	14 ·65	26 ·20	27	5	Sat.	30	2 ·05	7 ·47	1
9	Sat.	31	1 ·68	24 ·64.	—29	6	Mon.	30	←A ·55	27 ·13	28	6	Sun.	31	3 ·02	8 ·47	2
						7	Tues.	31	1 ·45	1 ·06 / 2 ·99	—29						
	Feb.						**April.**						**June.**				
10	Sun.	1	2 ·59	25 ·58	1	8	Wed.	1	2 ·35	3 ·93	1	7	Mon.	1	4 ·00	9 ·49	3
11	Mon.	2	3 ·50	26 ·51	2	9	Thur.	2	3 ·26	4 ·38	2	8	Tues.	2	5 ·01	10 ·53	4
12	Tues.	3	4 ·40	27 ·44	3	10	Fri.	3	4 ·18	5 ·84	3	9	Wed.	3	6 ·03	11 ·60	5
13	Wed.	4	5 ·30	1 ·38	4	11	Sat.	4	5 ·11	6 ·82	4	10	Thur.	4	7 ·08	12 ·68	6
14	Thur.	5	6 ·20	2 ·32	5	12	Sun.	5	6 ·05	7 ·81	5	11	Fri.	5	8 ·14	13 ·78	7
15	Fri.	6	7 ·11	3 ·26	6	13	Mon.	6	7 ·02	8 ·82	6	12	Sat.	6	9 ·22	14 ·89	8
16	Sat.	7	8 ·03 / 9 ·97	4 ·21	7	14	Tues.	7	8 ·00	9 ·86	7	13	Sun.	7	10 ·30	... ..	9
17	Sun.	8	10 ·92	5 ·18	8	15	Wed.	8	9 ·00	10 ·92	8	14	Mon.	8	11 ·38	15 ·00	10
18	Mon.	9	11 ·88	6 ·17	9	16	Thur.	9	10 ·04	11 ·99	9	15	Tues.	9	12 ·46	16 ·10	11
19	Tues.	10	12 ·87	7 ·17	10	17	Fri.	10	11 ·09	.. ..	10	16	Wed.	10	13 ·52	17 ·19	12
20	Wed.	11	13 ·88	8 ·19	11	18	Sat.	11	12 ·16	12 ·08	11	17	Thur.	11	14 ·56	18 ·27	13
21	Thur.	12	14 ·91	9 ·23	12	19	Sun.	12	13 ·23	13 ·18	12	18	Fri.	12	P ·59	19 ·33	14
22	Fri.	13	P ·96	10 ·29	13	20	Mon.	13	14 ·31	14 ·28	13	19	Sat.	13	1 ·60	20 ·37	15
23	Sat.	14	.. ..	11 ·38	14	21	Tues.	14	P ·39	15 ·39	14	20	Sun.	14	2 ·58	21 ·38	16
24	Sun.	15	1 ·03	12 ·48	15	22	Wed.	15	1 ·47	16 ·50	15	21	Mon.	15	3 54	22 ·38	17
25	Mon.	16	2 ·11	13 ·58	16	23	Thur.	16	2 ·54	17 ·58	16	22	Tues.	16	4 ·49	23 ·36	18
26	Tues.	17	3 ·19	14 ·69	17	24	Fri.	17	3 ·59	18 ·65	17	23	Wed.	17	5 ·42	24 ·33	19
27	Wed.	18	4 ·28	15 ·79	18	25	Sat.	18	4 ·62	19 70	18	24	Thur.	18	6 ·33	25 ·27	20
28	Thur.	19	5 ·36	16 ·89	19	26	Sun.	19	5 ·61	20 ·73	19	25	Fri.	19	7 ·23	26 ·21	21
29	Fri.	20	6 ·43	17 ·97	20	27	Mon.	20	6 ·60	21 ·74	20	26	Sat.	20	8 ·13	27 ·15	22
—30	Sat.	21	7 ·48	... ...	21	28	Tues.	21	7 ·56	22 ·72	21	27	Sun.	21	9 ·03 / 10 ·99	1 ·08	23
1	Sun.	22	8 ·51	18 ·03	22	29	Wed.	22	8 ·51	23 ·69	22					2 ·01	
2	Mon.	23	9 ·52	19 ·07	23	30	Thur.	23	9 ·44	24 ·65	23	28	Mon.	22	11 ·83	3 ·95	24
3	Tues.	24	10 ·50	20 ·08	24	—31	Fri.	24	10 ·36	25 ·60	24	29	Tues.	23	12 ·73	4 ·89	25
4	Wed.	25	11 ·47	21 ·09	25	1	Sat.	25	11 ·26	26 ·54	25	30	Wed.	24	13 ·65	5 ·84	26
5	Thur.	26	12 ·42	22 ·07	26	2	Sun.	26	12 ·16	27 ·47	26	31	Thur.	25	14 ·58	6 ·80	27
6	Fri.	27	13 ·35	23 ·03 / 24 ·98	27	3	Mon.	27	13 ·06 / 14 ·96	1 ·40	27	—32	Fri.	26	—A ·54	7 ·79	28
7	Sat.	28	14 27	25 ·92	28	4	Tues.	28	—A ·86	2 ·33	28	1	Sat.	27	1 ·50	8 ·79	29
						5	Wed.	29	1 ·77	3 ·37	29	2	Sun.	28	2 ·48	9 ·81	—30
						6	Thur.	30	2 ·69	4 ·22	—30	3	Mon.	29	3 ·49	10 ·84	1
												4	Tues.	30	4 ·51	11 ·90	2

Sādhārana. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H.* 525 *Śafar.*

Sādhārana. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 525 *Rabi-ul awwal.*

Sādhārana. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 525 *Rabi-ul ākhir.*

Virodhakrit. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 525 *Jamāda'l awwal.*

Virodhakrit. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 525 *Jamāda'l ākhir.*

Virodhakrit. **Mithuna—Āni.** *Śukla.* **Adhika Āshādha.** *Bahula.* *H.* 525 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1131. **Kollam 307,** { **N. Malabar—Aug.** **Hijra 526.** **Vikrama 1188.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 23.** **Bengal San. 537.**
P—Paurnimā. **(N. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Wed.	1	5 ·56	12 ·99	3	5	Tues.	1	7 ·03	18 ·19	6	6	Sun.	1	9 ·18	25 ·95	8
6	Thur.	2	6 ·62	... ...	4	6	Wed.	2	8 ·07	19 ·26	7	7	Mon.	2	10 ·12	26 ·90	9
7	Fri.	3	7 ·70	13 ·08	5	7	Thur.	3	9 ·10	20 ·31	8	8	Tues.	3	11 ·05 / 12 ·96	27 ·84	10
8	Sat.	4	8 ·78	14 ·18	6	8	Fri.	4	10 ·10	21 ·35	9	9	Wed.	4	13 ·86	1 ·78	11
9	Sun.	5	9 ·87	15 ·29	7	9	Sat.	5	11 ·09	22 ·36	10	10	Thur.	5	14 ·76	2 ·72	12
10	Mon.	6	10 ·94	16 ·40	8	10	Sun.	6	12 ·05	23 ·35	11	11	Fri.	6	13 ·00 / 14 ·93	24 ·32	12
11	Tues.	7	... ...	17 ·50	9	11	Mon.	7	13 ·00 / 14 ·93	24 ·32	12	12	Sat.	7	P ·85	25 ·28	13
12	Wed.	8	11 ·00	18 ·57	10	12	Tues. ○	8	P ·85	25 ·28	13	13	Sun.	8	1 ·76	26 ·23	14
13	Thur.	9	12 ·04	19 ·64	11	13	Wed.	9	1 ·76	26 ·23	14	14	Mon.	9	3 ·56	1 ·10	15
14	Fri.	10	13 ·07	20 ·68	12	14	Thur.	10	2 ·66	27 ·17	15	15	Tues.	10	4 ·46	2 ·00 / 3 ·96	16
15	Sat.	11	14 ·08	21 ·70	13	15	Fri.	11	3 ·56	1 ·10	16	16	Wed.	11	5 ·36	4 ·90	17
16	Sun.	12	P ·06	22 ·71	14	16	Sat.	12	4 ·46	2 ·00 / 3 ·96	17	17	Thur.	12	6 ·27	5 ·85	18
17	Mon.	13	1 ·02 / 2 ·97	23 ·69	15	17	Sun.	13	5 ·36	4 ·90	18	18	Fri.	13	7 ·19	6 ·80	19
18	Tues.	14	3 ·90	24 ·66	16	18	Mon.	14	6 ·27	5 ·85	19	19	Sat.	14	8 ·13	7 ·77	20
19	Wed.	15	4 ·81	25 ·61	17	19	Tues.	15	7 ·19	6 ·80	20	20	Sun.	15	9 ·08	8 ·75	21
20	Thur.	16	5 ·72	26 ·55	18	20	Wed.	16	8 ·13	7 ·77	21	21	Mon.	16	10 ·05	9 ·77	22
21	Fri.	17	6 ·62	27 ·48	19	21	Thur.	17	9 ·08	8 ·75	22	22	Tues.	17	11 ·03	10 ·79	23
22	Sat.	18	7 ·52	1 ·42	20	22	Fri.	18	10 ·05	9 ·77	23	23	Wed.	18	12 ·05	11 ·84	24
23	Sun.	19	8 ·42	2 ·34	21	23	Sat.	19	11 ·03	10 ·79	24	24	Thur.	19	13 ·07	12 ·90	25
24	Mon.	20	9 ·32	3 ·28	22	24	Sun.	20	12 ·05	11 ·84	25	25	Fri.	20	14 ·12	13 ·99	26
25	Tues.	21	10 ·23	4 ·22	23	25	Mon.	21	13 ·07	12 ·90	26	26	Sat.	21	—A ·20	... ...	27
26	Wed.	22	11 ·14	5 ·17	24	26	Tues.	22	14 ·12	13 ·99	27	27	Sun.	22	1 ·28	14 ·09	28
27	Thur.	23	12 ·06	6 ·14	25	27	Wed. ●	23	—A ·20	... ...	28	28	Mon.	23	2 ·37	15 ·20	—29
28	Fri.	24	13 ·01 / 14 ·98	7 ·12	26	28	Thur.	24	1 ·28	14 ·09	—29	29	Tues.	24	3 ·45	16 ·31	1
29	Sat.	25	—A ·97	8 ·11	27	29	Fri.	25	2 ·37	15 ·20	1	30	Wed.	25	4 ·53	17 ·40	2
30	Sun.	26	1 ·98	9 ·12	28	30	Sat.	26	3 ·45	16 ·31	2	1	Thur.	26	5 ·59	18 ·49	3
31	Mon.	27	... ...	10 ·16	—29	1	Sun.	27	4 ·53	17 ·40	3	2	Fri.	27	6 ·63	19 ·57	4
1	Tues.	28	2 ·00	11 ·21	1	2	Mon.	28	5 ·59	18 ·49	4	3	Sat.	28	7 ·67	20 ·63	5
2	Wed.	29	3 ·05	12 ·29	2	3	Tues.	29	6 ·63	19 ·57	5	4	Sun.	29			6
3	Thur.	30	4 ·11	13 ·38	3	4	Wed.	30	7 ·67	20 ·63	6	5	Mon.	30			
4	Fri.	31	5 ·19	14 ·48	4												
	Aug.						**Oct.**						**Dec.**				
5	Sat.	1	6 ·27	15 ·59	5	5	Thur.	1	8 ·67	21 ·67	7	6	Tues.	1	10 ·59	27 ·18	9
6	Sun.	2	7 ·36	16 ·71	6	6	Fri.	2	9 ·66	22 ·68	8	7	Wed.	2	11 ·50	1 ·13	10
7	Mon.	3	8 ·43	17 ·80	7	7	Sat.	3	10 ·63	23 ·67	9	8	Thur.	3	12 ·40	2 ·05 / 3 ·98	11
8	Tues.	4	9 ·49	18 ·89	8	8	Sun.	4	11 ·58	24 ·65	10	9	Fri.	4	13 ·30	4 ·92	12
9	Wed.	5	10 ·54	19 ·95	9	9	Mon.	5	12 ·52	25 ·62	11	10	Sat.	5	14 ·21	5 ·85	13
10	Thur.	6	11 ·58	... ...	10	10	Tues.	6	13 ·44	26 ·57	12	11	Sun.	6	P ·12	6 ·80	14
11	Fri.	7	12 ·57	20 ·00	11	11	Wed.	7	14 ·34	27 ·51	13	12	Mon.	7	1 ·04 / 2 ·98	7 ·77	15
12	Sat.	8	13 ·55	21 ·03	12	12	Thur.	8	P ·24	1 ·44	14						
13	Sun.	9	14 ·52	22 ·04	13	13	Fri.	9	1 ·14	2 ·37	15	13	Tues.	8	3 ·93	8 ·74	16
14	Mon.	10	P ·47	23 ·02 / 24 ·99	14	14	Sat.	10	2 ·04 / 3 ·95	3 ·31	16	14	Wed.	9	4 ·90	9 ·73	17
15	Tues.	11	1 ·40	25 ·94	15	15	Sun.	11	4 ·86	4 ·23	17	15	Thur.	10	5 ·90	10 ·74	18
16	Wed.	12	2 ·32	26 ·89	16	16	Mon.	12	5 ·79	5 ·18	18	16	Fri.	11	6 ·91	11 ·77	19
17	Thur.	13	3 ·22	27 ·83	17	17	Tues.	13	6 ·72	6 ·13	19	17	Sat.	12	7 ·94	12 ·83	20
18	Fri.	14	4 ·12	1 ·76	18	18	Wed.	14	7 ·67	7 ·10	20	18	Sun.	13	... ...	13 ·90	21
19	Sat.	15	5 ·02 / 6 ·92	2 ·69	19	19	Thur.	15	8 ·64	8 ·09	21	19	Mon.	14	8 ·00	14 ·99	22
20	Sun.	16	7 ·82	3 ·62	20	20	Fri.	16	9 ·62	9 ·09	22	20	Tues.	15	9 ·07	... ...	23
21	Mon.	17	8 ·73	4 ·56	21	21	Sat.	17	10 ·64	10 ·11	23	21	Wed.	16	10 ·15	15 ·09	24
22	Tues.	18	9 ·65	5 ·51	22	22	Sun.	18	11 ·67	11 ·15	24	22	Thur.	17	11 ·23	16 ·20	25
23	Wed.	19	10 ·58	6 ·47	23	23	Mon.	19	12 ·73	12 ·21	25	23	Fri.	18	12 ·32	17 ·31	26
24	Thur.	20	11 ·52	7 ·44	24	24	Tues.	20	13 ·79	13 ·29	26	24	Sat.	19	13 ·40	18 ·41	27
25	Fri.	21	12 ·49	8 ·43	25	25	Wed.	21	14 ·87	14 ·38	27	25	Sun.	20	14 ·47	19 ·50	28
26	Sat.	22	13 ·48	9 ·44	26	26	Thur.	22	—A ·96	15 ·49	28	26	Mon.	21	—A ·52	20 ·56	29
27	Sun.	23	14 ·49	10 ·48	27	27	Fri.	23	... ...	16 ·60	29	27	Tues.	22	1 ·55	21 ·61	—30
28	Mon.	24	—A ·52	11 ·52	28	28	Sat.	24	1 ·05	17 ·70	—30	28	Wed.	23	2 ·56	22 ·65	1
29	Tues.	25	1 ·57	12 ·60	29	29	Sun.	25	2 ·13	18 ·80	1	29	Thur.	24	3 ·55	23 ·66	2
30	Wed.	26	2 ·64	13 ·68	—30	30	Mon.	26	3 ·19	19 ·89	2	1	Fri.	25	4 ·52	24 ·65	3
31	Thur.	27	3 ·72	14 ·78	1	1	Tues.	27	4 ·24	20 ·95	3	2	Sat.	26	5 ·47	25 ·62	4
1	Fri.	28	4 ·81	15 ·90	2	2	Wed.	28	5 ·27	21 ·98	4	3	Sun.	27	6 ·41	26 ·57	5
2	Sat.	29	5 ·89	... ...	3	3	Thur.	29	6 ·28	... ...	5	4	Mon.	28	7 ·33	27 ·53	6
3	Sun.	30	6 ·96	16 ·01	4	4	Fri.	30	7 ·27	22 ·00	6	5	Tues.	29	8 ·24	1 ·46	7
4	Mon.	31	... ...	17 ·10	5	5	Sat.	31	8 ·23	23 ·00 / 24 ·99	7	6	Wed.	30	9 ·14	2 ·39	8
												7	Thur.	31	10 ·04 / 11 ·94	3 ·32	9

Virodhakṛit. **Karkataka—Ādi.** *Sukla.* **Nija Āshādha.** *Bahula.* *H. 525 Sha'bān.*
Virodhakṛit. **Kanyā—Purattāśi.** *Sukla.* **Bhādrapada.** *Bahula.* *H. 525 Shawwāl.*
Virodhakṛit. **Vriśchika—Kārttigai.** *Sukla.* **Āśvina.** *Bahula.* *H. 525 Zi-l-ka'da.*
Virodhakṛit. **Siṁha—Āvani.** *Sukla.* **Śrāvana.** *Bahula.* *H. 525 Ramazān.*
Virodhakṛit. **Tulā—Aippasi.** *Sukla.* **Āśvina.** *Bahula.* *H. 525 Zi-l-ka'da.*
Virodhakṛit. **Dhanus—Mārgali.** *Sukla.* **Mārgaśīrsha.** *Bahula.* *H. 526 Muharram.*
Virodhakṛit. **Makara—Tai.** *Sukla.* *Sukla.* *H. 526 Śafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1132. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Sūrya Sid.) **March 23·89.** **Śaka 1054.** **Kaliyuga 4233.**
Lunar Eclipse. ○ (Arya Sid.) **March 23·84.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Fri. 1	12 ·85	4 ·25	10	8	Tues. 1	13 ·78	10 ·71	11	8	Sun. 1	... ...	16 ·70	13
9	Sat. 2	13 ·76	5 ·19	11	9	Wed. 2	14 ·76	11 ·72	12	9	Mon. 2	P ·07	17 ·80	14
10	Sun. 3	14 ·69	6 ·14	12	10	Thur.○3	P ·78	12 ·76	13	10	Tues. 3	1 ·15	18 ·92	15
11	Mon. 4	P ·63	7 ·10	13	11	Fri. 4	1 ·81	13 ·82	14	11	Wed. 4	2 ·23	... ...	16
12	Tues. 5	1 ·57	8 ·07	14	12	Sat. 5	2 ·86	14 ·91	15	12	Thur. 5	3 ·31	19 ·02	17
13	Wed. 6	2 ·54	9 ·05	15	13	Sun. 6	3 ·92	... ...	16	13	Fri. 6	4 ·38	20 ·11	18
14	Thur. 7	3 ·54	10 ·06	16	14	Mon. 7	... ...	15 ·00	17	14	Sat. 7	5 ·42	21 ·18	19
15	Fri. 8	4 ·55	11 ·09	17	15	Tues. 8	4 ·00	16 ·10	18	15	Sun. 8	6 ·43	22 ·23	20
16	Sat. 9	5 ·58	12 ·14	18	16	Wed. 9	5 ·09	17 ·21	19	16	Mon. 9	7 ·44	23 ·27	21
17	Sun. 10	6 ·64	13 ·21	19	17	Thur. 10	6 ·17	18 ·31	20	17	Tues. 10	8 ·42	24 ·28	22
18	Mon. 11	7 ·71	14 ·29	20	18	Fri. 11	7 ·25	19 ·41	21	18	Wed. 11	9 ·39	25 ·27	23
19	Tues. 12	8 ·79	15 ·39	21	19	Sat. 12	8 ·32	20 ·50	22	19	Thur. 12	10 ·33	26 ·24	24
20	Wed. 13	9 ·87	16 ·51	22	20	Sun. 13	9 ·37	21 ·56	23	20	Fri. 13	11 ·26	27 ·20	25
21	Thur. 14	10 ·96	17 ·61	23	21	Mon. 14	10 ·39	22 ·60	24	21	Sat. 14	12 ·17	1 ·16	26
22	Fri. 15	... ...	18 ·71	24	22	Tues. 15	11 ·39	23 ·62	25			13 ·07		
23	Sat. 16	11 ·04	19 ·80	25	23	Wed. 16	12 ·38	24 ·62	26	22	Sun. 15	14 ·97	2 ·09	27
24	Sun. 17	12 ·11	20 ·87	26	24	Thur. 17	13 ·34	25 ·62	27				3 ·03	
25	Mon. 18	13 ·16	21 ·94	27	25	Fri. 18	14 ·29	26 ·58	28	23	Mon. 16	—A ·87	4 ·96	28
26	Tues. 19	14 ·20	22 ·97	28	26	Sat. 19	—A ·22	27 ·53	—29	24	Tues. 17	1 ·77	5 ·88	—29
27	Wed. 20	—A ·20	23 ·98	—29	27	Sun. 20	1 ·14	1 ·47	1	25	Wed. 18	2 ·67	6 ·82	1
28	Thur. 21	1 ·19	24 ·97	1			2 ·05			26	Thur 19	3 ·58	7 ·77	2
29	Fri. 22	2 ·15	25 ·95	2	28	Mon. 21	3 ·95	2 ·41	2	27	Fri. 20	4 ·50	8 ·72	3
—30	Sat. 23	3 ·10	26 ·91	3	29	Tues. 22	4 ·85	3 ·35	3	28	Sat. 21	5 ·43	9 ·69	4
		4 ·04			—30	Wed. 23	5 ·75	4 ·28	4	29	Sun. 22	6 ·37	10 ·68	5
1	Sun. 24	5 ·96	27 ·86	4	1	Thur. 24	6 ·65	5 ·21	5	30	Mon. 23	7 ·34	11 ·68	6
2	Mon. 25	6 ·87	1 ·80	5	2	Fri. 25	7 ·56	6 ·15	6	—31	Tues. 24	8 ·33	12 ·70	7
3	Tues. 26	7 ·78	2 ·73	6	3	Sat. 26	8 ·48	7 ·09	7	1	Wed. 25	9 ·33	13 ·75	8
4	Wed. 27	8 ·68	3 ·66	7	4	Sun. 27	9 ·41	8 ·06	8	2	Thur. 26	10 ·37	14 ·82	9
5	Thur. 28	9 ·58	4 ·59	8	5	Mon. 28	10 ·36	9 ·04	9	3	Fri. 27	11 ·42	15 ·90	10
6	Fri. 29	10 ·48	5 ·54	9	6	Tues. 29	11 ·33	10 ·03	10	4	Sat. 28	12 ·48	... ...	11
7	Sat. 30	11 ·39	6 ·48	10	7	Wed. 30	12 ·31	11 ·04	11	5	Sun. 29	13 ·55	16 ·00	12
8	Sun. 31	12 ·32	7 ·43	11	8	Thur. 31	13 ·33	12 ·07	12	6	Mon. 30	14 ·63	17 ·11	13
										7	Tues. 31	P ·72	18 ·22	14
	Feb.					**April.**					**June.**			
9	Mon. 1	13 ·26	8 ·39	12	9	Fri. 1	14 ·36	13 ·13	13	8	Wed. 1	1 ·79	19 ·32	15
10	Tues. 2	14 ·21	9 ·38	13	10	Sat. 2	P ·41	14 ·21	14	9	Thur. 2	2 ·86	20 ·41	16
11	Wed. 3	P ·18	10 ·39	14	11	Sun. 3	1 ·47	15 ·30	15	10	Fri. 3	3 ·90	21 ·49	17
12	Thur. 4	1 ·16	11 ·41	15	12	Mon. 4	2 ·55	16 ·40	16	11	Sat. 4	4 ·92	22 ·55	18
13	Fri. 5	2 ·17	12 ·45	16	13	Tues. 5	3 ·63	17 ·50	17	12	Sun. 5	5 ·92	23 ·59	19
14	Sat. 6	3 ·21	13 ·51	17	14	Wed. 6	4 ·72	18 ·61	18	13	Mon. 6	6 ·90	24 ·60	20
15	Sun. 7	4 ·26	14 ·59	18	15	Thur. 7	5 ·80	19 ·72	19	14	Tues. 7	7 ·86	25 ·60	21
16	Mon. 8	5 ·33	15 ·70	19	16	Fri. 8	6 ·86	20 ·80	20	15	Wed. 8	8 ·80	26 ·57	22
17	Tues. 9	6 ·41	16 ·80	20	17	Sat. 9	7 ·91	21 ·87	21	16	Thur. 9	9 ·73	27 ·54	23
18	Wed. 10	7 ·50	17 ·91	21	18	Sun. 10	8 ·93	22 ·92	22	17	Fri. 10	10 ·65	1 ·49	24
19	Thur. 11	8 ·59	... ...	22	19	Mon. 11	9 ·94	... ...	23	18	Sat. 11	11 ·56	2 ·43	25
20	Fri. 12	9 ·67	18 ·01	23				23 ·04		19	Sun. 12	12 ·46	3 ·36	26
21	Sat. 13	10 ·73	19 ·10	24	20	Tues. 12	10 ·91	24 ·96	24	20	Mon. 13	13 ·36	4 ·29	27
22	Sun. 14	11 ·78	20 ·18	25	21	Wed. 13	11 ·88	25 ·94	25	21	Tues. 14	14 ·25	5 ·22	28
23	Mon. 15	12 ·81	21 ·25	26	22	Thur. 14	12 ·82	26 ·91	26	22	Wed. 15	—A ·15	6 ·16	29
24	Tues. 16	13 ·81	22 ·29	27	23	Fri. 15	13 ·75	27 ·87	27			1 ·06		
25	Wed. 17	14 ·80	23 ·30	28	24	Sat. 16	14 ·67	1 ·81	28	23	Thur. 16	2 ·98	7 ·11	—30
26	Thur. 18	—A ·76	24 ·30	29	25	Sun. 17	—A ·57	2 ·76	29	24	Fri. 17	3 ·91	8 ·06	1
27	Fri. 19	1 ·72	25 ·28	—30	26	Mon. 18	1 ·47	3 ·69	—30	25	Sat. 18	4 ·85	9 ·02	2
28	Sat. 20	2 ·65	26 ·25	1	27	Tues. 19	2 ·37	4 ·62	1	26	Sun. 19	5 ·82	10 ·00	3
29	Sun. 21	3 ·57	27 ·20	2	28	Wed. 20	3 ·27	5 ·55	2	27	Mon. 20	6 ·80	11 ·01	4
—30	Mon. 22	4 ·48	1 ·14	3	29	Thur. 21	4 ·17	6 ·48	3	28	Tues. 21	7 ·81	12 ·03	5
1	Tues. 23	5 ·38	2 ·07	4	30	Fri. 22	5 ·08	7 ·44	4	29	Wed. 22	8 ·84	13 ·06	6
			3 ·00				6 ·00			30	Thur. 23	9 ·88	14 ·12	7
2	Wed. 24	6 ·28	4 ·94	5	—31	Sat. 23	7 ·93	8 ·39	5	31	Fri. 24	10 ·95	15 ·20	8
3	Thur. 25	7 ·18	5 ·87	6	1	Sun. 24	8 ·88	9 ·36	6	—32	Sat. 25	... ...	16 ·30	9
		8 ·08			2	Mon. 25	9 ·85	10 ·35	7	1	Sun. 26	11 ·03	17 ·41	10
4	Fri. 26	9 ·99	6 ·81	7	3	Tues. 26	10 ·84	11 ·36	8	2	Mon. 27	12 ·11	18 ·51	11
5	Sat. 27	10 ·91	7 ·76	8	4	Wed. 27	11 ·84	12 ·39	9	3	Tues. 28	13 ·19	19 ·62	12
6	Sun. 28	11 ·85	8 ·72	9	5	Thur 28	12 ·87	13 ·44	10	4	Wed. 29	14 ·27	20 ·71	13
7	Mon. 29	12 ·80	9 ·70	10	6	Fri. 29	13 ·92	14 ·51	11	5	Thur. 30	P ·33	21 ·80	14
					7	Sat. 30	14 ·99	15 ·60	12					

Virodhakṛit. **Makara—Tai.** *Bahula.* *Pausha.* *H. 526 Ṣafar.*
Virodhakṛit. **Kumbha—Māsi.** *Bahula.* *Māgha.* *H. 526 Rabī-ul awwal.*
Virodhakṛit. **Mīna—Pāṅguni.** *Bahula.* *Phālguna.* *H. 526 Rabī-ul ākhir.*
Paridhāvin. **Mēsha—Chittirai.** *Sukla.* *Chaitra.* *H. 526 Jamāda'l awwal.*
Paridhāvin. **Vṛishabha—Vaigāśi.** *Bahula.* *Vaiśākha.* *H. 526 Jamāda'l ākhir.*
Paridhāvin. **Mithuna—Āni.** *Sukla.* *Jyeshtha.* *H. 526 Rajab.*
Sukla. *Vaiśākha.* *H. 526 Shaʻbān.*
Sukla. *Āshādha.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1132. **Kollam 308,** { **N. Malabar—Aug.** **Hijra 527.** **Vikrama 1189.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 12.** **Bengal San. 538.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	1 ·37	22 ·86	15	6	Thur.	1	4 ·15	2 ·44	18	6	Tues.	1	7 ·68	9 ·69	20
7	Sat.	2	2 ·40	23 ·90	16	7	Fri.	2	5 ·06	3 ·39	19	7	Wed.	2	8 ·62	10 ·65	21
8	Sun.	3	3 ·40	24 ·92	17				6 ·96			8	Thur.	3	9 ·57	11 ·62	22
9	Mon.	4	4 ·38	25 ·92	18	8	Sat.	3	7 ·86	4 ·32	20	9	Fri.	4	10 ·55	12 ·62	23
10	Tues.	5	5 ·34	26 ·90	19	9	Sun.	4	8 ·76	5 ·25	21	10	Sat.	5	11 ·54	13 ·64	24
11	Wed.	6	6 ·29	27 ·88	20	10	Mon.	5	9 ·66	6 ·18	22	11	Sun.	6	12 ·55	14 ·67	25
12	Thur.	7	7 ·22	1 ·83	21	11	Tues.	6	10 ·57	7 ·11	23	12	Mon.	7	13 ·59	15 ·74	26
13	Fri.	8	8 ·18	2 ·77	22	12	Wed.	7	11 ·49	8 ·07	24	13	Tues.	8	14 ·65	16 ·81	27
14	Sat.	9	9 ·03	3 ·70	23	13	Thur.	8	12 ·43	9 ·02	25	14	Wed.	9	—A ·72	17 ·91	28
			10 ·93							10 ·99		15	Thur.	10	1 ·80	... ...	29
15	Sun.	10	11 ·83	4 ·63	24	14	Fri.	9	13 ·38	11 ·97	26	16	Fri.	11	2 ·89	18 ·01	—30
16	Mon.	11	12 ·73	5 ·57	25	15	Sat.	10	14 ·35	12 ·98	27	17	Sat.	12	3 ·97	19 ·12	1
17	Tues.	12	13 ·63	6 ·50	26	16	Sun.	11	—A ·34	... ...	28	18	Sun.	13	... ...	20 ·23	2
18	Wed.	13	14 ·54	7 ·44	27	17	Mon.	12	1 ·35	13 ·00	—29	19	Mon.	14	4 ·05	21 ·32	3
19	Thur.	14	—A ·46	8 ·39	28	18	Tues.	13	2 ·38	14 ·06	1	20	Tues.	15	5 ·12	22 ·41	4
20	Fri.	15	1 ·39	9 ·35	—29	19	Wed.	14	3 ·44	15 ·12	2	21	Wed.	16	6 ·16	23 ·48	5
21	Sat.	16	2 ·33	10 ·34	1	20	Thur.	15	4 ·50	16 ·21	3	22	Thur.	17	7 ·19	24 ·52	6
22	Sun.	17	3 ·30	11 ·33	2	21	Fri.	16	5 ·58	17 ·30	4	23	Fri.	18	8 ·20	25 ·54	7
23	Mon.	18	4 ·28	12 ·34	3	22	Sat.	17	6 ·67	18 ·41	5	24	Sat.	19	9 ·19	26 ·54	8
24	Tues.	19	5 ·30	13 ·38	4	23	Sun.	18	7 ·76	19 ·52	6	25	Sun.	20	10 ·15	27 ·54	9
25	Wed.	20	6 ·33	14 ·43	5	24	Mon.	19	8 ·83	20 ·63	7	26	Mon.	21	11 ·10	1 ·51	10
26	Thur.	21	7 ·38	15 ·51	6	25	Tues.	20	9 ·89	21 ·72	8	27	Tues.	22	12 ·03	2 ·46	11
27	Fri.	22	8 ·44	16 ·60	7	26	Wed.	21	10 ·94	22 ·79	9				13 ·95		
28	Sat.	23	9 ·51	17 ·70	8	27	Thur.	22	11 ·97	23 ·84	10	28	Wed.	23	14 ·86	3 ·40	12
29	Sun.	24	10 ·60	18 ·81	9	28	Fri.	23	12 ·98	24 ·89	11	—29	Thur.	24	P ·77	4 ·33	13
30	Mon.	25	11 ·69	19 ·92	10	29	Sat.	24	13 ·96	25 ·90	12	1	Fri.	25	1 ·68	5 ·26	14
—31	Tues.	26	12 ·77	... ...	11	30	Sun.	25	14 ·93	26 ·89	13	2	Sat.	26	2 ·58	6 ·20	15
1	Wed.	27	13 ·83	20 ·02	12	—31	Mon.	26	P ·88	27 ·87	14	3	Sun.	27	3 ·49	7 ·13	16
2	Thur.	28	14 ·87	21 ·11	13	1	Tues.	27	1 ·81	1 ·83	15	4	Mon.	28	4 ·40	8 ·07	17
3	Fri.	29	P ·89	22 ·17	14	2	Wed.	28	2 ·72	2 ·79	16	5	Tues.	29	5 ·32	9 ·02	18
4	Sat.	30	1 ·89	23 ·22	15	3	Thur.	29	3 ·63	3 ·73	17					10 ·98	
5	Sun.	31	2 ·87	24 ·24	16	4	Fri.	30	4 ·54	4 ·66	18	6	Wed.	30	6 ·26	11 ·96	19
	Aug.						**Oct.**						**Dec.**				
6	Mon.	1	3 ·83	25 ·25	17	5	Sat.	1	5 ·44	5 ·59	19	7	Thur.	1	7 ·21	12 ·95	20
7	Tues.	2	4 ·78	26 ·24	18	6	Sun.	2	6 ·34	6 ·52	20	8	Fri.	2	8 ·19	13 ·96	21
8	Wed.	3	5 ·71	27 ·21	19	7	Mon.	3	7 ·24	7 ·46	21	9	Sat.	3	9 ·18	14 ·99	22
9	Thur.	4	6 ·63	1 ·16	20	8	Tues.	4	8 ·16	8 ·40	22	10	Sun.	4	10 ·20	... ...	23
10	Fri.	5	7 ·53	2 ·11	21	9	Wed.	5	9 ·08	9 ·35	23	11	Mon.	5	11 ·23	15 ·04	24
11	Sat.	6	8 ·43	3 ·04	22	10	Thur.	6	10 ·01	10 ·32	24	12	Tues.	6	12 ·28	16 ·12	25
				4 ·98					11 ·96			13	Wed.	7	13 ·36	17 ·21	26
12	Sun.	7	9 ·33	5 ·91	23	11	Fri.	7	12 ·93	11 ·30	25	14	Thur.	8	14 ·44	18 ·31	27
13	Mon.	8	10 ·23	6 ·84	24	12	Sat.	8	13 ·92	12 ·30	26	15	Fri.	9	—A ·53	19 ·41	28
14	Tues.	9	11 ·13	7 ·78	25	13	Sun.	9	14 ·93	13 ·33	27	16	Sat.	10	1 ·62	20 ·52	29
15	Wed.	10	12 ·04	8 ·72	26	14	Mon.	10	—A ·97	14 ·37	28	17	Sun.	11	2 ·70	21 ·63	—30
			13 ·96			15	Tues.	11	... ...	15 ·43	29	18	Mon.	12	3 ·76	22 ·72	1
16	Thur.	11	14 ·89	9 ·68	27	16	Wed.	12	1 ·03	16 ·51	—30	19	Tues.	13	4 ·81	23 ·79	2
17	Fri.	12	—A ·84	10 ·66	28	17	Thur.	13	2 ·10	17 ·60	1	20	Wed.	14	5 ·84	24 ·83	3
18	Sat.	13	1 ·81	11 ·65	29	18	Fri.	14	3 ·18	18 ·72	2	21	Thur.	15	6 ·84	25 ·86	4
19	Sun.	14	2 ·79	12 ·66	—30	19	Sat.	15	4 ·26	19 ·82	3	22	Fri.	16	7 ·83	26 ·87	5
20	Mon.	15	3 ·81	13 ·69	1	20	Sun.	16	5 ·35	20 ·93	4	23	Sat.	17	8 ·80	27 ·87	6
21	Tues.	16	4 ·84	14 ·75	2	21	Mon.	17	6 ·43	... ..	5	24	Sun.	18	9 ·75	1 ·84	7
22	Wed.	17	5 ·89	15 ·82	3	22	Tues.	18	7 ·50	21 ·02	6	25	Mon.	19	10 ·68	2 ·79	8
23	Thur.	18	6 ·96	16 ·91	4	23	Wed.	19	8 ·54	22 ·10	7	26	Tues.	20	11 ·60	3 ·74	9
24	Fri.	19	... ...	... ...	5	24	Thur.	20	9 ·57	23 ·17	8	27	Wed.	21	12 ·51	4 ·68	10
25	Sat.	20	7 ·03	17 ·00	6	25	Fri.	21	10 ·57	24 ·20	9	28	Thur.	22	13 ·42	5 ·61	11
26	Sun.	21	8 ·12	18 ·11	7	26	Sat.	22	11 ·55	25 ·22	10	—29	Fri.	23	14 ·32	6 ·54	12
27	Mon.	22	9 ·20	19 ·22	8	27	Sun.	23	12 ·52	26 ·22	11	1	Sat.	24	P ·22	7 ·47	13
28	Tues.	23	10 ·28	20 ·33	9	28	Mon.	24	13 ·47	27 ·20	12	2	Sun.	25	1 ·13	8 ·41	14
29	Wed.	24	11 ·34	21 ·41	10	29	Tues.	25	14 ·40	1 ·17	13				2 ·05		
30	Thur.	25	12 ·39	22 ·48	11	—30	Wed.	26	P ·32	2 ·12	14	3	Mon.	26	3 ·97	9 ·35	15
—31	Fri.	26	13 ·41	23 ·53	12	1	Thur.	27	1 ·23	3 ·06	15	4	Tues.	27	4 ·90	10 ·32	16
1	Sat.	27	14 ·42	24 ·56	13	2	Fri.	28	2 ·14	4 ·00	16	5	Wed.	28	5 ·85	11 ·29	17
2	Sun.	28	P ·40	25 ·58	14					5 ·93		6	Thur.	29	6 ·83	12 ·27	18
3	Mon.	29	1 ·36	26 ·57	15	3	Sat.	29	3 ·04	6 ·86	17	7	Fri.	30	7 ·82	13 ·28	19
4	Tues.	30	2 ·31	27 ·54	16				4 ·94			8	Sat.	31	8 ·84	14 ·30	20
5	Wed.	31	3 ·24	1 ·50	17	4	Sun.	30	5 ·84	7 ·80	18						
						5	Mon.	31	6 ·76	8 ·74	19						

Paridhāvin. **Karkaṭaka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.**

Paridhāvin. **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.**

Paridhāvin. **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* **Kārtika.**

Paridhāvin. **Tulā—Aippaśi.** *Śukla.* **Kārtika.** *Bahula.* **Mārgaśirsha.**

Paridhāvin. **Vriśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.**

Paridhāvin. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Māgha.**

Paridhāvin. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.**

Paridhāvin. **Kumbha—Māsi.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.**

Paridhāvin. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.**

Paridhāvin. **Mesha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyesh.**

Paridhāvin. **Vṛishabha—Vaigāsi.** *Śukla.* **Jyesh.** *Bahula.* **Āshāḍha.**

Paridhāvin. **Mithuna—Āni.** *Śukla.* **Āshāḍha.** *Bahula.* **Śrāvaṇa.**

Paridhāvin. **Karkaṭaka—Āḍi.** *Śukla.* **Śrāvaṇa.**

H. 526 Śha'bān. *H. 526 Ramazān.* *H. 526 Shawwāl.* *H. 526 Zi-l-ka'da.* *H. 526 Zi-l-hijja.* *H. 527 Muharram.* *H. 527 Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1133. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·15.** **Śaka 1055.** **Kaliyuga 4234.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·10.** **(S. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
		9	9 ·88	15 ·36	21			8	8 ·31	19 ·32	21			8	10 ·76	25 ·45	23
		10	10 ·94	16 ·43	22			9	9 ·40	20 ·43	22			9	11 ·76	26 ·48	24
		11	... ...	17 ·51	23			10	10 ·49	21 ·53	23			10	12 ·74	27 ·49	25
		12	11 ·00	18 ·61	24			11	11 ·57	22 ·63	24			11	13 ·70	1 ·49	26
		13	12 ·08	19 ·71	25			12	12 ·63	23 ·71	25			12	14 ·65	2 ·46	27
		14	13 ·18	20 ·83	26			13	13 ·67	24 ·78	26			13	Sat. 6	—A ·58	3 ·42	28
		15	14 ·26	21 ·93	27			14	14 ·69	25 ·82	27			14	Sun. 7	1 ·49	4 ·37	—29
		16	Sun. 8	—A ·34	... ...	28		15	Wed. 8	—A ·70	26 ·84	28		15	Mon. 8	2 ·39	5 ·30	1
		17	Mon. 9	1 ·41	22 ·02	—29		16	Thur. 9	1 ·68	27 ·84	—29		16	Tues. 9	3 ·29	6 ·25	2
		18	Tues. 10	2 ·46	23 ·09	1		17	Fri. 10	2 ·65	1 ·83	1		17	Wed. 10	4 ·19	7 ·18	3
		19	Wed. 11	3 ·48	24 ·15	2		18	Sat. 11	3 ·59	2 ·80	2				5 ·09		
		20	Thur. 12	4 ·49	25 ·18	3		19	Sun. 12	4 ·52	3 ·75	3		18	Thur. 11	6 ·99	8 ·10	4
		21	Fri. 13	5 ·47	26 ·20	4		20	Mon. 13	5 ·44	4 ·70	4						
		22	Sat. 14	6 ·44	27 ·19	5		21	Tues. 14	6 ·35	5 ·63	5		19	Fri. 12	7 ·89	9 ·04	5
		23	Sun. 15	7 ·39	1 ·17	6		22	Wed. 15	7 ·25	6 ·56	6					10 ·98	
		24	Mon. 16	8 ·32	2 ·13	7		23	Thur. 16	8 ·15	7 ·50	7		20	Sat. 13	8 ·81	11 ·95	6
		25	Tues. 17	9 ·24	3 ·07	8				9 ·05				21	Sun. 14	9 ·74	12 ·91	7
					4 ·02			24	Fri. 17		8 ·43	8		22	Mon. 15	10 ·69	13 ·90	8
		26	Wed. 18	10 ·15	5 ·95	9				10 ·95				23	Tues. 16	11 ·67	14 ·90	9
								25	Sat. 18	11 ·86	9 ·37	9		24	Wed. 17	12 ·65	15 ·92	10
		27	Thur. 19	11 ·05	6 ·88	10		26	Sun. 19	12 ·78	10 ·31	10		25	Thur. 18	13 ·67	16 ·97	11
				12 ·95				27	Mon. 20	13 ·72	11 ·27	11		26	Fri. 19	14 ·70	... ...	12
		28	Fri. 20	13 ·85	7 ·81	11		28	Tues. 21	14 ·67	12 ·25	12		27	Sat. 20	P ·75	17 ·04	13
		29	Sat. 21	14 ·77	8 ·74	12		29	Wed. 22	P ·64	13 ·25	13		28	Sun. 21	1 ·82	18 ·12	14
		—30	Sun. 22	P ·68	9 ·70	13		—30	Thur. 23	1 ·63	14 ·26	14		29	Mon. 22	2 ·89	19 ·22	15
		1	Mon. 23	1 ·60	10 ·65	14		1	Fri. 24	2 ·63	15 ·29	15		30	Tues. 23	3 ·97	20 ·32	16
		2	Tues. 24	2 ·53	11 ·61	15		2	Sat. 25	3 ·67	16 ·35	16		—31	Wed. 24	... ...	21 ·44	17
		3	Wed. 25	3 ·49	12 ·60	16		3	Sun. 26	4 ·72	17 ·42	17		1	Thur. 25	4 ·05	22 ·54	18
		4	Thur. 26	4 ·47	13 ·60	17		4	Mon. 27	5 ·79	18 ·52	18		2	Fri. 26	5 ·13	23 ·63	19
		5	Fri. 27	5 ·45	14 ·62	18		5	Tues. 28	6 ·87	19 ·62	19		3	Sat. 27	6 ·18	24 ·71	20
		6	Sat. 28	6 ·47	15 ·66	19		6	Wed. 29	7 ·95	20 ·72	20		4	Sun. 28	7 ·23	25 ·76	21
		7	Sun. 29	7 ·50	16 ·73	20		7	Thur. 30	... ...	21 ·83	21		5	Mon. 29	8 ·25	26 ·81	22
		8	Mon. 30	8 ·56	17 ·81	21		8	Fri. 31	8 ·04	22 ·93	22		6	Tues. 30	9 ·24	27 ·82	23
		9	Tues. 31	9 ·63	18 ·91	22								7	Wed. 31	10 ·23	1 ·82	24
			Feb.						**April.**						**June.**			
		10	Wed. 1	10 ·71	... ...	23		9	Sat. 1	9 ·11	... ...	23		8	Thur. 1	11 ·19	2 ·79	25
		11	Thur. 2	11 ·80	19 ·01	24		10	Sun. 2	10 ·17	23 ·02	24		9	Fri. 2	12 ·14	3 ·75	26
		12	Fri. 3	12 ·89	20 ·12	25		11	Mon. 3	11 ·22	24 ·09	25				13 ·06		
		13	Sat. 4	13 ·96	21 ·23	26		12	Tues. 4	12 ·25	25 ·14	26		10	Sat. 3	14 ·97	4 ·70	27
		14	Sun. 5	... ...	22 ·32	27		13	Wed. 5	13 ·25	26 ·16	27		11	Sun. 4	—A ·88	5 ·65	28
		15	Mon. 6	14 ·03	23 ·40	28		14	Th. 6	14 ·23	27 ·17	28		12	Mon. 5	1 ·78	6 ·58	29
		16	Tues. 7	—A ·08	24 ·46	29		15	Fri. 7	—A ·19	1 ·16	29		13	Tues. 6	2 ·67	7 ·51	—30
		17	Wed. 8	1 ·10	25 ·51	—30		16	Sat. 8	1 ·13	2 ·13	—30		14	Wed. 7	3 ·57	8 ·44	1
		18	Thur. 9	2 ·11	26 ·52	1				2 ·06				15	Thur. 8	4 ·47	9 ·38	2
		19	Fri. 10	3 ·09	27 ·52	2		17	Sun. 9	3 ·98	3 ·09	1		16	Fri. 9	5 ·38	10 ·33	3
		20	Sat. 11	4 ·06	1 ·50	3					4 ·03			17	Sat. 10	6 ·30	11 ·28	4
				5 ·01				18	Mon. 10	4 ·89	5 ·97	2		18	Sun. 11	7 ·23	12 ·24	5
		21	Sun. 12	6 ·94	2 ·46	4		19	Tues. 11	5 ·79	6 ·90	3		19	Mon. 12	8 ·18	13 ·22	6
		22	Mon. 13	7 ·86	3 ·42	5		20	Wed. 12	6 ·69	7 ·84	4		20	Tues. 13	9 ·15	14 ·22	7
		23	Tues. 14	8 ·76	4 ·36	6		21	Thur. 13	7 ·59	8 ·77	5		21	Wed. 14	10 ·13	15 ·24	8
		24	Wed. 15	9 ·66	5 ·29	7		22	Fri. 14	8 ·49	9 ·70	6		22	Thur. 15	11 ·14	16 ·28	9
		25	Thur. 16	10 ·56	6 ·22	8		23	Sat. 15	9 ·39	10 ·65	7		23	Fri. 16	12 ·17	17 ·34	10
		26	Fri. 17	11 ·47	7 ·15	9		24	Sun. 16	10 ·31	11 ·60	8		24	Sat. 17	13 ·23	18 ·42	11
		27	Sat. 18	12 ·38	8 ·09	10		25	Mon. 17	11 ·25	12 ·58	9		25	Sun. 18	14 ·29	19 ·52	12
					9 ·03			26	Tues. 18	12 ·20	13 ·57	10		26	Mon. 19	P ·37	20 ·62	13
		28	Sun. 19	13 ·29	10 ·98	11		27	Wed. 19	13 ·17	14 ·58	11		27	Tues. 20	1 ·45	21 ·73	14
		29	Mon. 20	14 ·21	11 ·94	12		28	Thur. 20	14 ·15	15 ·61	12		28	Wed. 21	2 ·53	22 ·84	15
		—30	Tues ○21	P ·15	12 ·92	13		29	Fri. 21	P ·16	16 ·66	13		29	Thur. 22	3 ·61	23 ·93	16
		1	Wed. 22	1 ·10	13 ·92	14		30	Sat. 22	1 ·20	17 ·73	14		30	Fri. 23	4 ·66	... ...	17
		2	Thur. 23	2 ·07	14 ·94	15		—31	Sun. 23	2 ·25	18 ·81	15		31	Sat. 24	5 ·70	24 ·01	18
		3	Fri. 24	3 ·06	15 ·98	16		1	Mon. 24	3 ·31	19 ·92	16		—32	Sun. 25	6 ·72	25 ·07	19
		4	Sat 25	4 ·07	... ...	17		2	Tues. 25	4 ·39	... ...	17		1	Mon. 26	7 ·73	26 ·12	20
		5	Sun. 26	5 ·11	16 ·04	18		3	Wed. 26	5 ·48	20 ·01	18		2	Tues. 27	8 ·71	27 ·14	21
		6	Mon. 27	6 ·16	17 ·12	19		4	Thur. 27	6 ·56	21 ·13	19		3	Wed. 28	9 ·67	1 ·14	22
		7	Tues. 28	7 ·23	18 ·21	20		5	Fri. 28	7 ·64	22 ·24	20		4	Thur. 29	10 ·61	2 ·12	23
								6	Sat. 29	8 ·69	23 ·33	21		5	Fri. 30	11 ·53	3 ·09	24
								7	Sun. 30	9 ·73	24 ·40	22						

Paridhāvin. *Pramādin.* *Paridhāvin.* *Pramādin.*
Makara—Tai. **Kumbha—Māgh.** **Mīna—Phālguna.** **Mēsha—Chittirai.** **Vṛishabha—Vaigāsi.** **Mithuna—Āni.**

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

H. 527 Śafar. *H. 527 Rabi-ul awwal.* *H. 527 Rabi-ul ākhir.* *H. 527 Jamāda'l awwal.* *H. 527 Jamāda'l ākhir.* *H. 527 Rajab.* *H. 527 Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1133. **Kollam 309,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 528.** Commences **Nov. 1.** **Vikrama 1190.** **Bengal San. 539.** **(N. Cycle) Anala.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	12 ·44	4 ·05	25	5	Fri. 1	1 ·73	12 ·23	28	6	Wed. 1	3 ·94	... ...	1
7	Sun. 2	13 ·35	5 ·00 / 6 ·92	26	6	Sat. 2	2 ·68	13 ·21	—29	7	Thur. 2	... ...	10 ·08	2
8	Mon. 3	14 ·25	7 ·85	27	7	Sun. 3	3 ·66	14 ·19	1	8	Fri. 3	4 ·01	20 ·12	3
9	Tues. 4	—A ·15	8 ·78	28	8	Mon. 4	4 ·64	15 ·20	2	9	Sat. 4	5 ·09	21 ·28	4
10	Wed. 5	1 ·05 / 2 ·95	9 ·72	—29	9	Tues. 5	5 ·65	16 ·22	3	10	Sun. 5	6 ·18	22 ·34	5
11	Thur. 6	3 ·85	10 ·66	1	10	Wed. 6	6 ·69	17 ·28	4	11	Mon. 6	7 ·27	23 ·45	6
12	Fri. 7	4 ·77	11 ·61	2	11	Thur. 7	7 ·74	18 ·34	5	12	Tues. 7	8 ·35	24 ·54	7
13	Sat. 8	5 ·70	12 ·57	3	12	Fri. 8	8 ·81	19 ·43	6	13	Wed. 8	9 ·41	25 ·62	8
14	Sun. 9	6 ·66	13 ·55	4	13	Sat. 9	9 ·89	20 ·52	7	14	Thur. 9	10 ·46	26 ·70	9
15	Mon. 10	7 ·63	14 ·54	5	14	Sun. 10	10 ·99	21 ·63	8	15	Fri. 10	11 ·48	27 ·74	10
16	Tues. 11	8 ·61	15 ·56	6	15	Mon. 11	... ...	22 ·74	9	16	Sat. 11	12 ·49	1 ·76	11
17	Wed. 12	9 ·62	16 ·60	7	16	Tues. 12	11 ·07	23 ·85	10	17	Sun. 12	13 ·47	2 ·76	12
18	Thur. 13	10 ·65	17 ·65	8	17	Wed. 13	12 ·14	24 ·94	11	18	Mon. 13	14 ·43	3 ·75	13
19	Fri. 14	11 ·70	18 ·72	9	18	Thur. 14	13 ·20	... ...	12	19	Tues. 14	P ·38	4 ·72	14
20	Sat. 15	12 ·77	19 ·81	10	19	Fri. 15	14 ·24	25 ·01	13	20	Wed. 15	1 ·31	5 ·68	15
21	Sun. 16	13 ·85	20 ·92	11	20	Sat. 16	P ·27	26 ·06	14	21	Thur. 16	2 ·23	6 ·62	16
22	Mon. 17	14 ·93	.. ...	12	21	Sun. 17	1 ·27	27 ·10	15	22	Fri. 17	3 ·14	7 ·55	17
23	Tues. 18	... ...	21 ·03	13	22	Mon. 18	2 ·26	1 ·12	16	23	Sat. 18	4 ·05 / 5 ·95	8 ·48	18
24	Wed. 19	P ·02	22 ·14	14	23	Tues. 19	3 ·22	2 ·11	17					
25	Thur. 20	1 ·09	23 ·23	15	24	Wed. 20	4 ·16	3 ·09	18	24	Sun. 19	6 ·85	9 ·41	19
26	Fri. 21	2 ·15	24 ·32	16	25	Thur. 21	5 ·09	4 ·05	19	25	Mon. 20	7 ·76	10 ·35	20
27	Sat. 22	3 ·19	25 ·39	17	26	Fri 22	6 ·01 / 7 ·92	5 ·00 / 6 ·94	20	26	Tues. 21	8 ·67	11 ·29	21
28	Sun. 23	4 ·21	26 ·44	18	27	Sat. 23	8 ·82	7 ·88	21	27	Wed. 22	9 ·60	12 ·24	22
29	Mon. 24	5 ·21	27 ·46	19	28	Sun. 24	9 ·72	8 ·81	22	28	Thur. 23	10 ·53	13 ·20	23
30	Tues. 25	6 ·19	1 ·47	20	29	Mon. 25	10 ·62	9 ·74	23	—29	Fri. 24	11 ·49	14 ·17	24
31	Wed. 26	7 ·16	2 ·45	21	—30	Tues. 26	11 ·53	10 ·67	24	1	Sat. 25	12 ·47	15 ·17	25
—32	Thur. 27	8 ·10	3 ·43	22	1	Wed. 27	12 ·44	11 ·61	25	2	Sun. 26	13 ·46	16 ·18	26
1	Fri. 28	9 ·03 / 10 ·94	4 ·38	23	2	Thur. 28	13 ·36	12 ·57	26	3	Mon. 27	14 ·47	17 ·21	27
2	Sat. 29	11 ·84	5 ·33	24	3	Fri. 29	14 ·30	13 ·54	27	4	Tues. 28	—A ·51	18 ·26	28
3	Sun. 30	12 ·74	6 ·26	25	4	Sat. 30	—A ·25	14 ·52	28	5	Wed. 29	1 ·57	19 ·33	29
4	Mon. 31	13 ·64	7 ·19	26						6	Thur. 30	2 ·64	20 ·42	—30
	Aug.					**Oct.**					**Dec.**			
5	Tues. 1	14 ·54	8 ·13	27	5	Sun. 1	1 ·23	15 ·52	29	7	Fri. 1	3 ·73	21 ·53	1
6	Wed. 2	—A ·44	9 ·06	28	6	Mon. 2	2 ·21	16 ·54	—30	8	Sat. 2	4 ·82	22 ·64	2
7	Thur. 3	1 ·35	10 ·00 / 11 ·94	29	7	Tues. 3	3 ·23	17 ·59	1	9	Sun. 3	5 ·91	23 ·74	3
8	Fri. 4	2 ·27	12 ·89	—30	8	Wed. 4	4 ·26	18 ·65	2	10	Mon. 4	6 ·98	24 ·84	4
9	Sat. 5	3 ·21	13 ·87	1	9	Thur. 5	5 ·32	19 ·73	3	11	Tues. 5	... ...	25 ·93	5
10	Sun. 6	4 ·16	14 ·87	2	10	Fri. 6	6 ·40	20 ·82	4	12	Wed. 6	7 ·05	... ...	6
11	Mon. 7	5 ·12	15 ·88	3	11	Sat. 7	7 ·48	21 ·93	5	13	Thur. 7	8 ·10	26 ·01	7
12	Tues. 8	6 ·11	16 ·91	4	12	Sun. 8	8 ·57	... ...	6	14	Fri. 8	9 ·12	27 ·05	8
13	Wed. 9	7 ·12	17 ·96	5	13	Mon. 9	9 ·65	22 ·04	7	15	Sat. 9	10 ·13	1 ·08	9
14	Thur. 10	8 ·16	... ...	6	14	Tues. 10	10 ·73	23 ·15	8	16	Sun. 10	11 ·11	2 ·09	10
15	Fri. 11	9 ·21	18 ·03	7	15	Wed. 11	11 ·79	24 ·24	9	17	Mon. 11	12 ·08	3 ·08	11
16	Sat. 12	10 ·28	19 ·13	8	16	Thur. 12	12 ·84	25 ·32	10	18	Tues. 12	13 ·03 / 14 ·96	4 ·06	12
17	Sun. 13	11 ·35	20 ·22	9	17	Fri. 13	13 ·86	26 ·38	11					
18	Mon. 14	12 ·44	21 ·33	10	18	Sat. 14	14 ·86	27 ·41	12	19	Wed. 13	P ·87	5 ·01 / 6 ·96	13
19	Tues. 15	13 ·53	22 ·44	11	19	Sun. 15	P ·85	1 ·44	13					
20	Wed. 16	14 ·60	23 ·54	12	20	Mon. 16	1 ·81	2 ·45	14	20	Thur. 14	1 ·78	7 ·89	14
21	Thur. ○ 17	P ·66	24 ·63	13	21	Tues. 17	2 ·75	3 ·42	15	21	Fri. 15	2 ·69	8 ·82	15
22	Fri. 18	1 ·70	25 ·70	14	22	Wed. 18	3 ·68	4 ·38	16	22	Sat. 16	3 ·59	9 ·76	16
23	Sat. 19	2 ·73	26 ·75	15	23	Thur. 19	4 ·61	5 ·33	17	23	Sun. 17	4 ·49	10 ·69	17
24	Sun. 20	3 ·73	27 ·78	16	24	Fri. 20	5 ·52	6 ·28	18	24	Mon. 18	5 ·40	11 ·63	18
25	Mon. 21	4 ·70	1 ·79	17	25	Sat. 21	6 ·42	7 ·22	19	25	Tues. 19	6 ·32	12 ·57	19
26	Tues. 22	5 ·67	2 ·79	18	26	Sun. 22	7 ·32	8 ·15	20	26	Wed. 20	7 ·24	13 ·53	20
27	Wed. 23	6 ·61	3 ·76	19	27	Mon. 23	8 ·22	9 ·07	21	27	Thur. 21	8 ·18	14 ·51	21
28	Thur. 24	7 ·54	4 ·72	20	28	Tues. 24	9 ·13	10 ·01 / 11 ·96	22	28	Fri. 22	9 ·14	15 ·48	22
29	Fri. 25	8 ·46	5 ·66	21	29	Wed. 25	10 ·04 / 11 ·97	12 ·90	23	29	Sat. 23	10 ·11	16 ·50	23
30	Sat. 26	9 ·37	6 ·60	22						—30	Sun. 24	11 ·12	17 ·52	24
—31	Sun. 27	10 ·27	7 ·53	23	—30	Thur. 26	12 ·90	13 ·87	24	1	Mon. 25	12 ·13	18 ·57	25
1	Mon. 28	11 ·17	8 ·47	24	1	Fri. 27	13 ·85	14 ·84	25	2	Tues. 26	13 ·17	19 ·64	26
2	Tues. 29	12 ·07 / 13 ·97	9 ·40	25	2	Sat. 28	14 ·83	15 ·84	26	3	Wed. 27	14 ·22	20 ·73	27
3	Wed. 30	14 ·88	10 ·33	26	3	Sun. 29	—A ·82	16 ·86	27	4	Thur. 28	—A ·29	21 ·83	28
4	Thur. 31	—A ·80	11 ·28	27	4	Mon. 30	1 ·84	17 ·90	28	5	Fri. 29	1 ·38	22 ·94	—29
					5	Tues. 31	2 ·88	18 ·96	—29	6	Sat. 30	2 ·47	... ...	1
										7	Sun. 31	3 ·56	23 ·04	2

Pramādin. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Pramādin.* **Simha—Āvani.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Pramādin.* **Tulā—Aippasi.** *Sukla.* **Mārgasīrsha.** *Bahula.* **Pausha.** *Pramādin.* **Kanyā—Puratṭāsi.** *Bahula.* **Kārttigai.** *Pramādin.* **Vrischika—Kārttigai.** *Pramādin.* **Dhanus—Mārgali.**

H. 527 Ramazān. H. 527 Shawwāl. H. 527 Zi-l-ka'da. H. 527 Zi-l-hijja. H. 528 Muharram. H. 528 Safar.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1134. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·41.** **Śaka 1056.** **Kaliyuga 4235.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·36.** **(S. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Mon.	1	4 ·63	24 ·14	3	8	Thur.	1	3 ·00 / 4 ·99	1 ·04	3	8	Tues.	1	6 ·70	8 ·52	5
9	Tues.	2	5 ·70	25 ·24	4							9	Wed.	2	7 ·60	9 ·46	6
10	Wed.	3	6 ·75	26 ·31	5	9	Fri.	2	5 ·98	2 ·06	4	10	Thur.	3	8 ·50	10 ·39	7
11	Thur.	4	7 ·77	27 ·37	6	10	Sat.	3	6 ·94	3 ·06	5	11	Fri.	4	9 ·40	11 ·32	8
12	Fri.	5	8 ·77	1 ·40	7	11	Sun.	4	7 ·89	4 ·05	6	12	Sat.	5	10 ·30	12 ·26	9
13	Sat.	6	9 ·75	2 ·41	8					5 ·01 / 6 ·96		13	Sun.	6	11 ·22	13 ·20	10
14	Sun.	7	10 ·72	3 ·41	9	12	Mon.	5	8 ·82		7	14	Mon.	7	12 ·14	14 ·15	11
15	Mon.	8	11 ·67	4 ·39	10	13	Tues.	6	9 ·74	7 ·91	8	15	Tues.	8	13 ·07	15 ·13	12
16	Tues.	9	12 ·60	5 ·35	11	14	Wed.	7	10 ·64	8 ·85	9	16	Wed.	9	14 ·02 / P ·99	16 ·12	13
17	Wed.	10	13 ·52	6 ·29	12	15	Thur.	8	11 ·54	9 ·78	10						
18	Thur.	11	14 ·43	7 ·23	13	16	Fri.	9	12 ·44	10 ·71	11	17	Thur.	10	1 ·99	17 ·12	14
19	Fri.	12	P ·33	8 ·16	14	17	Sat.	10	13 ·34	11 ·64	12	18	Fri.	11	... ...	18 ·14	15
20	Sat.	13	1 ·23	9 ·10	15	18	Sun.	11	14 ·25	12 ·59	13	19	Sat.	12	2 ·00	19 ·18	16
21	Sun.	14	2 ·13	10 ·03 / 11 ·96	16	19	Mon.	12	P ·16	13 ·53	14	20	Sun.	13	3 ·03	20 ·25	17
						20	Tues.	13	1 ·09	14 ·49	15	21	Mon.	14	4 ·08	21 ·34	18
22	Mon.	15	3 ·04 / 4 ·96	12 ·92	17	21	Wed.	14	2 ·02 / 3 ·97	15 ·47	16	22	Tues.	15	5 ·14	22 ·44	19
23	Tues.	16	5 ·89	13 ·86	18	22	Thur.	15	4 ·95	16 ·46	17	23	Wed.	16	6 ·22	23 ·54	20
24	Wed.	17	6 ·83	14 ·83	19	23	Fri.	16	5 ·94	17 ·48	18	24	Thur.	17	7 ·31	24 ·65	21
25	Thur.	18	7 ·78	15 ·82	20	24	Sat.	17	6 ·96	18 ·51	19	25	Fri.	18	8 ·39	25 ·75	22
26	Fri.	19	8 ·75	16 ·82	21	25	Sun.	18	7 ·99	19 ·57	20	26	Sat.	19	9 ·46	26 ·84	23
27	Sat.	20	9 ·75	17 ·84	22	26	Mon.	19	... ...	20 ·64	21	27	Sun.	20	10 ·52	27 ·93	24
28	Sun.	21	10 ·77	18 ·88	23	27	Tues.	20	8 ·04	21 ·73	22	28	Mon.	21	11 ·56	1 ·98	25
29	Mon.	22	11 ·81	19 ·95	24	28	Wed.	21	9 ·11	22 ·84	23	29	Tues.	22	12 ·58	... ...	26
1	Tues.	23	12 ·86	... ...	25	29	Thur.	22	10 ·19	23 ·95	24	30	Wed.	23	13 ·57	2 ·02	27
2	Wed.	24	13 ·93	20 ·03	26	30	Fri.	23	11 ·28	... ...	25	31	Thur.	24	14 ·55	3 ·03	28
3	Thur.	25	... ...	21 ·13	27	1	Sat.	24	12 ·36	24 ·05	26	32	Fri.	25	—A ·51	4 ·03	29
4	Fri.	26	14 ·01	22 ·23	28	2	Sun.	25	13 ·43	25 ·15	27					5 ·01 / 6 ·97	—30
5	Sat. ●	27	—A ·10	23 ·34	29	3	Mon.	26	14 ·49	26 ·23	28	1	Sat.	26	1 ·45		
6	Sun.	28	1 ·19	24 ·45	—30	4	Tues.	27	—A ·54	27 ·30	29	2	Sun.	27	2 ·38	7 ·92	1
7	Mon.	29	2 ·26	25 ·54	1	5	Wed.	28	1 ·56	1 ·36	—30	3	Mon.	28	3 ·29	8 ·86	2
8	Tues.	30	3 ·32	26 ·62	2	6	Thur.	29	2 ·56	2 ·38	1	4	Tues.	29	4 ·19	9 ·80	3
9	Wed.	31	4 ·37	27 ·68	3	7	Fri.	30	3 ·54	3 ·39	2	5	Wed.	30	5 ·09 / 6 ·99	10 ·73	4
						8	Sat.	31	4 ·50	4 ·37	3	6	Thur.	31	7 ·89	11 ·66	5
	Feb.						**April.**						**June.**				
10	Thur.	1	5 ·41	1 ·72	4	9	Sun.	1	5 ·44	5 ·34	4	7	Fri.	1	8 ·79	12 ·60	6
11	Fri.	2	6 ·40	2 ·74	5	10	Mon.	2	6 ·37	6 ·31	5	8	Sat.	2	9 ·70	13 ·54	7
12	Sat.	3	7 ·39	3 ·74	6	11	Tues.	3	7 ·29	7 ·25	6	9	Sun.	3	10 ·62	14 ·50	8
13	Sun.	4	8 ·35	4 ·72	7	12	Wed.	4	8 ·19	8 ·19	7	10	Mon.	4	11 ·55	15 ·46	9
14	Mon.	5	9 ·29	5 ·68	8				9 ·09 / 10 ·99			11	Tues.	5	12 ·50	16 ·44	10
15	Tues.	6	10 ·22	6 ·63	9	13	Thur.	5		9 ·12	8	12	Wed.	6	13 ·47	17 ·44	11
16	Wed.	7	11 ·14	7 ·57	10					10 ·05 / 11 ·99		13	Thur.	7	14 ·47	18 ·46	12
17	Thur.	8	12 ·05 / 13 ·95	8 ·51	11	14	Fri.	6	11 ·89		9	14	Fri.	8	P ·48	19 ·49	13
18	Fri.	9	14 ·85	9 ·44	12	15	Sat.	7	12 ·79	12 ·92	10	15	Sat.	9	1 ·51	20 ·56	14
19	Sat.	10	P ·75	10 ·37	13	16	Sun.	8	13 ·70	13 ·87	11	16	Sun.	10	2 ·56	21 ·64	15
20	Sun.	11	1 ·66	11 ·30	14	17	Mon.	9	14 ·62	14 ·82	12	17	Mon.	11	3 ·62	22 ·74	16
21	Mon.	12	2 ·58	12 ·24	15	18	Tues.	10	P ·56	15 ·79	13	18	Tues.	12	4 ·70	23 ·84	17
22	Tues.	13	3 ·50	13 ·20	16	19	Wed.	11	1 ·52	16 ·79	14	19	Wed.	13	5 ·79	24 ·95	18
23	Wed.	14	4 ·44	14 ·16	17	20	Thur.	12	2 ·49	17 ·80	15	20	Thur.	14	6 ·87	... ...	19
24	Thur.	15	5 ·39	15 ·14	18	21	Fri.	13	3 ·47	18 ·83	16	21	Fri.	15	7 ·94	25 ·06	20
25	Fri.	16	6 ·37	16 ·14	19	22	Sat.	14	4 ·49	19 ·88	17	22	Sat.	16	... ...	26 ·15	21
26	Sat.	17	7 ·36	17 ·15	20	23	Sun.	15	5 ·52	20 ·94	18	23	Sun.	17	8 ·00	27 ·23	22
27	Sun.	18	8 ·38	18 ·20	21	24	Mon.	16	6 ·57	... ...	19	24	Mon.	18	9 ·04	1 ·29	23
28	Mon.	19	9 ·42	19 ·26	22	25	Tues.	17	7 ·64	21 ·04	20	25	Tues.	19	10 ·06	2 ·33	24
29	Tues.	20	10 ·47	20 ·34	23	26	Wed.	18	8 ·72	22 ·14	21	26	Wed.	20	11 ·05	3 ·35	25
—30	Wed.	21	11 ·54	21 ·43	24	27	Thur.	19	9 ·80	23 ·24	22	27	Thur.	21	12 ·03 / 13 ·98	4 ·36	26
1	Thur.	22	12 ·62	22 ·53	25	28	Fri.	20	10 ·89	24 ·35	23						
2	Fri.	23	13 ·71	23 ·65	26	29	Sat.	21	11 ·96	25 ·45	24	28	Fri.	22	14 ·93	5 ·34	27
3	Sat.	24	14 ·79	24 ·75	27	30	Sun.	22	... ...	26 ·54	25	29	Sat.	23	—A ·86	6 ·31	28
4	Sun.	25	—A ·87	25 ·85	28	—31	Mon.	23	12 ·02	27 ·62	26	30	Sun.	24	1 ·77	7 ·26	—29
5	Mon.	26	1 ·93	26 ·93	—29	1	Tues.	24	13 ·06	1 ·67	27	—31	Mon.	25	2 ·67	8 ·21	1
6	Tues.	27	2 ·97	27 ·99	1	2	Wed.	25	14 ·08	2 ·70	28	1	Tues.	26	3 ·57	9 ·14	2
7	Wed.	28	... ...	... ...	2	3	Thur.	26	—A ·08	3 ·71	—29	2	Wed.	27	4 ·47	10 ·07	3
						4	Fri.	27	1 ·06	4 ·70	1	3	Thur.	28	5 ·36	11 ·00 / 12 ·93	4
						5	Sat.	28	2 ·02 / 3 ·96	5 ·68	2	4	Fri	29	6 ·26	13 ·87	5
						6	Sun.	29	4 ·88	6 ·64	3	5	Sat	30	7 ·17	14 ·83	6
						7	Mon.	30	5 ·80	7 ·59	4						

Pramādin. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 528 *Rabī-ul awwal.*

Pramādin. **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 528 *Rabī-ul ākhir.*

Ānanda. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 528 *Jamāda'l awwal.*

Ānanda. **Vrishabha—Vaigāśi.** *Sukla.* **Adhika Jyeshtha.** *Bahula.* *H.* 528 *Jamāda'l ākhir.*

Ānanda. **Mithuna—Āni.** *Sukla.* **Nija Jyeshtha.** *Bahula.* *H.* 528 *Rajab.*

Ānanda. **Karkata—Āḍi.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H.* 528 *Shaʻbān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1134. **Kollam 310,** { **N. Malabar—Aug.** **Hijra 529.** **Vikrama 1191.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 22.** **Bengal San. 540.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	8 ·09	15 ·79	7	5	Sat. 1	11 ·07	22 ·65	10	6	Thur. 1	13 ·70	1 ·84	11
7	Mon. 2	{ 9 ·03 / 10 ·99	16 ·77	8	6	Sun. 2	12 ·13	23 ·74	11	7	Fri. 2	14 ·75	2 ·91	12
8	Tues. 3	11 ·96	17 ·76	9	7	Mon. 3	13 ·21	24 ·85	12	8	Sat. 3	**P** ·78	3 ·95	13
9	Wed. 4	12 ·94	18 ·77	10	8	Tues. 4	14 ·30	25 ·96	13	9	Sun. 4	1 ·77	4 ·98	14
10	Thur. 5	13 ·95	19 ·82	11	9	Wed. 5	**P** ·38	... ...	14	10	Mon. 5	2 ·75	5 ·98	15
11	Fri. 6	14 ·99	20 ·87	12	10	Thur. 6	1 ·46	26 ·06	15	11	Tues. 6	3 ·72	6 ·97	16
12	Sat. 7	**Āshādha.**	21 ·95	18	11	Fri. 7	2 ·52	27 ·15	16	12	Wed. 7	4 ·66	7 ·93	17
13	Sun. 8	**P** ·04	... ...	14	12	Sat. 8	3 ·56	1 ·28	17	13	Thur. 8	5 ·59	8 ·89	18
14	Mon. 9	1 ·11	22 ·04	15	13	Sun. 9	4 ·58	2 ·28	18	14	Fri. 9	6 ·51	9 ·84	19
15	Tues. 10	2 ·19	23 ·14	16	14	Mon. 10	5 ·58	3 ·32	19	15	Sat. 10	7 ·42	10 ·77	20
16	Wed. 11	3 ·27	24 ·25	17	15	Tues. 11	6 ·56	4 ·33	20	16	Sun. 11	8 ·32	11 ·70	21
17	Thur. 12	4 ·35	25 ·36	18	16	Wed. 12	7 ·52	5 ·32	21	17	Mon. 12	9 ·22	12 ·63	22
18	Fri. 13	5 ·42	26 ·46	19	17	Thur. 13	8 ·46	6 ·31	22	18	Tues. 13	10 ·12	13 ·56	23
19	Sat. 14	6 ·48	27 ·54	20	18	Fri. 14	9 ·39	7 ·27	23	19	Wed. 14	{ 11 ·03 / 12 ·95	14 ·51	24
20	Sun. 15	7 ·52	1 ·60	21	19	Sat. 15	10 ·31	8 ·22	24	20	Thur. 15	13 ·88	15 ·46	25
21	Mon. 16	8 ·54	2 ·66	22	20	Sun. 16	11 ·21	9 ·16	25	21	Fri. 16	14 ·82	16 ·42	26
22	Tues. 17	9 ·53	3 ·68	23	21	Mon. 17	12 ·11	10 ·09	26	22	Sat. 17	**A** ·78	17 ·39	27
23	Wed. 18	10 ·51	4 ·69	24	22	Tues. 18	{ 13 ·01 / 14 ·91	11 ·03 / 12 ·96	27	23	Sun. 18	1 ·76	18 ·38	28
24	Thur. 19	11 ·47	5 ·67	25	23	Wed. 19	**A** ·82	13 ·89	28	24	Mon. 19	2 ·75	19 ·39	29
25	Fri. 20	12 ·41	6 ·64	26	24	Thur. 20	1 ·73	14 ·83	29	25	Tues. 20	3 ·77	20 ·43	30
26	Sat. 21	13 ·34	7 ·60	27	25	Fri. 21	2 ·65	15 ·78	30	26	Wed. 21	4 ·81	21 ·48	1
27	Sun. 22	14 ·25	8 ·53	28	26	Sat. 22	3 ·60	16 ·76	1	27	Thur. 22	5 ·86	22 ·55	2
28	Mon. ● 23	**A** ·15	9 ·48	29	27	Sun. 23	4 ·56	17 ·74	2	28	Fri. 23	6 ·94	23 ·64	3
29	Tues. 24	{ 1 ·05 / 2 ·95	10 ·41	30	28	Mon. 24	5 ·53	18 ·74	3	29	Sat. 24	... ...	24 ·74	4
30	Wed. 25	3 ·85	11 ·34	1	29	Tues. 25	6 ·53	19 ·76	4	30	Sun. 25	7 ·03	25 ·86	5
31	Thur. 26	4 ·75	12 ·27	2	30	Wed. 26	7 ·54	20 ·80	5	1	Mon. 26	8 ·12	26 ·96	6
32	Fri. 27	5 ·66	13 ·22	3	1	Thur. 27	8 ·57	21 ·87	6	2	Tues. 27	9 ·20	... ...	7
1	Sat. 28	6 ·58	14 ·16	4	2	Fri. 28	9 ·63	22 ·95	7	3	Wed. 28	10 ·28	27 ·06	8
2	Sun. 29	7 ·52	15 ·12	5	3	Sat. 29	10 ·70	... ...	8	4	Thur. 29	11 ·34	1 ·15	9
3	Mon. 30	8 ·47	16 ·09	6	4	Sun. 30	11 ·78	23 ·04	9	5	Fri. 30	12 ·39	2 ·22	10
4	Tues. 31	9 ·45	17 ·08	7										
	Aug.					**Oct.**					**Dec.**			
5	Wed. 1	10 ·44	18 ·10	8	5	Mon. 1	12 ·87	24 ·15	10	6	Sat. 1	13 ·42	3 ·27	11
6	Thur. 2	11 ·45	19 ·13	9	6	Tues. 2	13 ·96	25 ·25	11	7	Sun. 2	14 ·41	4 ·30	12
7	Fri. 3	12 ·48	20 ·18	10	7	Wed. 3	... ...	26 ·36	12	8	Mon. 3	**P** ·39	5 ·31	13
8	Sat. 4	**Śrāvana.** 13 ·54	21 ·25	11	8	Thur. 4	14 ·03	27 ·46	13	9	Tues. 4	1 ·35	6 ·30	14
9	Sun. 5	14 ·61	22 ·34	12	9	Fri. 5	**P** ·09	1 ·54	14	10	Wed. 5	2 ·30	7 ·27	15
10	Mon. 6	**P** ·68	23 ·45	13	10	Sat. 6	1 ·14	2 ·61	15	11	Thur. 6	3 ·23	8 ·23	16
11	Tues. 7	1 ·76	24 ·55	14	11	Sun. 7	2 ·16	3 ·63	16	12	Fri. 7	4 ·15	9 ·18	17
12	Wed. 8	2 ·85	25 ·66	15	12	Mon. 8	3 ·16	4 ·65	17	13	Sat. 8	{ 5 ·06 / 6 ·97	10 ·11	18
13	Thur. 9	3 ·93	26 ·76	16	13	Tues. 9	4 ·14	5 ·66	18					
14	Fri. 10	4 ·99	27 ·84	17	14	Wed. 10	5 ·10	6 ·64	19	14	Sun. 9	7 ·87	{ 11 ·04 / 12 ·97 }	19
15	Sat. 11	... ...	1 ·92	18	15	Thur. 11	{ 6 ·04 / 7 ·97 }	7 ·60	20	15	Mon. 10	8 ·77	13 ·90	20
16	Sun. 12	5 ·03	2 ·97	19						16	Tues. 11	9 ·68	14 ·85	21
17	Mon. 13	6 ·05	... ...	20	16	Fri. 12	8 ·89	8 ·55	21	17	Wed. 12	10 ·59	15 ·79	22
18	Tues. 14	7 ·04	3 ·00	21	17	Sat. 13	9 ·80	9 ·49	22	18	Thur. 13	11 ·51	16 ·75	23
19	Wed. 15	{ 8 ·02 / 9 ·98	4 ·01	22	18	Sun. 14	10 ·70	10 ·44	23	19	Fri. 14	12 ·46	17 ·72	24
			5 ·02		19	Mon. 15	11 ·60	11 ·36	24	20	Sat. 15	13 ·42	18 ·70	25
20	Thur. 16	10 ·92	6 ·98	23	20	Tues. 16	12 ·50	12 ·29	25	21	Sun. 16	14 ·40	19 ·72	26
21	Fri. 17	11 ·85	7 ·94	24	21	Wed. 17	13 ·41	13 ·23	26	22	Mon. 17	**A** ·39	20 ·74	27
22	Sat. 18	12 ·77	8 ·88	25	22	Thur. 18	14 ·32	14 ·17	27	23	Tues. 18	1 ·42	21 ·79	28
23	Sun. 19	13 ·67	9 ·82	26	23	Fri. 19	**A** ·25	15 ·12	28	24	Wed. 19	2 ·45	22 ·86	29
24	Mon. 20	14 ·57	10 ·75	27	24	Sat. 20	1 ·20	16 ·09	29	25	Thur. 20	3 ·50	23 ·94	1
25	Tues. 21	**A** ·46	11 ·68	28	25	Sun. 21	2 ·15	17 ·05	30	26	Fri. 21	4 ·58	... ...	2
26	Wed. 22	1 ·36	12 ·62	29	26	Mon. 22	3 ·12	18 ·04	1	27	Sat. 22	5 ·67	24 ·05	3
27	Thur. 23	2 ·26	13 ·55	1	27	Tues. 23	4 ·12	19 ·07	2	28	Sun. 23	6 ·76	25 ·16	4
28	Fri. 24	3 ·17	14 ·50	2	28	Wed. 24	5 ·14	20 ·11	3	29	Mon. 24	7 ·85	26 ·26	5
29	Sat. 25	4 ·10	15 ·45	3	29	Thur. 25	6 ·18	21 ·18	4	1	Tues. 25	8 ·93	27 ·36	6
30	Sun. 26	5 ·04	16 ·42	4	30	Fri. 26	7 ·23	22 ·25	5	2	Wed. 26	9 ·99	1 ·45	7
31	Mon. 27	{ 6 ·00 / 7 ·97 }	17 ·41	5	1	Sat. 27	8 ·31	23 ·34	6	3	Thur. 27	... ...	2 ·52	8
1	Tues. 28	8 ·96	18 ·42	6	2	Sun. 28	9 ·39	24 ·44	7	4	Fri. 28	10 ·04	3 ·59	9
2	Wed. 29	9 ·98	19 ·44	7	3	Mon. 29	10 ·48	25 ·55	8	5	Sat. 29	11 ·06	4 ·62	10
3	Thur. 30	... ...	20 ·49	8	4	Tues. 30	11 ·57	26 ·67	9	6	Sun. 30	12 ·05	5 ·63	11
4	Fri. 31	10 ·01	21 ·55	9	5	Wed. 31	12 ·64	27 ·76	10	7	Mon. 31	13 ·04	6 ·62	12

Ānanda. **Karkataka—Ādi.** — Ānanda. **Kanyā—Purattāsi.** — Ānanda. **Vṛiśchika—Kārttigai.**
Ānanda. **Siṅha—Āvani.** — Ānanda. **Tulā—Aippaśi.** — Ānanda. **Dhanus—Mārgali.**

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1135. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·67.** **Śaka 1057.** **Kaliyuga 4236.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·62.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
					8	Fri. 1	P ·83	11 ·07	13	7	Wed. 1	2 ·39	18 ·34	15
8	Tues. ○ 1	14 ·00 / P ·95	7 ·61	13	9	Sat. 2	1 ·73	12 ·00 / 13 ·93	14	8	Thur. 2	3 ·35	19 ·33	16
9	Wed. 2	1 ·88	8 ·57	14						9	Fri. 3	4 ·32	20 ·34	17
10	Thur. 3	2 ·80	9 ·51	15	10	Sun. 3	2 ·63	14 ·86	15	10	Sat. 4	5 ·30	21 ·36	18
11	Fri 4	3 ·71	10 ·45	16	11	Mon. 4	3 ·54	15 ·80	16	11	Sun. 5	6 ·32	22 ·40	19
12	Sat. 5	4 ·61	11 ·38	17	12	Tues. 5	4 ·46	16 ·75	17	12	Mon. 6	7 ·36	23 ·47	20
13	Sun. 6	5 ·51	12 ·31	18	13	Wed. 6	5 ·38	17 ·71	18	13	Tues. 7	8 ·42	24 ·55	21
14	Mon. 7	6 ·41	13 ·25	19	14	Thur. 7	6 ·32	18 ·69	19	14	Wed. 8	9 ·49	25 ·66	22
15	Tues. 8	7 ·32	14 ·18	20	15	Fri. 8	7 ·28	19 ·68	20	15	Thur. 9	10 ·56	26 ·76	23
16	Wed. 9	8 ·24	15 ·13	21	16	Sat. 9	8 ·25	20 ·69	21	16	Fri. 10	11 ·64	27 ·87	24
17	Thur. 10	9 ·17	16 ·08	22	17	Sun. 10	9 ·25	21 ·73	22	17	Sat. 11	12 ·72	1 ·97	25
18	Fri. 11	10 ·11	17 ·04	23	18	Mon. 11	10 ·26	22 ·79	23	18	Sun. 12	13 ·79	... ...	26
19	Sat. 12	11 ·07	18 ·04	24	19	Tues. 12	11 ·30	23 ·86	24	19	Mon. 13	14 ·85	2 ·06	27
20	Sun. 13	12 ·04	19 ·04	25	20	Wed. 13	12 ·35	24 ·95	25	20	Tues. 14	A ·89	3 ·15	28
21	Mon. 14	13 ·04	20 ·06	26	21	Thur. 14	13 ·42	... ...	26	21	Wed. 15	1 ·90	4 ·20	29
22	Tues. 15	14 ·06	21 ·10	27	22	Fri. 15	14 ·50	25 ·05	27	22	Thur. 16	2 ·89	5 ·24	30
23	Wed. ● 16	A ·09	22 ·16	28	23	Sat. 16	A ·59	26 ·16	28	23	Fri. 17	3 ·87	6 ·25	1
24	Thur. 17	1 ·15	23 ·24	29	24	Sun. 17	1 ·68	27 ·27	29	24	Sat. 18	4 ·83	7 ·25	2
25	Fri. 18	2 ·28	24 ·34	30	25	Mon. 18	2 ·76	1 ·37	30	25	Sun. 19	5 ·77	8 ·23	3
26	Sat. 19	3 ·32	25 ·45	1	26	Tues. 19	3 ·82	2 ·45	1	26	Mon. 20	6 ·69	9 ·19	4
27	Sun. 20	4 ·41	26 ·56	2	27	Wed. 20	4 ·86	3 ·52	2	27	Tues. 21	7 ·61	10 ·14	5
28	Mon. 21	5 ·49	27 ·66	3	28	Thur. 21	5 ·88	4 ·57	3	28	Wed. 22	8 ·51	11 ·08	6
29	Tues. 22	6 ·57	1 ·76	4	29	Fri. 22	6 ·87	5 ·60	4	29	Thur. 23	9 ·41	12 ·01 / 13 ·94	7
1	Wed. 23	7 ·63	2 ·84	5	30	Sat. 23	7 ·85	6 ·61	5					
2	Thur. 24	8 ·67	3 ·90	6	31	Sun. 24	8 ·80	7 ·59	6	30	Fri. 24	10 ·30	14 ·88	8
3	Fri. 25	9 ·69	4 ·92	7	1	Mon. 25	9 ·74	8 ·56	7	31	Sat. 25	11 ·20	15 ·81	9
4	Sat. 26	10 ·69	5 ·95	8	2	Tues. 26	10 ·67	9 ·52	8	1	Sun. 26	12 ·10	16 ·76	10
5	Sun. 27	11 ·68	6 ·96	9	3	Wed. 27	11 ·58	10 ·47	9	2	Mon. 27	13 ·02 / 14 ·94	17 ·71	11
6	Mon. 28	12 ·64	7 ·94	10	4	Thur. 28	12 ·49	11 ·41	10					
7	Tues. 29	13 ·58	8 ·89	11	5	Fri. 29	13 ·39	12 ·34	11	3	Tues. 28	P ·87	18 ·67	12
8	Wed. 30	14 ·51	9 ·85	12	6	Sat. 30	14 ·29	13 ·27	12	4	Wed. 29	1 ·83	19 ·66	13
9	Thur. 31	P ·43	10 ·79	13	7	Sun. 31	P ·19	14 ·20	13	5	Thur. 30	2 ·80	20 ·66	14
										6	Fri. 31	3 ·79	21 ·68	15
	Feb.					**April.**					**June.**			
10	Fri. 1	1 ·34	11 ·72	14	8	Mon. 1	1 ·09	15 ·14	14	7	Sat. 1	4 ·80	22 ·72	16
11	Sat. 2	2 ·24	12 ·66	15	9	Tues. 2	2 ·01 / 3 ·93	16 ·09	15	8	Sun. 2	5 ·83	23 ·77	17
12	Sun. 3	3 ·14	13 ·59	16						9	Mon. 3	6 ·89	24 ·86	18
13	Mon. 4	4 ·04 / 5 ·94	14 ·52	17	10	Wed. 3	4 ·87	17 ·04	16	10	Tues. 4	7 ·96	25 ·96	19
					11	Thur. 4	5 ·82	18 ·01	17	11	Wed. 5	... ...	... ...	20
14	Tues. 5	6 ·86	15 ·46	18	12	Fri. 5	6 ·79	19 ·00	18	12	Thur. 6	8 ·04	26 ·06	21
15	Wed. 6	7 ·79	16 ·41	19	13	Sat. 6	7 ·79	20 ·01	19	13	Fri. 7	9 ·12	27 ·17	22
16	Thur. 7	8 ·73	17 ·38	20	14	Sun. 7	8 ·80	21 ·05	20	14	Sat. 8	10 ·20	1 ·27	23
17	Fri. 8	9 ·69	18 ·36	21	15	Mon. 8	9 ·84	22 ·10	21	15	Sun. 9	11 ·27	2 ·37	24
18	Sat. 9	10 ·66	19 ·34	22	16	Tues. 9	10 ·90	23 ·16	22	16	Mon. 10	12 ·33	3 ·45	25
19	Sun. 10	11 ·66	20 ·37	23	17	Wed. 10	11 ·97	24 ·25	23	17	Tues. 11	13 ·37	4 ·51	26
20	Mon. 11	12 ·67	21 ·41	24	18	Thur. 11	... ...	25 ·35	24	18	Wed. 12	14 ·38	5 ·55	27
21	Tues. 12	13 ·71	22 ·48	25	19	Fri. 12	12 ·05	26 ·46	25	19	Thur. 13	A ·38	6 ·57	28
22	Wed. 13	14 ·77	23 ·56	26	20	Sat. 13	13 ·14	27 ·57	26	20	Fri. 14	1 ·36	7 ·58	29
23	Thur. 14	A ·84	24 ·65	27	21	Sun. 14	14 ·22	1 ·67	27	21	Sat. 15	2 ·32	8 ·56	1
24	Fri. 15	1 ·93	25 ·75	28	22	Mon. 15	A ·29	2 ·76	28	22	Sun. 16	3 ·25	9 ·54	2
25	Sat. 16	... ...	26 ·86	29	23	Tues. 16	1 ·35	3 ·83	29	23	Mon. 17	4 ·17	10 ·48	3
26	Sun. 17	2 ·02	27 ·97	1	24	Wed. 17	2 ·39	4 ·89	1					
27	Mon. 18	3 ·10	... ...	2	25	Thur. 18	3 ·41	5 ·92	2	24	Tues. 18	5 ·08 / 6 ·98	11 ·42	4
28	Tues. 19	4 ·17	1 ·07	3	26	Fri. 19	4 ·40	6 ·93	3	25	Wed. 19	7 ·88	12 ·35	5
29	Wed. 20	5 ·23	2 ·15	4	27	Sat. 20	5 ·38	7 ·92	4	26	Thur. 20	8 ·78	13 ·29	6
30	Thur. 21	6 ·28	3 ·21	5	28	Sun. 21	6 ·34	8 ·89	5	27	Fri. 21	9 ·68	14 ·22	7
1	Fri. 22	7 ·30	4 ·25	6	29	Mon. 22	7 ·28	9 ·86	6	28	Sat. 22	10 ·58	15 ·15	8
2	Sat. 23	8 ·30	5 ·27	7	30	Tues. 23	8 ·20	10 ·81	7	29	Sun. 23	11 ·49	16 ·09	9
3	Sun. 24	9 ·28	6 ·28	8	31	Wed. 24	9 ·11	11 ·74	8	30	Mon. 24	12 ·41	17 ·04	10
4	Mon. 25	10 ·24	7 ·26	9										
5	Tues. 26	11 ·18	8 ·23	10	1	Thur. 25	10 ·01 / 11 ·91	12 ·67	9	31	Tues. 25	13 ·35	18 ·01 / 19 ·99	11
6	Wed. 27	12 ·11	9 ·18	11	2	Fri. 26	12 ·81	13 ·60	10	32	Wed. 26	14 ·31	20 ·98	12
7	Thur. 28	13 ·02 / 14 ·98	10 ·12	12	3	Sat. 27	13 ·70	14 ·54	11	1	Thur. ○ 27	P ·28	21 ·99	13
					4	Sun. 28	14 ·61	15 ·48	12	2	Fri. 28	1 ·27	... ...	14
					5	Mon. 29	P ·52	16 ·42	13	3	Sat. 29	2 ·28	22 ·03	15
					6	Tues. 30	1 ·45	17 ·37	14	4	Sun. 30	3 ·32	23 ·09	16

Ānanda. Makara—Tai. Ānanda. Kumbha—Māśi. Ānanda. Mīna—Paṅguni. Ānanda. Mēsha—Chittirai. Rākshasa. Vṛishabha—Vaigāśi. Rākshasa. Mithuna—Āni. Rākshasa.

H. 529 Rabi-ul awwal. H. 529 Rabi-ul ākhir. H. 529 Jamādā'l awwal. H. 529 Jamādā'l ākhir. H. 529 Rajab H. 529 Shā'bān. H. 529 Ramazān.

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1135. **Kollam 311,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 530.** **Vikrama 1192.**
A—Amāvāsyā. Commences Commences **Oct. 11.** **Bengal San. 541.**
P—Paurnimā. **(N. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Mon.	1	4 ·37	24 ·17	17	5	Sun.	1	7 ·87	4 ·44	20	6	Fri.	1	9 ·87	10 ·15	22
6	Tues.	2	5 ·43	25 ·26	18	6	Mon.	2	8 ·89	5 ·50	21	7	Sat.	2	10 ·80	11 ·11	23
7	Wed.	3	6 ·51	26 ·36	19	7	Tues.	3	9 ·88	6 ·54	22	8	Sun.	3	11 ·71	12 ·05 / 13 ·98	24
8	Thur.	4	7 ·60	27 ·46	20	8	Wed.	4	10 ·86	7 ·55	23						
9	Fri.	5	8 ·68	1 ·58	21	9	Thur.	5	11 ·82	8 ·54	24	9	Mon.	4	12 ·61	14 ·92	25
10	Sat.	6	9 ·75	2 ·68	22	10	Fri.	6	12 ·77	9 ·52	25	10	Tues.	5	13 ·51	15 ·85	26
11	Sun.	7	10 ·81	3 ·76	23	11	Sat.	7	13 ·69	10 ·49	26	11	Wed.	6	14 ·41	16 ·78	27
12	Mon.	8	11 ·84	4 ·82	24	12	Sun.	8	14 ·60	11 ·44	27	12	Thur.	7	—A ·32	17 ·72	28
13	Tues.	9	12 ·86	5 ·87	25	13	Mon.	9	—A ·51	12 ·37	28	13	Fri.	8	1 ·23	18 ·67	29
14	Wed.	10	13 ·86	6 ·89	26	14	Tues.	10	1 ·41	13 ·31	29	14	Sat.	9	2 ·16	19 ·64	—30
15	Thur.	11	14 ·84	7 ·91	27	15	Wed.	11	2 ·31	14 ·24	—30	15	Sun.	10	3 ·10	20 ·61	1
16	Fri.	12	—A ·79	8 ·89	28	16	Thur.	12	3 ·21	15 ·18	1	16	Mon.	11	4 ·06	21 ·60	2
17	Sat.	13	1 ·73	9 ·86	29	17	Fri.	13	4 ·12	16 ·11	2	17	Tues.	12	5 ·04	22 ·61	3
18	Sun.	14	2 ·36	10 ·81	—30	18	Sat.	14	5 ·03 / 6 ·95	17 ·05	3	18	Wed.	13	6 ·04	23 ·64	4
19	Mon.	15	3 ·56	11 ·75	1							19	Thur.	14	7 ·06	24 ·70	5
20	Tues.	16	4 ·46	12 ·70	2	19	Sun.	15	7 ·89	18 ·00 / 19 ·97	4	20	Fri.	15	8 ·10	25 ·78	6
21	Wed.	17	5 ·36	13 ·63	3							21	Sat.	16	9 ·16	26 ·86	7
22	Thur.	18	6 ·26	14 ·56	4	20	Mon.	16	8 ·85	20 ·96	5	22	Sun.	17	10 ·24	27 ·96	8
23	Fri.	19	7 ·16	15 ·49	5	21	Tues.	17	9 ·83	21 ·96	6	23	Mon.	18	11 ·33	:: ...	9
24	Sat.	20	8 ·06 / 9 ·98	16 ·43	6	22	Wed.	18	10 ·82	22 ·98	7	24	Tues.	19	12 ·42	1 ·07	10
						23	Thur.	19	11 ·84	... ::	8	25	Wed.	20	13 ·50	2 ·19	11
25	Sun.	21	10 ·90	17 ·38	7	24	Fri.	20	12 ·88	23 ·02	9	26	Thur.	21	14 ·57	3 ·27	12
26	Mon.	22	11 ·83	18 ·34	8	25	Sat.	21	13 ·94	24 ·08	10	27	Fri.	22	P ·63	4 ·37	13
27	Tues.	23	12 ·79	19 ·31	9	26	Sun.	22	... ...	25 ·16	11	28	Sat.	23	1 ·67	5 ·44	14
28	Wed.	24	13 ·76	20 ·30	10	27	Mon.	23	14 ·02	26 ·26	12	29	Sun.	24	2 ·69	6 ·48	15
29	Thur.	25	14 ·76	21 ·31	11	28	Tues.	24	P ·10	27 ·36	13	—30	Mon.	25	3 ·70	7 ·52	16
30	Fri.	26	P ·77	22 ·35	12	29	Wed.	25	1 ·19	1 ·47	14	1	Tues.	26	4 ·68	8 ·53	17
—31	Sat.	27	1 ·80	23 ·39	13	30	Thur.	26	2 ·27	2 ·58	15	2	Wed.	27	5 ·64	9 ·52	18
1	Sun.	28	2 ·86	24 ·47	14	—31	Fri.	27	3 ·34	3 ·67	16	3	Thur.	28	6 ·59	10 ·49	19
2	Mon.	29	3 ·93	25 ·56	15	1	Sat.	28	4 ·40	4 ·76	17	4	Fri.	29	7 ·52	11 ·44	20
3	Tues.	30	... ...	26 ·66	16	2	Sun.	29	5 ·44	5 ·82	18	5	Sat.	30	8 ·43	12 ·39	21
4	Wed.	31	4 ·01	27 ·77	17	3	Mon.	30	6 ·46	6 ·85	19						
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	5 ·09	1 ·88	18	4	Tues.	1	7 ·45	7 ·87	20	6	Sun.	1	9 ·34	13 ·33	22
6	Fri.	2	6 ·17	2 ·98	19	5	Wed.	2	8 ·43	8 ·87	21	7	Mon.	2	10 ·24	14 ·26	23
7	Sat.	3	7 ·24	... ...	20	6	Thur.	3	9 ·39	9 ·86	22	8	Tues.	3	11 ·14	15 ·19	24
8	Sun.	4	8 ·30	3 ·06	21	7	Fri.	4	10 ·34	10 ·82	23	9	Wed.	4	12 ·05 / 13 ·96	16 ·12	25
9	Mon.	5	9 ·34	4 ·13	22	8	Sat.	5	11 ·27	11 ·77	24						
10	Tues.	6	10 ·37	5 ·18	23	9	Sun.	6	12 ·19	12 ·71	25	10	Thur.	5	14 ·88	17 ·06	26
11	Wed.	7	11 ·35	6 ·22	24	10	Mon.	7	13 ·09 / 14 ·99	13 ·64	26	11	Fri.	6	—A ·80	18 ·01 / 19 ·97	27
12	Thur.	8	12 ·33	7 ·23	25												
13	Fri.	9	13 ·29	8 ·22	26	11	Tues.	8	—A ·89	14 ·58	27	12	Sat.	7	1 ·74	20 ·94	28
14	Sat.	10	14 ·23	9 ·19	27	12	Wed.	9	1 ·79	15 ·51	28	13	Sun.	8	2 ·71	21 ·92	—29
15	Sun.	11	—A ·16	10 ·15	28	13	Thur.	10	2 ·70	13 ·45	—29	14	Mon.	9	3 ·68	22 ·93	1
16	Mon.	12	1 ·07 / 2 ·97	11 ·10	—29	14	Fri.	11	3 ·62	17 ·39	1	15	Tues.	10	4 ·69	23 ·97	2
						15	Sat.	12	4 ·55	18 ·33	2	16	Wed.	11	5 ·71	... ..	3
17	Tues.	13	3 ·87	12 ·04 / 13 ·97	1	16	Sun.	13	5 ·49	19 ·30	3	17	Thur.	12	6 ·75	24 ·01	4
18	Wed.	14	4 ·77	14 ·90	2	17	Mon.	14	6 ·45	20 ·28	4	18	Fri.	13	7 ·81	25 ·08	5
19	Thur.	15	5 ·67	15 ·83	3	18	Tues.	15	7 ·42	21 ·28	5	19	Sat.	14	8 ·89	26 ·16	6
20	Fri.	16	6 ·57	16 ·77	4	19	Wed.	16	8 ·41	22 ·29	6	20	Sun.	15	9 ·97	27 ·26	7
21	Sat.	17	7 ·49	17 ·72	5	20	Thur.	17	9 ·43	23 ·33	7	21	Mon.	16	... ...	1 ·38	8
22	Sun.	18	8 ·41	18 ·67	6	21	Fri.	18	10 ·47	24 ·39	8	22	Tues.	17	10 ·05	2 ·48	9
23	Mon.	19	9 ·35	19 ·64	7	22	Sat.	19	11 ·53	25 ·47	9	23	Wed.	18	11 ·14	3 ·58	10
24	Tues.	20	10 ·31	20 ·62	8	23	Sun.	20	12 ·61	26 ·56	10	24	Thur.	19	12 ·22	4 ·67	11
25	Wed.	21	11 ·28	21 ·64	9	24	Mon.	21	13 ·70	27 ·66	11	25	Fri.	20	13 ·28	5 ·74	12
26	Thur.	22	12 ·27	22 ·66	10	25	Tues.	22	14 ·78	1 ·77	12	26	Sat.	21	14 ·32	6 ·80	13
27	Fri.	23	13 ·28	23 ·71	11	26	Wed.	23	P ·86	2 ·88	13	27	Sun. ○	22	P ·35	7 ·84	14
28	Sat.	24	14 ·32	24 ·78	12	27	Thur.	24	1 ·94	3 ·98	14	28	Mon.	23	1 ·34	8 ·85	15
29	Sun.	25	P ·38	25 ·86	13	28	Fri.	25	... ...	... ..	15	29	Tues.	24	2 ·32	9 ·84	16
30	Mon.	26	1 ·46	26 ·95	14	—29	Sat.	26	2 ·00	4 ·06	16	1	Wed.	25	3 ·29	10 ·82	17
—31	Tues.	27	2 ·54	... ...	15	1	Sun.	27	3 ·04	5 ·13	17	2	Thur.	26	4 ·23	11 ·77	18
1	Wed.	28	3 ·63	27 ·07	16	2	Mon.	28	4 ·06	6 ·17	18	3	Fri.	27	5 ·16	12 ·73	19
2	Thur.	29	4 ·70	1 ·18	17	3	Tues.	29	5 ·06	7 ·19	19	4	Sat.	28	6 ·07 / 7 ·98	13 ·67	20
3	Fri.	30	5 ·77	2 ·28	18	4	Wed.	30	6 ·04	8 ·20	20						
4	Sat.	31	6 ·83	3 ·37	19	5	Thur.	31	7 ·00 / 8 ·94	9 ·19	21	5	Sun.	29	8 ·88	14 ·60	21
												6	Mon.	30	9 ·78	15 ·53	22
												7	Tues.	31	10 ·69	16 ·46	23

Rākshasa. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** **Bhādrapada.** *Rākshasa.* **Simha—Āvani.** *Bahula.* *Sukla.* *Rākshasa.* **Tulā—Aippaśi.** *Bahula.* *Sukla.* **Kārttika.** *Bahula.* *Rākshasa.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** *Rākshasa.* **Vṛiśchika—Kārttigai.** *Bahula.* *Sukla.* *Rākshasa.* **Dhanus—Mārgali.** *Bahula.* *Sukla.* **Pausha.** *Rākshasa.* **Makara—Tai.** *Bahula.*

H. 529 Ramazān. *H. 529 Shawwāl.* *H. 529 Zi-l-ka'da.* *H. 529 Zi-l-hijja.* *H. 530 Muharram.* *H. 530 Ṣafar.* *H. 530 Rabi-ul awwal.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1136. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse.● **(Surya Sid.) March 23·93.** **Śaka 1058.** **Kaliyuga 4237.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·88.** **(S. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Wed.	1	Bahula. 11 ·60	17 ·40	24	8	Sun.	1	12 ·55	23 ·91	25	8	Fri.	1	14 ·88	2 ·98	27
9	Thur.	2	12 ·52	18 ·34	25	9	Mon.	2	13 ·55	24 ·94	26	9	Sat.	2	—A ·97	... ...	28
10	Fri.	3	13 ·45	19 ·30	26	10	Tues.	3	14 ·57	... ...	27	10	Sun.	3	.: ...	3 ·09	29
11	Sat.	4	14 ·39	20 ·26	27	11	Wed.	4	—A ·61	25 ·00	28	11	Mon.	4	1 ·05	4 ·19	—30
12	Sun.	5	—A ·35	21 ·25	28	12	Thur.	5	1 ·67	26 ·08	29	12	Tues.	5	2 ·12	5 ·28	1
13	Mon.	6	1 ·33	22 ·26	29	13	Fri.	6	2 ·74	27 ·17	—30	13	Wed.	6	3 ·18	6 ·36	2
14	Tues.	7	2 ·33	23 ·28	—30	14	Sat.	7	3 ·82	1 ·27	1	14	Thur.	7	4 ·22	7 ·43	3
15	Wed.	8	3 ·35	24 ·33	1	15	Sun.	8	4 ·91	2 ·37	2	15	Fri.	8	5 ·23	8 ·46	4
16	Thur.	9	4 ·39	25 ·38	2	16	Mon.	9	5 ·99	3 ·48	3	16	Sat.	9	6 ·22	9 ·47	5
17	Fri.	10	5 ·45	26 ·47	3	17	Tues.	10	.: .:	4 ·59	4	17	Sun.	10	7 ·20	10 ·47	6
18	Sat.	11	6 ·53	27 ·57	4	18	Wed.	11	6 ·07	5 ·37	5	18	Mon.	11	8 ·16	11 ·44	7
19	Sun.	12	Śukla. 7 ·61	1 ·68	5	19	Thur.	12	7 ·12	6 ·74	6	19	Tues.	12	9 ·09	12 ·40	8
20	Mon.	13	8 ·70	2 ·78	6	20	Fri.	13	8 ·16	7 ·79	7	20	Wed.	13	10 ·01 / 11 ·92	13 ·36	9
21	Tues.	14	9 ·79	3 ·88	7	21	Sat.	14	9 ·18	8 ·81	8						
22	Wed.	15	10 ·86	4 ·98	8	22	Sun.	15	10 ·18	9 ·83	9	21	Thur.	14	12 ·82	14 ·30	10
23	Thur.	16	11 ·92	... ...	9	23	Mon.	16	11 ·16	10 ·81	10	22	Fri.	15	13 ·72	15 ·23	11
24	Fri.	17	12 ·96	5 ·05	10	24	Tues.	17	12 ·11	11 ·78	11	23	Sat.	16	14 ·62	16 ·16	12
25	Sat.	18	13 ·99	6 ·12	11	25	Wed.	18	13 ·05 / 14 ·98	12 ·74	12	24	Sun.	17	P ·52	17 ·09	13
26	Sun.	19	Māgha. 14 ·98	7 ·16	12											18 ·03	
27	Mon.	20	P ·96	8 ·17	13	26	Thur.	19	P ·89	13 ·68	13	25	Mon.	18	1 ·42	19 ·96	14
28	Tues.	21	1 ·92	9 ·17	14	27	Fri.	20	1 ·80	14 ·63	14	26	Tues	19	2 ·33	20 ·93	15
29	Wed.	22	2 ·86	10 ·15	15	28	Sat.	21	2 ·70	15 ·56	15	27	Wed.	20	3 ·28	21 ·89	16
—30	Thur.	23	3 ·79	11 ·12	16	29	Sun.	22	3 ·60	16 ·48	16	28	Thur.	21	4 ·20	22 ·87	17
1	Fri.	24	4 ·71	12 ·07	17	—30	Mon.	23	4 ·49	17 ·42	17	29	Fri.	22	5 ·15	23 ·88	18
				13 ·03	*H. 530 Rabī-ul ākhir.*	1	Tues.	24	5 ·39	18 ·35	18	30	Sat.	23	6 ·12	24 ·90	19
2	Sat.	25	5 ·62	14 ·94	18	2	Wed.	25	Bahula. 6 ·30	19 ·30	19	—31	Sun.	24	7 ·12	25 ·94	20
3	Sun.	26	Bahula. 6 ·52	15 ·87	19	3	Thur.	26	7 ·28	20 ·26	20	1	Mon.	25	8 ·13	.: ...	*H. 530 Śha'bān.* 21
4	Mon.	27	7 ·42	16 ·81	20	4	Fri.	27	8 ·17	21 ·23	21	2	Tues.	26	9 ·17	26 ·00	22
5	Tues.	28	8 ·32	17 ·74	21	5	Sat.	28	9 ·18	22 ·22	22	3	Wed.	27	10 ·22	27 ·07	23
6	Wed.	29	9 ·23	18 ·68	22	6	Sun.	29	10 ·11	23 ·23	23	4	Thur.	28	11 ·29	1 ·18	24
7	Thur.	30	10 ·15	19 ·63	23	7	Mon.	30	11 ·11	24 ·26	24	5	Fri.	29	12 ·37	2 ·28	25
8	Fri.	31	11 ·08	20 ·59	24	8	Tues.	31	12 ·12	25 ·32	25	6	Sat.	30	13 ·46	3 ·39	26
												7	Sun.	31	14 ·54	4 ·49	27
	Feb.						**April.**						**June.**				
9	Sat.	1	12 ·02 / 13 ·98	21 ·59	25	9	Wed.	1	13 ·16	26 ·38	26	8	Mon.	1	—A ·61	5 ·58	28
10	Sun.	2	14 ·96	22 ·58	26	10	Thur.	2	14 ·22	27 ·47	27	9	Tues.	2	1 ·66	6 ·66	—29
11	Mon.	3	—A ·95	23 ·59	27	11	Fri.	3	—A ·29	1 ·57	28	10	Wed.	3	2 ·70	7 ·73	1
12	Tues.	4	1 ·97	24 ·63	28	12	Sat.	4	1 ·37	2 ·68	—29	11	Thur.	4	3 ·71	8 ·77	2
13	Wed.	5	.: ...	25 ·69	—29	13	Sun.	5	2 ·46	3 ·79	1	12	Fri.	5	4 ·70	9 ·79	3
14	Thur.	6	2 ·01	26 ·77	1	14	Mon.	6	3 ·54	4 ·89	2	13	Sat.	6	5 ·68	10 ·79	4
15	Fri.	7	3 ·07	27 ·87	2	15	Tues.	7	Śukla. 4 ·61	5 ·98	3	14	Sun.	7	Śukla. 6 ·63	11 ·77	5
16	Sat.	8	4 ·15	1 ·97	3	16	Wed.	8	5 ·66	.: .:	4	15	Mon.	8	7 ·56	12 ·75	6
17	Sun.	9	5 ·23	.: .:	4	17	Thur.	9	6 ·70	6 ·05	5	16	Tues.	9	8 ·48	13 ·70	7
18	Mon.	10	6 ·32	2 ·08	5	18	Fri.	10	7 ·72	7 ·10	6	17	Wed.	10	9 ·39	14 ·64	8
19	Tues.	11	Śukla. 7 ·40	3 ·18	6	19	Sat.	11	8 ·72	8 ·14	7	18	Thur.	11	10 ·30	15 ·57	9
20	Wed.	12	8 ·48	4 ·28	7	20	Sun.	12	9 ·69	9 ·15	8	19	Fri.	12	11 ·20	16 ·50	10
21	Thur.	13	9 ·54	5 ·37	8	21	Mon.	13	10 ·65	10 ·14	9				12 ·10		
22	Fri.	14	10 ·58	6 ·43	9	22	Tues.	14	11 ·58	11 ·11	10	20	Sat.	13	13 ·99	17 ·44	11
23	Sat.	15	11 ·60	7 ·47	10	23	Wed.	15	12 ·50	12 ·07	11				14 ·89		
24	Sun.	16	12 ·59	8 ·49	11	24	Thur.	16	13 ·42	13 ·03 / 14 ·96	12	21	Sun.	14	15 ·80	18 ·37	12
25	Mon.	17	13 ·57	9 ·49	12	25	Fri.	17	14 ·32	15 ·89	13	22	Mon. ○	15	P ·80	19 ·31	13
26	Tues.	18	14 ·53	10 ·48	13	26	Sat.	18	P ·22	16 ·82	14	23	Tues.	16	1 ·72	20 ·26	14
27	Wed.	19	P ·48	11 ·45	14	27	Sun.	19	1 ·12	17 ·75	15	24	Wed.	17	2 ·66	21 ·22	15
28	Thur.	20	1 ·41	12 ·40	15				2 ·02			25	Thur.	18	3 ·62	22 ·20	16
29	Fri.	21	2 ·33	13 ·34	16	28	Mon.	20	3 ·92	18 ·69	16	26	Fri.	19	4 ·60	23 ·20	17
—30	Sat.	22	3 ·23	14 ·28	17							27	Sat.	20	5 ·59	24 ·21	18
1	Sun.	23	4 ·18	15 ·22	18	29	Tues.	21	4 ·84	19 ·63	17	28	Sun.	21	6 ·61	25 ·25	19
						30	Wed.	22	5 ·76	20 ·59	18	29	Mon.	22	7 ·65	26 ·30	*H. 530 Ramaẓān.* 20
2	Mon.	24	5 ·03 / 6 ·98	16 ·15	19	—31	Thur.	23	6 ·69	21 ·56	19	30	Tues.	23	8 ·70	27 ·39	21
						1	Fri.	24	Bahula. 7 ·65	22 ·54	20	31	Wed.	24	9 ·77	1 ·48	22
3	Tues.	25	7 ·83	17 ·08	20	2	Sat.	25	8 ·68	23 ·55	21	—32	Thur.	25	10 ·85	2 ·58	23
4	Wed.	26	Bahula. 8 ·74	18 ·02 / 19 ·96	21	3	Sun.	26	9 ·63	24 ·58	22	1	Fri.	26	Bahula. 11 ·94	3 ·68	24
5	Thur.	27	9 ·87	20 ·93	22	4	Mon.	27	10 ·64	25 ·63	23	2	Sat.	27	.: ...	4 ·79	25
6	Fri.	28	10 ·61	21 ·91	23	5	Tues.	28	11 ·68	26 ·69	24	3	Sun.	28	12 ·02	5 ·89	26
7	Sat.	29	11 ·57	22 ·90	24	6	Wed.	29	12 ·78	27 ·77	25	4	Mon.	29	13 ·09	6 ·97	27
						7	Thur.	30	13 ·80	1 ·87	26	5	Tues.	30	14 ·14	... ...	28

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Roni. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1136. **Kollam 312,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 531.** **Vikrama 1193.**
A—Amāvāsyā. Commences Commences **Sep. 29.** **Bengal San. 542.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Wed.	1	—**A** ·17	7 ·04	29	6	Tues.	1	4 ·81	15 ·59	2	6	Sun.	1	6 ·44	22 ·85	4
7	Thur.	2	1 ·19	8 ·09	—30	7	Wed.	2	5 ·71	16 ·53	3	7	Mon.	2	7 ·39	23 ·83	5
8	Fri.	3	2 ·18	9 ·11	1	8	Thur.	3	6 ·61	17 ·46	4	8	Tues.	3	8 ·35	24 ·82	6
9	Sat.	4	3 ·16	10 ·12	2	9	Fri.	4	7 ·51	18 ·38	5	9	Wed.	4	9 ·33	25 ·83	7
10	Sun.	5	4 ·11	11 ·11	3	10	Sat.	5	8 ·41	19 ·32	6	10	Thur.	5	10 ·33	26 ·86	8
11	Mon.	6	5 ·05 6 ·97	12 ·08	4	11	Sun.	6	9 ·32	20 ·27	7	11	Fri.	6	11 ·35	27 ·91	9
				13 ·03		12	Mon.	7	10 ·25	21 ·22	8	12	Sat.	7	12 ·39	... ...	10
12	Tues.	7	7 ·88	14 ·97	5	13	Tues.	8	11 ·19	22 ·19	9	13	Sun.	8	13 ·45	1 ·00	11
13	Wed.	8	8 ·78	15 ·91	6	14	Wed.	9	12 ·15	23 ·17	10	14	Mon.	9	14 ·53	2 ·08	12
14	Thur.	9	9 ·68	16 ·85	7	15	Thur.	10	13 ·13	24 ·18	11	15	Tues.	10	**P** ·62	3 ·18	13
15	Fri.	10	10 ·58	17 ·78	8	16	Fri.	11	14 ·13	25 ·20	12	16	Wed.	11	1 ·71	4 ·29	14
16	Sat.	11	11 ·48	18 ·71	9	17	Sat.	12	**P** ·15	26 ·24	13	17	Thur.	12	2 ·80	5 ·40	15
17	Sun.	12	12 ·38	19 ·65	10	18	Sun.	13	1 ·19	27 ·30	14	18	Fri.	13	3 ·87	6 ·50	16
18	Mon.	13	13 ·29	20 ·59	11	19	Mon.	14	2 ·25	1 ·38	15	19	Sat.	14	4 ·93	7 ·59	17
19	Tues.	14	14 ·21	21 ·56	12	20	Tues.	15	3 ·32	2 ·47	16	20	Sun.	15	5 ·98	8 ·66	18
20	Wed.	15	**P** ·15	22 ·53	13	21	Wed.	16	4 ·40	3 ·59	17	21	Mon.	16	6 ·98	9 ·70	19
21	Thur.	16	1 ·11	23 ·52	14	22	Thur.	17	5 ·49	4 ·69	18	22	Tues.	17	7 ·98	10 ·73	20
22	Fri.	17	2 ·09	24 ·53	15	23	Fri.	18	6 ·57	5 ·80	19	23	Wed.	18	8 ·96	11 ·74	21
23	Sat.	18	3 ·07	25 ·56	16	24	Sat.	19	7 ·64	6 ·89	20	24	Thur.	19	9 ·92	12 ·74	22
24	Sun.	19	4 ·10	26 ·61	17	25	Sun.	20	8 ·70	7 ·97	21	25	Fri.	20	10 ·87	13 ·71	23
25	Mon.	20	5 ·14	27 ·69	18	26	Mon.	21	9 ·74	... ...	22	26	Sat.	21	11 ·79	14 ·66	24
26	Tues.	21	6 ·19	1 ·78	19	27	Tues.	22	10 ·76	8 ·04	23	27	Sun.	22	12 ·70	15 ·61	25
27	Wed.	22	7 ·25	2 ·88	20	28	Wed.	23	11 ·76	9 ·07	24	28	Mon.	23	13 ·61	16 ·54	26
28	Thur.	23	8 ·33	3 ·98	21	29	Thur.	24	12 ·73	10 ·09	25	—29	Tues.	24	14 ·52	17 ·48	27
29	Fri.	24	9 ·42	... ...	22	30	Fri.	25	13 ·69	11 ·09	26	1	Wed.	25	—**A** ·42	18 ·41	28
30	Sat.	25	10 ·50	4 ·09	23	—31	Sat.	26	14 ·63	12 ·07	27	2	Thur.	26	1 ·32	19 ·34	—29
—31	Sun.	26	11 ·58	5 ·19	24					13 ·04		3	Fri.	27	2 ·23	20 ·28	1
1	Mon.	27	12 ·63	6 ·28	25	1	Sun.	27	—**A** ·56	14 ·99	28	4	Sat.	28	3 ·15	21 ·22	2
2	Tues.	28	13 ·67	7 ·35	26	2	Mon.	28	1 ·47	15 ·93	—29	5	Sun.	29	4 ·08	22 ·19	3
3	Wed.	29	14 ·68	8 ·40	27	3	Tues.	29	2 ·37	16 ·86	1	6	Mon.	30	5 ·03 6 ·99	23 ·16	4
4	Thur.	30	—**A** ·67	9 ·43	28	4	Wed.	30	3 ·27	17 ·79	2						
5	Fri.	31	1 ·65	10 ·45	—29												
	Aug.						**Oct.**						**Dec.**				
6	Sat.	1	2 ·60	11 ·44	1	5	Thur.	1	4 ·17	18 ·72	3	7	Tues.	1	7 ·97	24 ·14	5
7	Sun.	2	3 ·54	12 ·41	2				5 ·08			8	Wed.	2	8 ·96	25 ·15	6
8	Mon.	3	4 ·46	13 ·37	3	6	Fri.	2	6 ·99	19 ·67	4	9	Thur.	3	9 ·99	26 ·18	7
9	Tues.	4	5 ·38	14 ·31	4	7	Sat.	3	7 ·91	20 ·60	5	10	Fri.	4	... ...	27 ·22	8
10	Wed.	5	6 ·28	15 ·26	5	8	Sun.	4	8 ·83	21 ·55	6	11	Sat.	5	10 ·03	1 ·30	9
11	Thur.	6	7 ·18	16 ·19	6	9	Mon.	5	9 ·77	22 ·52	7	12	Sun.	6	11 ·10	2 ·38	10
			8 ·08			10	Tues.	6	10 ·73	23 ·49	8	13	Mon.	7	12 ·18	3 ·48	11
12	Fri.	7	9 ·98	17 ·12	7	11	Wed.	7	11 ·71	24 ·50	9	14	Tues.	8	13 ·26	4 ·59	12
				18 ·05		12	Thur.	8	12 ·71	25 ·51	10	15	Wed.	9	14 ·35	5 ·69	13
13	Sat.	8	10 ·88	19 ·98	8	13	Fri.	9	13 ·73	26 ·55	11	16	Thur.	10	**P** ·44	6 ·80	14
14	Sun.	9	11 ·79	20 ·94	9	14	Sat.	10	14 ·77	27 ·61	12	17	Fri.	11	1 ·51	7 ·89	15
15	Mon.	10	12 ·71	21 ·89	10	15	Sun.	11	**P** ·84	1 ·68	13	18	Sat.	12	2 ·57	8 ·97	16
16	Tues.	11	13 ·65	22 ·86	11	16	Mon.	12	1 ·92	2 ·78	14	19	Sun.	13	3 ·62	... ...	17
17	Wed.	12	14 ·61	23 ·84	12	17	Tues.	13	... ...	3 ·89	15	20	Mon.	14	4 ·63	9 ·02	18
18	Thur.	13	**P** ·59	24 ·85	13	18	Wed.	14	2 ·00	4 ·99	16	21	Tues.	15	5 ·62	10 ·05	19
19	Fri.	14	1 ·58	25 ·87	14	19	Thur.	15	3 ·08	... ...	17	22	Wed.	16	6 ·60	11 ·07	20
20	Sat.	15	2 ·60	26 ·93	15	20	Fri.	16	4 ·16	5 ·10	18	23	Thur.	17	7 ·57	12 ·06	21
21	Sun.	16	3 ·64	27 ·99	16	21	Sat.	17	5 ·23	6 ·19	19					13 ·04	
22	Mon.	17	4 ·70	... ...	17	22	Sun.	18	6 ·30	7 ·27	20	24	Fri.	18	8 ·51	14 ·99	22
23	Tues.	18	5 ·77	1 ·08	18	23	Mon.	19	7 ·34	8 ·34	21	25	Sat.	19	9 ·44	15 ·94	23
24	Wed.	19	6 ·85	2 ·18	19	24	Tues.	20	8 ·36	9 ·39	22	26	Sun.	20	10 ·36	16 ·89	24
25	Thur.	20	7 ·94	3 ·28	20	25	Wed.	21	9 ·35	10 ·41	23	27	Mon.	21	11 ·27	17 ·82	25
26	Fri.	21	... ...	4 ·40	21	26	Thur.	22	10 ·32	11 ·41	24	28	Tues.	22	12 ·17	18 ·75	26
27	Sat.	22	8 ·02	5 ·50	22	27	Fri.	23	11 ·29	12 ·40	25				13 ·07		
28	Sun.	23	9 ·09	6 ·59	23	28	Sat.	24	12 ·23	13 ·37	26	29	Wed.	23	14 ·97	19 ·68	27
29	Mon.	24	10 ·15	7 ·66	24	29	Sun.	25	13 ·16	14 ·33	27	—30	Thur.	24	—**A** ·88	20 ·61	28
30	Tues.	25	11 ·19	8 ·72	25				14 ·07			1	Fri.	25	1 ·80	21 ·56	29
—31	Wed.	26	12 ·20	9 ·76	26	—30	Mon.	26	**A** ·98	15 ·27	28	2	Sat.	26	2 ·73	22 ·52	—30
1	Thur.	27	13 ·20	10 ·77	27	1	Tues.	27	1 ·89	16 ·20	29	3	Sun.	27	3 ·67	23 ·48	1
2	Fri.	28	14 ·17	11 ·76	28	2	Wed.	28	2 ·79	17 ·13	—30	4	Mon.	28	4 ·63	24 ·47	2
3	Sat.	29	—**A** ·13	12 ·74	29	3	Thur.	29	3 ·69	18 ·07	1	5	Tues.	29	5 ·61	25 ·47	3
			1 ·07							19 ·00		6	Wed.	30	6 ·61	26 ·49	4
4	Sun.	30	2 ·99	13 ·70	—30	4	Fri.	30	4 ·59	20 ·94	2	7	Thur.	31	7 ·64	27 ·54	5
5	Mon.	31	3 ·91	14 ·66	1	5	Sat.	31	5 ·51	21 ·89	3						

Ānala. **Karkataka—Ādi.** *Ānala.* **Kanyā—Purattāsi.** *Ānala.* **Vṛśchika—Kārttigai.**

Ānala. **Simha—Āvani.** *Ānala.* **Tulā—Aippasi.** *Ānala.* **Dhanus—Mārgali.**

Śrāvana. *Bahula.* *Bhādrapada.* *Bahula.* *Āśvina.* *Bahula.* *Kārttika.* *Sukla.* *Bahula.* *Mārgaśirsha.* *Sukla.* *Bahula.* *Pausha.* *Bahula.* *Sukla.*

H. 530 *Shawwāl.* *H.* 530 *Zi-l-ḳi'da.* *H.* 530 *Zi-l-ḥijja.* *H.* 531 *Muharram.* *H.* 531 *Ṣafar.* *H.* 531 *Rabi-ul awwal.*

12. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1137. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·19.** **Śaka 1059.** **Kaliyuga 4238.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·14.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Fri. 1	*Śukla.* 8 ·68	1 ·61	6	8	Mon. 1	*Śukla.* 7 ·13	5 ·60	6	8	Sat. 1	9 ·55	11 ·67	8
9	Sat. 2	9 ·75	2 ·69	7	9	Tues. 2	8 ·21	6 ·70	7	9	Sun. 2	10 ·54	12 ·69	9
10	Sun. 3	10 ·82	3 ·78	8	10	Wed. 3	9 ·30	7 ·80	8	10	Mon. 3	11 ·52	13 ·69	10
11	Mon. 4	11 ·90	4 ·89	9	11	Thur. 4	10 ·88	8 ·89	9	11	Tues. 4	12 ·47	14 ·66	11
12	Tues. 5	12 ·98	... ...	10	12	Fri. 5	11 ·44	9 ·96	10	12	Wed. 5	13 ·41	15 ·62	12
13	Wed. 6	... ...	5 ·00	11	13	Sat. 6	12 ·47	... ...	11	13	Thur. 6	14 ·33	16 ·57	13
14	Thur. 7	13 ·07	6 ·10	12	14	Sun. 7	13 ·49	10 ·01	12	14	Fri. 7	ℙ ·25	17 ·52	14
15	Fri. 8	14 ·15	7 ·20	13	15	Mon. 8	14 ·48	11 ·03	13	15	Sat. 8	1 ·15	18 ·45	15
16	Sat. 9	ℙ ·21	8 ·27	14	16	Tues. 9	ℙ ·45	12 ·04	14	16	Sun. 9	2 ·04	19 ·38	16
17	Sun. 10	1 ·26	9 ·33	15	17	Wed. 10	1 ·41	13 ·02	15			3 ·94		
18	Mon. 11	2 ·27	10 ·38	16	18	Thur. 11	2 ·35	14 ·00 / 15 ·96	16	17	Mon. 10	4 ·84	20 ·31	17
19	Tues. 12	3 ·27	11 ·39	17	19	Fri. 12	3 ·28	16 ·90	17	18	Tues. 11	5 ·74	21 ·24	18
20	Wed. 13	4 ·25	12 ·39	18	20	Sat. 13	4 ·19	17 ·83	18	19	Wed. 12	6 ·65	22 ·19	19
21	Thur. 14	5 ·21	13 ·37	19			5 ·09			20	Thur. 13	7 ·58	23 ·14	20
22	Fri. 15	6 ·15	14 ·33	20	21	Sun. 14	6 ·99	18 ·76	19	21	Fri. 14	8 ·52	24 ·11	21
23	Sat. 16	7 ·07 / 8 ·99	15 ·29	21	22	Mon. 15	7 ·89	19 ·70	20	22	Sat. 15	9 ·47	25 ·09	22
24	Sun. 17	9 ·90	16 ·23	22	23	Tues. 16	8 ·80	20 ·63	21	23	Sun. 16	10 ·45	26 ·03	23
25	Mon. 18	10 ·80	17 ·16	23	24	Wed. 17	9 ·71	21 ·57	22	24	Mon. 17	11 ·44	27 ·11	24
26	Tues. 19	11 ·70	18 ·09	24	25	Thur. 18	10 ·62	22 ·52	23	25	Tues. 18	12 ·47	1 ·16	25
27	Wed. 20	12 ·61	19 ·02 / 20 ·95	25	26	Fri. 19	11 ·54	23 ·47	24	26	Wed. 19	13 ·51	2 ·22	26
28	Thur. 21	13 ·52	21 ·90	26	27	Sat. 20	12 ·49	24 ·45	25	27	Thur. 20	14 ·56	3 ·29	27
29	Fri. 22	14 ·43	22 ·85	27	28	Sun. 21	13 ·45	25 ·44	26	28	Fri. 21	Ⱥ ·63	4 ·39	28
1	Sat. 23	Ⱥ ·36	23 ·81	28	29	Mon. 22	14 ·43	26 ·45	27	29	Sat. 22	1 ·71	5 ·49	29
2	Sun. 24	1 ·30	24 ·79	29	30	Tues. 23	Ⱥ ·42	27 ·48	28	30	Sun. 23	2 ·79	6 ·61	1
3	Mon. 25	2 ·26	25 ·79	1	1	Wed. 24	1 ·43	1 ·52	29	31	Mon. 24	3 ·87	7 ·71	2
4	Tues. 26	3 ·25	26 ·81	2	2	Thur. 25	2 ·47	2 ·61	1	1	Tues. 25	4 ·94	8 ·80	3
5	Wed. 27	4 ·25	27 ·85	3	3	Fri. 26	3 ·53	3 ·69	2	2	Wed. 26	5 ·99	9 ·88	4
6	Thur. 28	5 ·27	1 ·91	4	4	Sat. 27	4 ·61	4 ·79	3	3	Thur. 27	... ...	10 ·94	5
7	Fri. 29	6 ·31	2 ·99	5	5	Sun. 28	5 ·69	5 ·90	4	4	Fri. 28	6 ·03	11 ·99	6
8	Sat. 30	7 ·37	... ...	6	6	Mon. 29	6 ·78	... ...	5	5	Sat. 29	7 ·04	... ...	7
9	Sun. 31	8 ·45	3 ·08	7	7	Tues. 30	7 ·86	6 ·00	6	6	Sun. 30	8 ·03	12 ·01	8
	Feb.				8	Wed. 31	8 ·93	7 ·10	7	7	Mon. 31	9 ·00 / 10 ·96	13 ·01 / 14 ·99	9
10	Mon. 1	9 ·54	4 ·19	8		**April.**					**June.**			
11	Tues. 2	10 ·62	5 ·30	9	9	Thur. 1	9 ·99	8 ·20	8	8	Tues. 1	11 ·90	15 ·96	10
12	Wed. 3	11 ·71	6 ·40	10	10	Fri. 2	... ...	9 ·27	9	9	Wed. 2	12 ·82	16 ·92	11
13	Thur. 4	12 ·79	7 ·50	11	11	Sat. 3	10 ·02	10 ·32	10	10	Thur. 3	13 ·73	17 ·86	12
14	Fri. 5	13 ·85	8 ·58	12	12	Sun. 4	11 ·04	11 ·35	11	11	Fri. 4	14 ·63	18 ·79	13
15	Sat. 6	14 ·88	9 ·65	13	13	Mon. 5	12 ·03	12 ·36	12	12	Sat. 5	ℙ ·52	19 ·72	14
16	Sun. 7	ℙ ·89	10 ·69	14	14	Tues. 6	13 ·00 / 14 ·95	13 ·35	13	13	Sun. 6	1 ·42	20 ·65	15
17	Mon. 8	1 ·89	11 ·71	15	15	Wed. 7	ℙ ·89	14 ·32	14	14	Mon. 7	2 ·32	21 ·59	16
18	Tues. 9	2 ·86	12 ·71	16	16	Thur. 8	1 ·82	15 ·29	15	15	Tues. 8	3 ·22	22 ·53	17
19	Wed. 10	3 ·82	13 ·69	17	17	Fri. 9	2 ·73	16 ·24	16	16	Wed. 9	4 ·13	23 ·48	18
20	Thur. 11	4 ·77	14 ·67	18	18	Sat. 10	3 ·64	17 ·17	17	17	Thur. 10	5 ·06 / 6 ·99	24 ·44	19
21	Fri. 12	5 ·70	15 ·62	19	19	Sun. 11	4 ·54	18 ·11	18	18	Fri. 11	7 ·95	25 ·41	20
22	Sat. 13	6 ·61	16 ·56	20	20	Mon. 12	5 ·44	19 ·04 / 20 ·97	19	19	Sat. 12	8 ·93	26 ·41	21
23	Sun. 14	7 ·51	17 ·50	21						20	Sun. 13	9 ·93	27 ·43	22
24	Mon. 15	8 ·41	18 ·43	22	21	Tues. 13	6 ·33	21 ·91	20	21	Mon. 14	10 ·94	1 ·49	23
25	Tues. 16	9 ·31	19 ·36	23	22	Wed. 14	7 ·24	22 ·85	21	22	Tues. 15	11 ·98	2 ·52	24
26	Wed. 17	10 ·22	20 ·30	24	23	Thur. 15	8 ·15	23 ·81	22	23	Wed. 16	... ...	3 ·60	25
27	Thur. 18	11 ·13	21 ·23	25	24	Fri. 16	9 ·08	24 ·78	23	24	Thur. 17	12 ·04	4 ·69	26
28	Fri. 19	12 ·05 / 13 ·97	22 ·18	26	25	Sat. 17	10 ·02 / 11 ·97	25 ·76	24	25	Fri. 18	13 ·11	5 ·80	27
29	Sat. 20	14 ·91	23 ·14	27	26	Sun. 18	12 ·95	26 ·77	25	26	Sat. 19	14 ·19	6 ·91	28
30	Sun. 21	Ⱥ ·87	24 ·12	28	27	Mon. 19	13 ·94	27 ·79	26	27	Sun. 20	Ⱥ ·27	... ...	29
1	Mon. 22	1 ·85	25 ·12	29	28	Tues. 20	14 ·97	1 ·85	27	28	Mon. 21	1 ·35	7 ·01	30
2	Tues. 23	2 ·85	26 ·13	30	29	Wed. 21	... ...	2 ·91	28	29	Tues. 22	2 ·42	8 ·11	1
3	Wed. 24	3 ·87	27 ·16	1	30	Thur. 22	Ⱥ ·01	3 ·99	29	30	Wed. 23	3 ·47	9 ·19	2
4	Thur. 25	4 ·91	1 ·22	2	31	Fri. 23	1 ·06	... ...	30	31	Thur. 24	4 ·50	10 ·26	3
5	Fri. 26	5 ·97	2 ·29	3	1	Sat. 24	2 ·13	4 ·09	1	32	Fri. 25	5 ·51	11 ·30	4
6	Sat. 27	... ...	3 ·39	4	2	Sun. 25	3 ·21	5 ·19	2	1	Sat. 26	6 ·51	12 ·33	5
7	Sun. 28	6 ·05	4 ·49	5	3	Mon. 26	4 ·30	6 ·30	3	2	Sun. 27	7 ·48	13 ·34	6
					4	Tues. 27	5 ·38	7 ·41	4	3	Mon. 28	8 ·43	14 ·32	7
					5	Wed. 28	6 ·45	8 ·50	5	4	Tues. 29	9 ·37	15 ·30	8
					6	Thur. 29	7 ·50	9 ·58	6	5	Wed. 30	10 ·29	16 ·25	9
					7	Fri. 30	8 ·53	10 ·63	7					

Anala. **Makara—Tai.** *Kumbha—Māśi.* *Piṅgala.* **Mīna—Phālguna.** *Anala.* **Mēsha—Chittirai.** *Piṅgala.* **Vrishabha—Vaigāśi.** *Piṅgala.* **Mithuna—Āni.**

Śukla. **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Adhika Chaitra.** *Śukla.* **Nija-Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āsh.**

H. 531 *Rabi-ul ākhir.* H. 531 *Jamāda'l awwal.* H. 531 *Jamāda'l ākhir.* H. 531 *Rajab.* H. 531 *Sha'bā'n.* H. 531 *Ramazān.* H. 531 *Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1137. **Kollam 313,** { **N. Malabar—Aug.** **Hijra 532.** **Vikrama 1194.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 19.** **Bengal San. 543.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			11 ·20	17 ·18	10				P ·50	25 ·41	13				2 ·75	4 ·21	14
			12 ·10	18 ·13	11				1 ·45	26 ·39	14				3 ·83	5 ·29	15
			13 ·00	19 ·06	12				2 ·43	27 ·39	15				4 ·92	6 ·40	16
			14 ·90	20 ·99					3 ·43	1 ·41	16				... ...	7 ·51	17
			P ·80	21 ·93	13				4 ·46	2 ·46	17				5 ·01	8 ·62	18
			1 ·70	22 ·85	14				5 ·50	3 ·52	18				6 ·09	9 ·71	19
			2 ·62	23 ·81	15				6 ·55	4 ·60	19				7 ·16	10 ·80	20
			3 ·54	24 ·77	16				7 ·63	5 ·69	20				8 ·21	11 ·88	21
			4 ·47	25 ·74	17				8 ·71	6 ·80	21				9 ·25	12 ·92	22
			5 ·43	26 ·74	18				9 ·80	7 ·91	22				10 ·26	13 ·95	23
			6 ·41	27 ·75	19				10 ·88	... ...	23				11 ·27	14 ·96	24
			7 ·41	1 ·78	20				11 ·96	8 ·02	24				12 ·24	15 ·94	25
			8 ·42	2 ·83	21				... ...	9 ·11	25				13 ·20	16 ·92	26
			9 ·46	3 ·90	22				12 ·01	10 ·19	26				14 ·14	17 ·88	27
			10 ·52	... ...	23				13 ·04	11 ·25	27				A ·06	18 ·82	28
			11 ·59	4 ·00	24				14 ·06	12 ·28	28				1 ·98		
			12 ·67	5 ·10	25				A ·05	13 ·31	29				2 ·89	19 ·76	29
			13 ·76	6 ·20	26				1 ·03						3 ·79	20 ·69	1
			14 ·84	7 ·31	27				2 ·99	14 ·31	30				4 ·69	21 ·63	2
			A ·91	8 ·41	28				3 ·93	15 ·29	1				5 ·60	22 ·56	3
			1 ·96	9 ·50	29				4 ·85	16 ·25	2				6 ·51	23 ·50	4
			2 ·99	10 ·57	1				5 ·76	17 ·20	3				7 ·43	24 ·44	5
			... ...	11 ·62	2				6 ·67	18 ·15	4				8 ·36	25 ·40	6
			3 ·00	12 ·65	3				7 ·57	19 ·08	5				9 ·30	26 ·37	7
			4 ·99						8 ·47	20 ·01	6				10 ·26	27 ·36	8
			5 ·96	13 ·65	4					21 ·96					11 ·25	1 ·37	9
			6 ·92	14 ·62	5				9 ·37	22 ·87	7				12 ·25	2 ·40	10
			7 ·86	15 ·62	6				10 ·28	23 ·82	8				13 ·28	3 ·44	11
			8 ·78	16 ·59	7				11 ·20	24 ·77	9				14 ·33	4 ·51	12
			9 ·69	17 ·53	8				12 ·13	25 ·73	10				P ·39	5 ·61	13
			10 ·59	18 ·47	9				13 ·07	26 ·71	11				1 ·46	6 ·70	14
			11 ·49	19 ·39	10				14 ·03	27 ·71	12						
			12 ·39	20 ·34	11												
	Aug.						**Oct.**						**Dec.**				
			13 ·29	21 ·27	12				P ·01	1 ·73	13				2 ·55	7 ·81	15
			14 ·19	22 ·20	13				1 ·00	2 ·77	14				3 ·64	8 ·92	16
			P ·11	23 ·14	14				2 ·03	3 ·83	15				4 ·73	... ...	17
			1 ·04	24 ·10	15				3 ·07	4 ·90	16				5 ·80	9 ·02	18
			2 ·98						4 ·14	5 ·99	17				6 ·86	10 ·11	19
			3 ·93	25 ·08	16				5 ·22	... ...	18				7 ·89	11 ·19	20
			4 ·90	26 ·06	17				6 ·30	6 ·10	19				8 ·90	12 ·24	21
			5 ·90	27 ·07	18				7 ·39	7 ·21	20				9 ·91	13 ·27	22
			6 ·92	1 ·09	19				8 ·47	8 ·32	21				10 ·88	14 ·28	23
			7 ·97	2 ·14	20				9 ·54	9 ·41	22				11 ·84	15 ·28	24
			... ...	3 ·21	21				10 ·59	10 ·49	23				12 ·78	16 ·26	25
			8 ·03	4 ·30	22				11 ·63	11 ·56	24				13 ·71	17 ·21	26
			9 ·10	5 ·40	23				12 ·65	12 ·61	25				14 ·63	18 ·16	27
			10 ·18	6 ·50	24				13 ·64	13 ·63	26				A ·54	19 ·10	28
			11 ·27	7 ·61	25				14 ·62	14 ·63	27				1 ·44	20 ·03	29
			12 ·34	8 ·72	26				A ·58	15 ·62	28					21 ·96	
			13 ·41	9 ·81	27				1 ·52	16 ·58	29				2 ·34	22 ·90	30
			14 ·47	10 ·88	28				2 ·44	17 ·55	30				3 ·24	23 ·83	1
			A ·50	11 ·94	29				3 ·36	18 ·49	1				4 ·15	24 ·77	2
			1 ·52	12 ·97	30				4 ·26	19 ·42	2				5 ·07	25 ·73	3
			2 ·51	13 ·98	1				5 ·16	20 ·35	3				6 ·00	26 ·70	4
			3 ·48	14 ·98	2				6 ·08	21 ·28	4				7 ·95		
			4 ·43	15 ·96	3				7 ·96						8 ·91	27 ·69	5
			5 ·37	16 ·92	4				8 ·88	22 ·22	5				9 ·89	1 ·69	6
			6 ·30	17 ·87	5				9 ·80	23 ·16	6				10 ·90	2 ·71	7
			7 ·21	18 ·80	6				10 ·73	24 ·11	7				11 ·92	3 ·75	8
			8 ·11	19 ·75	7				11 ·67	25 ·06	8				12 ·97	4 ·83	9
			9 ·01	20 ·68	8				12 ·63	26 ·04	9				... ...	5 ·91	10
			10 ·91						13 ·62	27 ·03	10				13 ·03	... ...	11
			11 ·81	21 ·60	9				14 ·62	1 ·05	11				14 ·11	6 ·00	12
			12 ·71	22 ·54	10				P ·64	2 ·08	12				P ·20	7 ·10	13
			13 ·63	23 ·48	11				1 ·68	3 ·13	13				1 ·29	8 ·21	14
			14 ·56	24 ·44	12										2 ·37	9 ·33	15

Piṅgala. **Karkaṭaka—Ādi.** **Bhādr.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 531 *Shawwāl.* *Piṅgala.* **Kanyā—Purattāśi.** **Kārt.** *Śukla.* *Bahula.* *H.* 531 *Zī-l-ḥijja.* *Piṅgala.* **Tulā—Aippaśi.** *Śukla.* *Bahula.* *H.* 531 *Zī-l-ka'da.* *Piṅgala.* **Siṁha—Āvaṇi.** **Bhād.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 531 *Zī-l-ḥijja.* *Piṅgala.* **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 532 *Muḥarram.* *Piṅgala.* **Vṛśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* *H.* 532 *Ṣafar.* *Piṅgala.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 532 *Rabī-ul awwal.* **Pausha.** *Śukla.* *H.* 532 *Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1138. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·45.** **Śaka 1060.** **Kaliyuga 4239.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·40.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	3 ·44	10 ·42	16	8	Tues. 1	Phāl. 3 ·77	14 ·25	16	8	Sun. 1	Bahula. 5 ·45	21 ·67	18
9	Sun. 2	4 ·50	11 ·49	17	9	Wed. 2	4 ·75	15 ·26	17	9	Mon. 2	6 ·35	22 ·60	19
10	Mon. 3	5 ·54	12 ·55	18	10	Thur. 3	5 ·71	16 ·24	18	10	Tues. 3	7 ·25	23 ·53	20
11	Tues. 4	6 ·56	13 ·59	19	11	Fri. 4	6 ·66	17 ·22	19	11	Wed. 4	8 ·15	24 ·46	21
12	Wed. 5	7 ·55	14 ·61	20	12	Sat. 5	7 ·58	18 ·18	20	12	Thur. 5	9 ·05	25 ·40	22
13	Thur. 6	8 ·52	15 ·61	21	13	Sun. 6	8 ·49	19 ·12	21			10 ·97		
14	Fri. 7	9 ·48	16 ·59	22				20 ·05		13	Fri. 6	11 ·90	26 ·85	23
15	Sat. 8	10 ·42	17 ·55	23	14	Mon. 7	Bahula. 9 ·39	21 ·98	22	14	Sat. 7	12 ·83	27 ·33	24
16	Sun. 9	11 ·35	18 ·50	24	15	Tues. 8	10 ·29	22 ·91	23	15	Sun. 8	13 ·79	1 ·31	25
17	Mon. 10	12 ·27	19 ·44	25	16	Wed. 9	11 ·19	23 ·85	24	16	Mon. 9	14 ·77	2 ·31	26
18	Tues. 11	13 ·18	20 ·38	26	17	Thur. 10	12 ·09	24 ·79	25	17	Tues. 10	—A ·78	3 ·33	27
19	Wed. 12	14 ·08	21 ·31	27	18	Fri. 11	13 ·00	25 ·73	26	18	Wed. 11	1 ·79	4 ·37	28
		A ·98					14 ·92			19	Thur. 12	2 ·83	5 ·44	—29
20	Thur. 13	1 ·88	22 ·24	28	19	Sat. 12	—A ·85	26 ·68	27	20	Fri. 13	3 ·89	6 ·51	1
21	Fri. 14	2 ·79	23 ·17	—29	20	Sun. 13	1 ·79	27 ·66	28	21	Sat. 14	4 ·96	7 ·61	2
22	Sat. 15	3 ·71	24 ·11	1	21	Mon. 14	2 ·75	1 ·66	—29	22	Sun. 15	... ...	8 ·71	3
23	Sun. 16	4 ·64	25 ·07	2	22	Tues. 15	3 ·73	2 ·67	1	23	Mon. 16	5 ·04	9 ·82	4
24	Mon. 17	5 ·59	26 ·03	3	23	Wed. 16	4 ·72	3 ·70	2	24	Tues. 17	6 ·12	10 ·93	5
25	Tues. 18	6 ·55	27 ·01	4	24	Thur. 17	Sukla. 5 ·75	4 ·75	3	25	Wed. 18	7 ·21	... ...	6
26	Wed. 19	7 ·54	1 ·01	5	25	Fri. 18	6 ·79	5 ·82	4	26	Thur. 19	8 ·28	11 ·08	7
27	Thur. 20	8 ·53	2 ·03	6	26	Sat. 19	7 ·86	6 ·90	5	27	Fri. 20	9 ·33	12 ·10	8
28	Fri. 21	9 ·55	3 ·07	7	27	Sun. 20	8 ·93	... ...	6	28	Sat. 21	10 ·36	13 ·16	9
—29	Sat. 22	10 ·60	4 ·13	8	28	Mon. 21	... ...	7 ·01	7	29	Sun. 22	11 ·38	14 ·20	10
1	Sun. 23	11 ·67	5 ·21	9	29	Tues. 22	9 ·02	8 ·12	8	30	Mon. 23	12 ·36	15 ·23	11
2	Mon. 24	12 ·75	6 ·30	10	—30	Wed. 23	10 ·10	9 ·22	9	31	Tues. 24	13 ·33	16 ·23	12
3	Tues. 25	13 ·83	7 ·40	11	1	Thur. 24	11 ·18	10 ·32	10	—32	Wed. 25	14 ·28	17 ·21	13
4	Wed. 26	14 ·92	8 ·52	12	2	Fri. 25	12 ·24	11 ·41	11	1	Thur. 26	P ·21	18 ·18	14
5	Thur. 27	... ...	9 ·62	13	3	Sat. 26	13 ·29	12 ·49	12	2	Fri. 27	1 ·13	19 ·13	15
6	Fri. 28	P ·01	10 ·72	14	4	Sun. 27	Chaitra. 14 ·33	13 ·54	13	3	Sat. 28	2 ·04	20 ·07	16
7	Sat. 29	1 ·08	11 ·80	15	5	Mon. 28	P ·34	14 ·57	14			3 ·94		
8	Sun. 30	2 ·13	12 ·86	16	6	Tues. 29	1 ·34	15 ·58	15	4	Sun. 29	4 ·84	21 ·01	17
	Mon. 31	3 ·16	13 ·90	17	7	Wed. 30	2 ·31	16 ·57	16				22 ·94	
					8	Thur. 31	3 ·26	17 ·55	17	5	Mon. 30	5 ·74	23 ·87	18
									18	6	Tues. 31	6 ·64	24 ·80	19
	Feb.					**April.**					**June.**			
10	Tues. 1	4 ·19	14 ·92	18	9	Fri. 1	4 ·20	18 ·51		7	Wed. 1	7 ·54	25 ·74	20
11	Wed. 2	5 ·18	15 ·93	19	10	Sat. 2	5 ·12	19 ·46	19	8	Thur. 2	8 ·45	26 ·70	21
12	Thur. 3	6 ·16	16 ·91	20			6 ·04			9	Fri. 3	9 ·36	27 ·66	22
13	Fri. 4	7 ·11	17 ·88	21	11	Sun. 3	7 ·94	20 ·39	20	10	Sat. 4	10 ·32	1 ·63	23
		8 ·05					Bahula. 8 ·84	21 ·32		11	Sun. 5	11 ·28	2 ·63	24
14	Sat. 5	9 ·97	18 ·83	22	12	Mon. 4	9 ·74	22 ·26	21	12	Mon. 6	12 ·26	3 ·64	25
15	Sun. 6	10 ·89	19 ·78	23	13	Tues. 5	10 ·64	23 ·19	22	13	Tues. 7	13 ·26	4 ·69	26
16	Mon. 7	11 ·80	20 ·72	24	14	Wed. 6	11 ·54	24 ·13	23	14	Wed. 8	14 ·27	5 ·74	27
17	Tues. 8	12 ·70	21 ·65	25	15	Thur. 7	12 ·46	25 ·07	24	15	Thur. 9	—A ·31	6 ·82	28
18	Wed. 9	13 ·60	22 ·57	26	16	Fri. 8	13 ·39	26 ·02	25	16	Fri. 10	1 ·37	7 ·89	29
19	Thur. 10	14 ·50	23 ·51	27	17	Sat. 9	14 ·33	27 ·00	26	17	Sat. 11	2 ·44	... ...	—30
20	Fri. 11	—A ·41	24 ·45	28	18	Sun. 10		1 ·98	27	18	Sun. 12	3 ·52	8 ·01	1
21	Sat. 12	1 ·33	25 ·40	29	19	Mon. 11	—A ·29	2 ·99	28	19	Mon. 13	4 ·61	9 ·13	2
22	Sun. 13	2 ·26	26 ·36	—30	20	Tues. 12	1 ·27	... ...	29	20	Tues. 14	5 ·69	10 ·22	3
23	Mon. 14	3 ·20	27 ·34	1	21	Wed. 13	2 ·26	3 ·01	—30	21	Wed. 15	6 ·75	11 ·33	4
24	Tues. 15	4 ·16	1 ·33	2	22	Thur. 14	3 ·28	4 ·06	1	22	Thur. 16	7 ·80	12 ·41	5
25	Wed. 16	5 ·15	2 ·35	3	23	Fri. 15	4 ·32	5 ·12	2	23	Fri. 17	8 ·84	13 ·47	6
26	Thur. 17	6 ·14	3 ·38	4	24	Sat. 16	5 ·39	6 ·21	3	24	Sat. 18	9 ·85	14 ·53	7
27	Fri. 18	7 ·17	4 ·44	5	25	Sun. 17	6 ·47	7 ·31	4	25	Sun. 19	10 ·83	15 ·55	8
28	Sat. 19	8 ·22	5 ·51	6	26	Mon. 18	7 ·55	8 ·41	5	26	Mon. 20	11 ·80	16 ·56	9
29	Sun. 20	9 ·29	6 ·60	7	27	Tues. 19	8 ·63	9 ·52	6	27	Tues. 21	12 ·75	17 ·54	10
—30	Mon. 21	10 ·36	7 ·71	8	28	Wed. 20	9 ·71	10 ·62	7	28	Wed. 22	13 ·68	18 ·51	11
1	Tues. 22	11 ·44	8 ·82	9	29	Thur. 21	10 ·78	11 ·72	8	29	Thur. 23	14 ·61	19 ·46	12
2	Wed. 23	12 ·53	9 ·92	10	30	Fri. 22	11 ·83	12 ·80	9	30	Fri. 24	P ·52	20 ·41	13
3	Thur. 24	13 ·61	... ...	11	—31	Sat. 23	12 ·87	13 ·85	10	—31	Sat. 25	1 ·42	21 ·35	14
4	Fri. 25	14 ·68	10 ·02	12	1	Sun. 24	13 ·87	14 ·89	11	1	Sun. 26	2 ·32	22 ·28	15
5	Sat. 26	P ·73	11 ·10	13	2	Mon. 25	14 ·86	15 ·90	12	2	Mon. 27	3 ·22	23 ·21	16
6	Sun. 27	1 ·77	12 ·17	14	3	Tues. ○26	P ·83	16 ·91	13	3	Tues. 28	4 ·12	24 ·14	17
7	Mon. 28	2 ·78	13 ·23	15	4	Wed. 27	1 ·79	17 ·88	14	4	Wed. 29	5 ·02	25 ·08	18
					5	Thur. 28	2 ·72	18 ·84	15			6 ·93		
					6	Fri. 29	3 ·64	19 ·79	16	5	Thur. 30	7 ·85	26 ·03	19
					7	Sat. 30	4 ·55	20 ·78	17				27 ·99	

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1138. **Kollam 314,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 533.** Commences **Sep. 8.** **Vikrama 1195.** **Bengal San. 544.** **(M. Cycle) Durmati.**

A—Amāvāsyā. **P—Paurnimā.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Kálayukta. **Karkaṭaka—Ādi.** 6	Fri. 1	*Balava.* 8 ·79	1 ·96	20
7	Sat. 2	9 ·75	2 ·95	21
8	Sun. 3	10 ·74	3 ·97	22
9	Mon. 4	11 ·73	:: ::	23
10	Tues. 5	12 ·75	4 ·00	24
11	Wed. 6	13 ·79	5 ·05	25
12	Thur. 7	14 ·84	6 ·12	26
13	Fri. 8	—**A** ·92	7 ·21	27
14	Sat. 9	:: ::	8 ·32	28
15	Sun. 10	1 ·00	9 ·42	—29
16	Mon. 11	2 ·09	10 ·53	1
17	Tues. 12	3 ·17	11 ·63	2
18	Wed. 13	4 ·24	12 ·71	3
19	Thur. 14	5 ·29	13 ·78	4
20	Fri. 15	*Sukla.* 6 ·32	14 ·84	5
21	Sat. 16	7 ·33	15 ·87	6
22	Sun. 17	8 ·31	16 ·88	7
23	Mon. 18	9 ·29	17 ·87	8
24	Tues. 19	10 ·24	18 ·84	9
25	Wed. 20	11 ·17	19 ·80	10
26	Thur. 21	12 ·09	20 ·75	11
27	Fri. 22	13 ·00 / 14 ·90	21 ·69	12
28	Sat. 23	**P** ·80	22 ·62	13
29	Sun. 24	1 ·70	23 ·55	14
30	Mon. 25	2 ·60	24 ·49	15
31	Tues. 26	3 ·51	25 ·41	16
—32	Wed. 27	4 ·42	26 ·36	17
1	Thur. 28	5 ·34	27 ·32	18
2	Fri. 29	6 ·28	1 ·29	19
3	Sat. 30	7 ·24	2 ·28	20
4	Sun. 31	8 ·23	3 ·29	21
	Aug.			
Kálayukta. **Simha—Avani.** 5	Mon. 1	*Balava.* 9 ·23	4 ·31	22
6	Tues. 2	10 ·24	5 ·36	23
7	Wed. 3	11 ·28	6 ·43	24
8	Thur. 4	12 ·35	7 ·52	25
9	Fri. 5	13 ·42	8 ·62	26
10	Sat. 6	14 ·50	9 ·72	27
11	Sun. 7	—**A** ·58	10 ·83	28
12	Mon. 8	1 ·66	11 ·93	29
13	Tues. 9	2 ·74	... ...	—30
14	Wed. 10	3 ·79	12 ·02	1
15	Thur. 11	4 ·83	13 ·10	2
16	Fri. 12	*Sukla.* 5 ·84	14 ·16	3
17	Sat. 13	6 ·82	15 ·21	4
18	Sun. 14	7 ·79	16 ·20	5
19	Mon. 15	8 ·74	17 ·19	6
20	Tues. 16	9 ·68	18 ·18	7
21	Wed. 17	10 ·60	19 ·14	8
22	Thur. 18	11 ·52	20 ·08	9
23	Fri. 19	**Bhādrapada.** 12 ·42	21 ·02 / 22 ·95	10
24	Sat. 20	13 ·32	23 ·89	11
25	Sun. 21	14 ·21	24 ·82	12
26	Mon. 22	**P** ·11	25 ·76	13
27	Tues. 23	1 ·02 / 2 ·93	26 ·70	14
28	Wed. 24	3 ·86	27 ·65	15
29	Thur. 25	4 ·80	1 ·63	16
30	Fri. 26	*Balava.* 5 ·77	2 ·61	17
—31	Sat. 27	6 ·75	3 ·61	18
1	Sun. 28	7 ·76	4 ·63	19
2	Mon. 29	8 ·78	5 ·67	20
3	Tues. 30	9 ·82	6 ·73	21
4	Wed. 31	10 ·88	7 ·82	22

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Kálayukta. **Kanyā—Puraṭṭāsi.** 5	Thur. 1	11 ·95	8 ·92	23
6	Fri. 2	:: ::	:: ...	24
7	Sat. 3	12 ·03	9 ·02	25
8	Sun. 4	18 ·12	10 ·13	26
9	Mon. 5	14 ·20	11 ·23	27
10	Tues. 6	—**A** ·27	12 ·33	28
11	Wed. 7	1 ·32	13 ·41	—29
12	Thur. 8	2 ·36	14 ·47	1
13	Fri. 9	3 ·37	15 ·51	2
14	Sat. 10	4 ·36	16 ·52	3
15	Sun. 11	5 ·33	17 ·53	4
16	Mon. 12	*Sukla.* 6 ·29	18 ·51	5
17	Tues. 18	7 ·22	19 ·47	6
18	Wed. 14	8 ·14	20 ·42	7
19	Thur. 15	9 ·06 / 10 ·96	21 ·36	8
20	Fri. 16	11 ·86	22 ·30	9
21	Sat. 17	12 ·76	23 ·23	10
22	Sun. 18	13 ·66	24 ·16	11
23	Mon. 19	14 ·57	25 ·09	12
24	Tues. 20	**Āśvina.** **P** ·49	26 ·03 / 27 ·99	13
25	Wed. 21	1 ·41	1 ·95	14
26	Thur. 22	2 ·36	2 ·93	15
27	Fri. 23	3 ·33	3 ·93	16
28	Sat. 24	4 ·31	4 ·94	17
29	Sun. 25	*Balava.* 5 ·32	5 ·98	18
—30	Mon. 26	6 ·34	:: ...	19
1	Tues. 27	7 ·38	6 ·05	20
2	Wed. 28	8 ·44	7 ·12	21
3	Thur. 29	9 ·51	8 ·22	22
4	Fri. 30	10 ·60	9 ·32	23
	Oct.			
Kálayukta. **Tulā—Āppāśi.** 5	Sat. 1	11 ·69	10 ·42	24
6	Sun. 2	12 ·77	11 ·54	25
7	Mon. 3	13 ·84	12 ·63	26
8	Tues. 4	14 ·90	13 ·71	27
9	Wed. 5	—**A** ·94	14 ·78	28
10	Thur. 6	1 ·96	15 ·82	29
11	Fri. 7	2 ·94	16 ·85	—30
12	Sat. 8	3 ·91	17 ·85	1
13	Sun. 9	*Sukla.* 4 ·87	18 ·84	2
14	Mon. 10	5 ·81	19 ·80	3
15	Tues. 11	6 ·73	20 ·76	4
16	Wed. 12	7 ·64	21 ·71	5
17	Thur. 13	8 ·55	22 ·64	6
18	Fri. 14	9 ·45	23 ·57	7
19	Sat. 15	10 ·35	24 ·50	8
20	Sun. 16	11 ·25	25 ·43	9
21	Mon. 17	12 ·16	26 ·37	10
22	Tues. 18	13 ·08	27 ·32	11
23	Wed. ○ 19	**Kārttika.** 14 ·01 / **P** ·96	1 ·28	12
24	Thur. 20	1 ·92	2 ·26	13
25	Fri. 21	2 ·90	3 ·25	14
26	Sat. 22	3 ·91	4 ·26	15
27	Sun. 23	4 ·94	5 ·30	16
28	Mon. 24	*Balava.* 5 ·99	6 ·35	17
29	Tues. 25	:: ...	7 ·43	18
—30	Wed. 26	6 ·05	8 ·52	19
1	Thur. 27	7 ·13	9 ·62	20
2	Fri. 28	8 ·21	10 ·73	21
3	Sat. 29	9 ·30	11 ·84	22
4	Sun. 30	10 ·38	12 ·94	23
5	Mon. 31	11 ·45	... ...	24

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Kálayukta. **Vṛiśchika—Kārttigai.** 6	Tues. 1	12 ·51	13 ·02	25
7	Wed. 2	13 ·55	14 ·09	26
8	Thur. 3	14 ·57	15 ·14	27
9	Fri. 4	—**A** ·55	16 ·17	28
10	Sat. 5	1 ·53	17 ·16	—29
11	Sun. 6	2 ·49	18 ·17	1
12	Mon. 7	3 ·43	19 ·13	2
13	Tues. 8	*Sukla.* 4 ·35	20 ·10	3
14	Wed. 9	5 ·26	21 ·04 / 22 ·98	4
15	Thur. 10	6 ·17	23 ·91	5
16	Fri. 11	7 ·07 / 8 ·97	24 ·84	6
17	Sat. 12	9 ·87	25 ·77	7
18	Sun. 13	10 ·79	26 ·72	8
19	Mon. 14	11 ·71	27 ·66	9
20	Tues. 15	12 ·63	1 ·62	10
21	Wed. 16	13 ·58	2 ·58	11
22	Thur. 17	14 ·55	3 ·57	12
23	Fri. 18	**P** ·54	4 ·58	13
24	Sat. 19	1 ·54	5 ·62	14
25	Sun. 20	2 ·57	6 ·66	15
26	Mon. 21	3 ·62	7 ·73	16
27	Tues. 22	4 ·68	8 ·82	17
28	Wed. 23	5 ·76	9 ·92	18
29	Thur. 24	6 ·84	... ...	19
—30	Fri. 25	*Balava.* 7 ·94	10 ·03	20
1	Sat. 26	:: ...	11 ·14	21
2	Sun. 27	8 ·02	12 ·24	22
3	Mon. 28	9 ·09	13 ·33	23
4	Tues. 29	10 ·15	14 ·41	24
5	Wed. 30	11 ·18	15 ·46	25
	Dec.			
Kálayukta. **Dhanus—Mārgali.** 6	Thur. 1	12 ·20	16 ·49	26
7	Fri. 2	13 ·19	17 ·50	27
8	Sat. 3	14 ·17	18 ·49	28
9	Sun. 4	—**A** ·12	19 ·45	29
10	Mon. 5	1 ·06 / 2 ·98	20 ·43	—30
11	Tues. 6	3 ·89	21 ·38	1
12	Wed. 7	4 ·80	22 ·32	2
13	Thur. 8	*Sukla.* 5 ·71	23 ·25	3
14	Fri. 9	6 ·61	24 ·18	4
15	Sat. 10	7 ·51	25 ·12	5
16	Sun. 11	8 ·43	26 ·05 / 27 ·99	6
17	Mon. 12	9 ·35	1 ·95	7
18	Tues. 13	10 ·28	2 ·91	8
19	Wed. 14	11 ·23	3 ·91	9
20	Thur. 15	12 ·19	4 ·91	10
21	Fri. 16	13 ·18	5 ·93	11
22	Sat. 17	14 ·18	6 ·97	12
23	Sun. 18	**Pausha.** **P** ·22	:: ..	13
24	Mon. 19	1 ·26	7 ·04	14
25	Tues. 20	2 ·32	8 ·13	15
26	Wed. 21	3 ·40	9 ·23	16
27	Thur. 22	4 ·49	10 ·33	17
28	Fri. 23	5 ·58	11 ·43	18
—29	Sat. 24	*Balava.* 6 ·66	12 ·54	19
1	Sun. 25	7 ·74	13 ·63	20
2	Mon. 26	8 ·80	14 ·71	21
3	Tues. 27	9 ·84	15 ·77	22
4	Wed. 28	10 ·85	16 ·81	23
5	Thur. 29	11 ·84	17 ·82	24
6	Fri. 30	12 ·81	18 ·82	25
7	Sat. 31	13 ·77	19 ·80	26

H. 532 Shawwál. — *H. 532 Zi-l-ka'da.* — *H. 533 Muharram.* — *H. 533 Safar.* — *H. 533 Rabí-ul awwal.* — *H. 533 Rabí-ul ákhir.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1139. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·71.** **Śaka 1061.** **Kaliyuga 4240.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·66.** **(S. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sun.	1	14 ·71	20 ·77	27	8	Wed.	1	14 ·58	24 ·20	27	7	Mon.	1	1 ·15	4 ·53	—29
9	Mon.	2	—**A** ·63	21 ·72	28	9	Thur.	2	—**A** ·48	25 ·13	28	8	Tues.	2	2 ·11	5 ·53	1
10	Tues.	3	1 ·55	22 ·65	—29	10	Fri.	3	1 ·38	26 ·06	—29	9	Wed.	3	3 ·10	6 ·55	2
11	Wed.	4	2 ·45	23 ·59	1	11	Sat.	4	2 ·29	27 ·00 / 1 ·95	1	10	Thur.	4	4 ·09	7 ·59	3
12	Thur.	5	3 ·35	24 ·53	2							11	Fri.	5	5 ·12	8 ·65	4
13	Fri.	6	4 ·25	25 ·46	3	12	Sun.	5	3 ·21	2 ·92	2	12	Sat.	6	6 ·16	9 ·74	5
14	Sat.	7	5 ·16	26 ·39	4	13	Mon.	6	4 ·14	3 ·88	3	13	Sun.	7	7 ·22	10 ·83	6
15	Sun.	8	6 ·07 / 7 ·99	27 ·33	5	14	Tues.	7	5 ·09	4 ·87	4	14	Mon.	8	8 ·29	11 ·93	7
16	Mon.	9	8 ·92	1 ·28	6	15	Wed.	8	6 ·05	5 ·88	5	15	Tues.	9	9 ·37	... ...	8
17	Tues.	10	9 ·87	2 ·25	7	16	Thur.	9	7 ·03	6 ·92	6	16	Wed.	10	10 ·46	12 ·05	9
18	Wed.	11	10 ·84	3 ·23	8	17	Fri.	10	8 ·04	7 ·97	7	17	Thur.	11	11 ·54	13 ·14	10
19	Thur.	12	11 ·82	4 ·23	9	18	Sat.	11	9 ·06	... ...	8	18	Fri.	12	12 ·60	14 ·25	11
20	Fri.	13	12 ·83	5 ·25	10	19	Sun.	12	10 ·11	8 ·04	9	19	Sat.	13	13 ·65	15 ·32	12
21	Sat.	14	13 ·86	6 ·28	11	20	Mon.	13	11 ·17	9 ·12	10	20	Sun.	14	14 ·69	16 ·38	13
22	Sun.	15	14 ·90	7 ·35	12	21	Tues.	14	12 ·25	10 ·22	11	21	Mon.	15	**P** ·69	17 ·42	14
23	Mon.	16	**P** ·97	8 ·43	13	22	Wed.	15	13 ·33	11 ·34	12	22	Tues.	16	1 ·67	18 ·44	15
24	Tues.	17	... ...	9 ·52	14	23	Thur.	16	14 ·41	12 ·44	13	23	Wed.	17	2 ·65	19 ·44	16
25	Wed.	18	1 ·05	10 ·62	15	24	Fri.	17	**P** ·49	13 ·54	14	24	Thur.	18	3 ·60	20 ·43	17
26	Thur.	19	2 ·14	11 ·73	16	25	Sat.	18	1 ·56	14 ·64	15	25	Fri.	19	4 ·53	21 ·39	18
27	Fri.	20	3 ·23	12 ·84	17	26	Sun.	19	2 ·62	15 ·70	16	26	Sat.	20	5 ·45	22 ·35	19
28	Sat.	21	4 ·31	13 ·94	18	27	Mon.	20	3 ·65	16 ·76	17	27	Sun.	21	6 ·36	23 ·29	20
29	Sun.	22	5 ·38	... ...	19	28	Tues.	21	4 ·67	17 ·79	18	28	Mon.	22	7 ·26	24 ·22	21
—30	Mon.	23	6 ·43	14 ·02	20	29	Wed.	22	5 ·65	18 ·80	19	29	Tues.	23	8 ·15	25 ·16	22
1	Tues.	24	7 ·47	15 ·08	21	30	Thur.	23	6 ·62	19 ·79	20				9 ·05		
2	Wed.	25	8 ·48	16 ·12	22	—31	Fri.	24	7 ·57	20 ·76	21	30	Wed.	24	10 ·95	26 ·09	23
3	Thur.	26	9 ·47	17 ·14	23	1	Sat.	25	8 ·50	21 ·73	22					27 ·02	
4	Fri.	27	10 ·44	18 ·15	24	2	Sun.	26	9 ·43	22 ·67	23	—31	Thur.	25	11 ·85	1 ·96	24
5	Sat.	28	11 ·40	19 ·13	25	3	Mon.	27	10 ·34	23 ·61	24	1	Fri.	26	12 ·77	2 ·91	25
6	Sun.	29	12 ·34	20 ·10	26	4	Tues.	28	11 ·24	24 ·54	25	2	Sat.	27	13 ·70	3 ·88	26
7	Mon.	30	13 ·26	21 ·05 / 22 ·99	27	5	Wed.	29	12 ·14	25 ·48	26	3	Sun.	28	14 ·64	4 ·85	27
8	Tues.	31	14 ·17	23 ·93	28	6	Thur.	30	13 ·04 / 14 ·94	26 ·40	27	4	Mon.	29	—**A** ·60	5 ·85	28
		Feb.				7	Fri.	31	—**A** ·84	27 ·34	28	5	Tues.	30	1 ·58	6 ·86	29
								April.				6	Wed.	31	2 ·58	7 ·90	—30
9	Wed.	1	**A** ·08 / 1 ·99	24 ·86	29	8	Sat.	1	1 ·76	1 ·28	29						
10	Thur.	2	2 ·89	25 ·79	—30	9	Sun.	2	2 ·69	2 ·24	—30			**June.**			
11	Fri.	3	3 ·79	26 ·72	1	10	Mon.	3	3 ·64	3 ·21	1	7	Thur.	1	3 ·61	8 ·96	1
12	Sat.	4	4 ·69	27 ·66	2	11	Tues.	4	4 ·60	4 ·19	2	8	Fri.	2	4 ·65	... ...	2
13	Sun.	5	5 ·61	1 ·61	3	12	Wed.	5	5 ·58	5 ·21	3	9	Sat.	3	5 ·71	9 ·04	3
14	Mon.	6	6 ·55	2 ·58	4	13	Thur.	6	6 ·58	6 ·23	4	10	Sun.	4	6 ·78	10 ·13	4
15	Tues.	7	7 ·49	3 ·56	5	14	Fri.	7	7 ·60	7 ·28	5	11	Mon.	5	7 ·86	11 ·23	5
16	Wed.	8	8 ·46	4 ·55	6	15	Sat.	8	8 ·65	8 ·34	6	12	Tues.	6	8 ·94	12 ·34	6
17	Thur.	9	9 ·44	5 ·56	7	16	Sun.	9	9 ·71	9 ·42	7	13	Wed.	7	... ...	13 ·45	7
18	Fri.	10	10 ·45	6 ·60	8	17	Mon.	10	10 ·79	10 ·53	8	14	Thur.	8	9 ·02	14 ·55	8
19	Sat.	11	11 ·48	7 ·66	9	18	Tues.	11	11 ·87	11 ·64	9	15	Fri.	9	10 ·08	15 ·63	9
20	Sun.	12	12 ·53	8 ·73	10	19	Wed.	12	12 ·96	12 ·74	10	16	Sat.	10	11 ·13	16 ·69	10
21	Mon.	13	13 ·59	9 ·82	11	20	Thur.	13	... ...	13 ·84	11	17	Sun.	11	12 ·17	17 ·74	11
22	Tues.	14	14 ·66	10 ·92	12	21	Fri.	14	13 ·03	14 ·93	12	18	Mon.	12	13 ·17	18 ·76	12
23	Wed.	15	**P** ·75	... ...	13	22	Sat.	15	14 ·10	... ...	13	19	Tues.	13	14 ·16	19 ·78	13
24	Thur.	16	1 ·84	11 ·08	14	23	Sun. ○	16	**P** ·15	15 ·02	14	20	Wed.	14	**P** ·13	20 ·76	14
25	Fri.	17	2 ·92	12 ·14	15	24	Mon.	17	1 ·18	16 ·07	15	21	Thur.	15	1 ·08	21 ·73	15
26	Sat.	18	3 ·99	13 ·24	16	25	Tues.	18	2 ·20	17 ·11	16	22	Fri.	16	2 ·01 / 3 ·92	22 ·68	16
27	Sun.	19	... ...	14 ·33	17	26	Wed.	19	3 ·18	18 ·12	17	23	Sat.	17	4 ·83	23 ·62	17
28	Mon.	20	4 ·05	15 ·39	18	27	Thur.	20	4 ·15	19 ·12	18	24	Sun.	18	5 ·73	24 ·57	18
—29	Tues.	21	5 ·08	16 ·44	19	28	Fri.	21	5 ·10	20 ·10	19	25	Mon.	19	6 ·63	25 ·50	19
1	Wed.	22	6 ·09	17 ·45	20	29	Sat.	22	6 ·03 / 7 ·95	21 ·06	20	26	Tues.	20	7 ·53	26 ·43	20
2	Thur.	23	7 ·08	18 ·48	21					22 ·01		27	Wed.	21	8 ·43	27 ·36	21
3	Fri.	24	8 ·05	19 ·46	22	30	Sun.	23	8 ·86	23 ·95	21	28	Thur.	22	9 ·33	1 ·29	22
4	Sat.	25	9 ·00 / 10 ·94	20 ·43	23	—31	Mon.	24	9 ·76	24 ·88	22	29	Fri.	23	10 ·24	2 ·25	23
5	Sun.	26	11 ·87	21 ·39	24	1	Tues.	25	10 ·66	25 ·81	23	30	Sat.	24	11 ·17	3 ·21	24
6	Mon.	27	12 ·78	22 ·34	25	2	Wed.	26	11 ·56	26 ·75	24	31	Sun.	25	12 ·11	4 ·18	25
7	Tues.	28	18 ·68	23 ·27	26	3	Thur.	27	12 ·46	27 ·68	25	—32	Mon.	26	13 ·08	5 ·17	26
						4	Fri.	28	13 ·37	1 ·62	26	1	Tues.	27	14 ·06	6 ·18	27
						5	Sat.	29	14 ·28	2 ·57	27	2	Wed.	28	—**A** ·06	7 ·22	28
						6	Sun.	30	—**A** ·20	3 ·54	28	3	Thur.	29	1 ·08	8 ·27	—29
												4	Fri.	30	2 ·12	9 ·34	1

Kilayukta. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Kilayukta.* **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.* *H. 533 Jamādu'l awwal.* *Kilayukta.* **Mīna—Pāṅguni.** *Siddhārtin.* **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H. 533 Rajab.* *Siddhārtin.* **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 533 Ramazān.* *Siddhārtin.* **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H. 533 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1139. **Kollam 315,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 534.** **Vikrama 1196.**
A—Amāvāsyā. Commences Commences **Aug. 28.** **Bengal San. 545.**
P—Paurnimā. **(N. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sat.	1	3 ·18	10 ·43	2	5	Fri.	1	6 ·67	17 ·69	5	6	Wed.	1	8 ·63	23 ·31	7
6	Sun.	2	4 ·25	11 ·53	3	6	Sat.	2	7 ·68	18 ·73	6	7	Thur.	2	9 ·55	24 ·26	8
7	Mon.	3	5 ·34	12 ·63	4	7	Sun.	3	8 ·66	19 ·74	7	8	Fri.	3	10 ·45	25 ·20	9
8	Tues.	4	6 ·42	13 ·75	5	8	Mon.	4	9 ·68	20 ·74	8	9	Sat.	4	11 ·35	26 ·18	10
9	Wed.	5	7 ·50	14 ·85	6	9	Tues.	5	10 ·58	21 ·73	9					27 ·06	
10	Thur.	6	8 ·56	15 ·94	7	10	Wed.	6	11 ·52	22 ·69	10	10	Sun.	5	12 ·25	1 ·99	11
11	Fri.	7	9 ·62	... ...	8	11	Thur.	7	12 ·44	23 ·64	11	11	Mon.	6	13 ·15	2 ·92	12
12	Sat.	8	10 ·64	16 ·00	9	12	Fri.	8	13 ·35	24 ·58	12				14 ·06		
13	Sun.	9	11 ·65	17 ·05	10	13	Sat.	9	14 ·26	25 ·51	13	12	Tues.	7	P ·98	3 ·87	13
14	Mon.	10	12 ·64	18 ·09	11	14	Sun.	10	P ·16	26 ·44	14	13	Wed.	8	1 ·92	4 ·88	14
15	Tues.	11	13 ·61	19 ·10	12				1 ·06			14	Thur.	9	2 ·87	5 ·80	15
16	Wed.	12	14 ·56	20 ·09	13	15	Mon.	11	2 ·96	27 ·38	15	15	Fri.	10	3 ·84	6 ·79	16
17	Thur.	13	P ·49	21 ·06	14	16	Tues.	12	3 ·87	1 ·31	16	16	Sat.	11	4 ·82	7 ·80	17
				22 ·01		17	Wed.	13	4 ·78	2 ·25	17	17	Sun.	12	5 ·83	8 ·84	18
18	Fri.	14	1 ·41	23 ·97	15	18	Thur.	14	5 ·71	3 ·20	18	18	Mon.	13	6 ·86	9 ·89	19
19	Sat.	15	2 ·31	24 ·91	16	19	Fri.	15	6 ·66	4 ·16	19	19	Tues.	14	7 ·91	10 ·95	20
20	Sun.	16	3 ·21	25 ·84	17	20	Sat.	16	7 ·62	5 ·15	20	20	Wed.	15	8 ·97	... ...	21
21	Mon.	17	4 ·11	26 ·76	18	21	Sun.	17	8 ·61	6 ·14	21	21	Thur.	16	... ...	11 ·04	22
			5 ·01			22	Mon.	18	9 ·61	7 ·16	22	22	Fri.	17	9 ·05	12 ·13	23
22	Tues.	18	6 ·91	27 ·70	19	23	Tues.	19	10 ·64	8 ·20	23	23	Sat.	18	10 ·15	13 ·25	24
23	Wed.	19	7 ·81	1 ·64	20	24	Wed.	20	11 ·68	9 ·26	24	24	Sun.	19	11 ·23	14 ·36	25
24	Thur.	20	8 ·73	2 ·58	21	25	Thur.	21	12 ·74	10 ·34	25	25	Mon.	20	12 ·31	15 ·46	26
25	Fri.	21	9 ·66	3 ·54	22	26	Fri.	22	13 ·82	11 ·44	26	26	Tues.	21	13 ·38	16 ·54	27
26	Sat.	22	10 ·60	4 ·51	23	27	Sat.	23	14 ·91	12 ·54	27	27	Wed.	22	14 ·44	17 ·62	28
27	Sun.	23	11 ·56	5 ·49	24	28	Sun.	24	... ...	13 ·64	28	28	Thur.	23	—A ·47	18 ·67	29
28	Mon.	24	12 ·54	6 ·50	25	29	Mon.	25	—A ·00	14 ·75	29	29	Fri.	24	1 ·48	19 ·71	—30
29	Tues.	25	13 ·55	7 ·53	26	30	Tues.	26	1 ·08	15 ·85	—30	30	Sat.	25	2 ·48	20 ·72	1
30	Wed.	26	14 ·57	8 ·58	27	—31	Wed.	27	2 ·15	16 ·94	1	1	Sun.	26	3 ·45	21 ·71	2
—31	Thur.	27	—A ·61	9 ·65	28	1	Thur.	28	3 ·20	... ...	2	2	Mon.	27	4 ·40	22 ·68	3
1	Fri.	28	1 ·67	10 ·73	29	2	Fri.	29	4 ·24	17 ·00	3	3	Tues.	28	5 ·34	23 ·64	4
2	Sat.	29	2 ·75	11 ·83	—30	3	Sat.	30	5 ·25	18 ·04	4	4	Wed.	29	6 ·26	24 ·60	5
3	Sun.	30	3 ·83	12 ·94	1							5	Thur.	30	7 ·18	25 ·54	6
4	Mon.	31	4 ·92	... ...	2												
	Aug.						**Oct.**						**Dec.**				
5	Tues.	1	... ...	13 ·05	3	4	Sun.	1	6 ·23	19 ·06	5	6	Fri.	1	8 ·09	26 ·47	7
6	Wed.	2	5 ·00	14 ·15	4	5	Mon.	2	7 ·21	20 ·07	6				9 ·99		
7	Thur.	3	6 ·06	15 ·24	5	6	Tues.	3	8 ·16	21 ·06	7	7	Sat.	2	10 ·89	27 ·40	8
8	Fri.	4	7 ·11	16 ·31	6					22 ·02		8	Sun.	3	11 ·79	1 ·83	9
9	Sat.	5	8 ·14	17 ·38	7	7	Wed.	4	9 ·09	23 ·97	8	9	Mon.	4	12 ·70	2 ·27	10
10	Sun.	6	9 ·16	18 ·41	8				10 ·02			10	Tues.	5	13 ·63	3 ·21	11
11	Mon.	7	10 ·14	19 ·42	9	8	Thur.	5	11 ·94	24 ·92	9	11	Wed.	6	14 ·56	4 ·17	12
12	Tues.	8	11 ·10	20 ·41	10	9	Fri.	6	12 ·84	25 ·85	10	12	Thur.	7	P ·51	5 ·13	13
			12 ·06			10	Sat.	7	13 ·74	26 ·79	11	13	Fri.	8	1 ·48	6 ·12	14
13	Wed.	9	13 ·99	21 ·37	11	11	Sun.	8	14 ·64	27 ·72	12	14	Sat.	9	2 ·46	7 ·18	15
14	Thur.	10	14 ·91	22 ·36	12	12	Mon.	9	P ·54	1 ·65	13	15	Sun.	10	3 ·47	8 ·15	16
15	Fri.	11	P ·82	23 ·30	13	13	Tues.	10	1 ·45	2 ·59	14	16	Mon.	11	4 ·50	9 ·19	17
16	Sat.	12	1 ·72	24 ·24	14	14	Wed.	11	2 ·37	3 ·54	15	17	Tues.	12	5 ·55	10 ·26	18
17	Sun.	13	2 ·62	25 ·17	15	15	Thur.	12	3 ·30	4 ·50	16	18	Wed.	13	6 ·62	11 ·34	19
18	Mon.	14	3 ·52	26 ·10	16	16	Fri.	13	4 ·25	5 ·48	17	19	Thur.	14	7 ·70	12 ·43	20
				27 ·04		17	Sat.	14	5 ·21	6 ·47	18	20	Fri.	15	8 ·79	13 ·54	21
19	Tues.	15	4 ·42	1 ·98	17	18	Sun.	15	6 ·20	7 ·48	19	21	Sat.	16	9 ·87	14 ·65	22
20	Wed.	16	5 ·32	2 ·92	18	19	Mon.	16	7 ·20	8 ·51	20	22	Sun.	17	10 ·95	15 ·76	23
21	Thur.	17	6 ·24	3 ·87	19	20	Tues.	17	8 ·23	9 ·58	21	23	Mon.	18	... ...	16 ·85	24
22	Fri.	18	7 ·17	4 ·84	20	21	Wed.	18	9 ·27	10 ·65	22	24	Tues.	19	11 ·02	17 ·92	25
23	Sat.	19	8 ·12	5 ·82	21	22	Thur.	19	10 ·34	11 ·74	23	25	Wed.	20	12 ·08	18 ·99	26
24	Sun.	20	9 ·08	6 ·83	22	23	Fri.	20	11 ·42	12 ·84	24	26	Thur.	21	13 ·12	... ...	27
25	Mon.	21	10 ·06	7 ·85	23	24	Sat.	21	12 ·52	13 ·98	25	27	Fri.	22	14 ·14	19 ·03	28
26	Tues.	22	11 ·06	8 ·89	24	25	Sun.	22	13 ·60	... ...	26	28	Sat.	23	—A ·12	20 ·04	—29
27	Wed.	23	12 ·08	9 ·95	25	26	Mon.	23	14 ·68	14 ·06	27	—29	Sun.	24	1 ·09	21 ·04	1
28	Thur.	24	13 ·13	... ...	26	27	Tues.	24	—A ·75	15 ·16	28				2 ·04	22 ·01	
29	Fri.	25	14 ·19	10 ·03	27	28	Wed.	25	1 ·80	16 ·24	—29	1	Mon.	25	3 ·98	23 ·99	2
30	Sat.	26	—A ·27	11 ·13	28	—29	Thur.	26	2 ·84	17 ·31	1	2	Tues.	26	4 ·91	24 ·93	3
—31	Sun.	27	1 ·35	12 ·24	—29	1	Fri.	27	3 ·85	18 ·35	2	3	Wed.	27	5 ·83	25 ·87	4
1	Mon.	28	2 ·44	13 ·35	1	2	Sat.	28	4 ·84	19 ·38	3	4	Thur.	28	6 ·78	26 ·81	5
2	Tues.	29	3 ·52	14 ·45	2	3	Sun.	29	5 ·81	20 ·41	4	5	Fri.	29	7 ·68	27 ·74	6
3	Wed.	30	4 ·59	15 ·54	3	4	Mon.	30	6 ·76	21 ·38	5	6	Sat.	30	8 ·53	1 ·68	7
4	Thur.	31	5 ·64	16 ·63	4	5	Tues.	31	7 ·70	22 ·35	6	7	Sun.	31	9 ·44	2 ·61	8

Siddhārtin. **Karkataka—Ādi.** *Sukla.* **Adhika Śrāvana.** *Bahula.* *Siddhārtin.* **Kanyā—Purattāsi.** *Bahula.* *Siddhārtin.* **Vṛiśchika—Kārttigai.** *Bahula.* *H. 533 Ẓi-l-ka'da.* *H. 534 Muharram.*

Siddhārtin. **Simha—Āvani.** *Sukla.* **Nija Śrāvana.** *Bahula.* *Siddhārtin.* **Tulā—Aippasi.** *Bahula.* *Siddhārtin.* **Dhanus—Mārgali.** *Bahula.* *H. 533 Ẓi-l-hijja.* *H. 534 Ṣafar.*

Siddhārtin. **Makara—Tai.** *Sukla.* *Siddhārtin.* **Mārgaśirsha.** *Bahula.* *H. 534 Rabi-ul awwal.* *H. 534 Rabi-ul ākhir.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1140. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 23·97. **Śaka 1062.** **Kaliyuga 4241.**
Lunar Eclipse. ○ (Arya Sid.) March 23·92. **(S. Cycle) Raudra.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Siddhārtin. **Makara—Tai.**	**Jan.**					**March.**					**May.**			
8	Mon. 1	10 ·35	3 ·55	9	8	Fri. 1	11 ·33	8 ·10	10	8	Wed. 1	13 ·70	14 ·15	12
9	Tues. 2	11 ·27	4 ·50	10	9	Sat. 2	12 ·34	9 ·13	11	9	Thur. 2	14 ·79	15 ·26	13
10	Wed. 3	12 ·21	5 ·46	11	10	Sun. 3	13 ·37	10 ·19	12	10	Fri. 3	P ·87	16 ·36	14
11	Thur. 4	13 ·16	6 ·44	12	11	Mon. 4	14 ·42	11 ·26	13	11	Sat. 4	1 ·93	17 ·46	15
12	Fri. 5	14 ·12	7 ·45	13	12	Tues. 5	P ·49	12 ·34	14	12	Sun. 5	2 ·98	18 ·53	16
13	Sat. 6	P ·10	8 ·47	14	13	Wed. 6	1 ·56	13 ·44	15	13	Mon. 6	... ...	19 ·60	17
14	Sun. 7	1 ·12	9 ·50	15	14	Thur. 7	2 ·64	14 ·55	16	14	Tues. 7	3 ·01	20 ·64	18
15	Mon. 8	2 ·14	10 ·56	16	15	Fri. 8	3 ·73	15 ·66	17	15	Wed. 8	4 ·01	21 ·66	19
16	Tues. 9	3 ·19	11 ·64	17	16	Sat. 9	4 ·81	16 ·76	18	16	Thur. 9	5 ·00	22 ·66	20
17	Wed. 10	4 ·26	12 ·74	18	17	Sun. 10	5 ·88	17 ·85	19			6 ·97		
18	Thur. 11	5 ·34	13 ·85	19	18	Mon. 11	6 ·93	18 ·92	20	17	Fri. 10	7 ·92	23 ·64	21
19	Fri. 12	6 ·43	14 ·96	20	19	Tues. 12	7 ·96	19 ·97	21	18	Sat. 11	8 ·85	24 ·61	22
20	Sat. 13	7 ·52	... ...	21	20	Wed. 13	8 ·97	... ...	22	19	Sun. 12	9 ·77	25 ·57	23
21	Sun. 14	8 ·60	15 ·06	22	21	Thur. 14	9 ·96	20 ·01	23	20	Mon. 13	10 ·67	26 ·51	24
22	Mon. 15	9 ·67	16 ·15	23	22	Fri. 15	10 ·93	21 ·02	24	21	Tues. 14	11 ·57	27 ·44	25
23	Tues. 16	10 ·72	17 ·24	24				22 ·01		22	Wed. 15	12 ·47	1 ·37	26
24	Wed. 17	11 ·76	18 ·30	25	23	Sat. 16	11 ·88	23 ·98	25	23	Thur. 16	13 ·37	2 ·31	27
25	Thur. 18	12 ·78	19 ·34	26	24	Sun. 17	12 ·81	24 ·94	26	24	Fri. 17	14 ·27	3 ·24	28
26	Fri. 19	13 ·76	20 ·36	27	25	Mon. 18	13 ·73	25 ·88	27	25	Sat. 18	—A ·17	4 ·18	29
27	Sat. 20	14 ·73	21 ·36	28	26	Tues. 19	14 ·64	26 ·83	28	26	Sun. 19	1 ·09	5 ·13	—30
28	Sun. 21	—A ·68	22 ·34	29	27	Wed. 20	—A ·54	27 ·76	29			2 ·02		
29	Mon. 22	1 ·62	23 ·32	—30	28	Thur. 21	1 ·44	1 ·69	--30	27	Mon. 20	3 ·96	6 ·09	1
—30	Tues. 23	2 ·55	24 ·27	1	29	Fri. 22	2 ·34	2 ·62	1	28	Tues. 21	4 ·92	7 ·07	2
1	Wed. 24	3 ·46	25 ·21	2	—30	Sat. 23	3 ·24	3 ·56	2	29	Wed. 22	5 ·90	8 ·07	3
2	Thur. 25	4 ·36	26 ·15	3	1	Sun. 24	4 ·15	4 ·51	3	30	Thur. 23	6 ·91	9 ·08	4
3	Fri. 26	5 ·26	27 ·08	4	2	Mon. 25	5 ·07	5 ·46	4	—31	Fri. 24	7 ·93	10 ·12	5
			1 ·01				6 ·00			1	Sat. 25	8 ·98	11 ·17	6
4	Sat. 27	6 ·16	2 ·94	5	3	Tues. 26	7 ·94	6 ·43	5	2	Sun. 26	... ...	12 ·25	7
		7 ·07			4	Wed. 27	8 ·91	7 ·41	6	3	Mon. 27	9 ·04	13 ·35	8
5	Sun. 28	8 ·98	3 ·88	6	5	Thur. 28	9 ·89	8 ·42	7	4	Tues. 28	10 ·11	14 ·45	9
6	Mon. 29	9 ·90	4 ·83	7	6	Fri. 29	10 ·89	9 ·45	8	5	Wed. 29	11 ·19	15 ·55	10
7	Tues. 30	10 ·84	5 ·79	8	7	Sat. 30	11 ·92	10 ·50	9	6	Thur. 30	12 ·27	16 ·66	11
8	Wed. 31	11 ·79	6 ·78	9	8	Sun. 31	12 ·97	11 ·56	10	7	Fri. 31	13 ·35	17 ·78	12
Siddhārtin. **Kumbha—Māśi**	**Feb.**					**April.**					**June.**			
9	Thur. 1	12 ·75	7 ·77	10	9	Mon. 1	... ...	12 ·64	11	8	Sat. 1	14 ·42	18 ·86	13
10	Fri. 2	13 ·74	8 ·78	11	10	Tues. 2	13 ·04	13 ·74	12	9	Sun. 2	P ·47	19 ·92	14
11	Sat. 3	14 ·74	9 ·82	12	11	Wed. 3	14 ·11	14 ·86	13	10	Mon. 3	1 ·49	20 ·96	15
12	Sun. 4	P ·77	10 ·87	13	12	Thur. ○ 4	P ·19	15 ·95	14	11	Tues. 4	2 ·50	21 ·98	16
13	Mon. 5	1 ·82	11 ·95	14	13	Fri. 5	1 ·28	... ...	15	12	Wed. 5	3 ·48	22 ·99	17
14	Tues. 6	2 ·88	... ...	15	14	Sat. 6	2 ·36	16 ·06	16	13	Thur. 6	4 ·45	23 ·98	18
15	Wed. 7	3 ·96	12 ·04	16	15	Sun. 7	3 ·42	17 ·15	17	14	Fri. 7	5 ·39	24 ·95	19
16	Thur. 8	... ...	13 ·14	17	16	Mon. 8	4 ·47	18 ·23	18	15	Sat. 8	6 ·38	25 ·90	20
17	Fri. 9	4 ·05	14 ·24	18	17	Tues. 9	5 ·50	19 ·28	19	16	Sun. 9	7 ·25	26 ·84	21
18	Sat. 10	5 ·14	15 ·35	19	18	Wed. 10	6 ·51	20 ·33	20	17	Mon. 10	8 ·15	27 ·78	22
19	Sun. 11	6 ·22	16 ·46	20	19	Thur. 11	7 ·50	21 ·34	21			9 ·05		
20	Mon. 12	7 ·29	17 ·55	21	20	Fri. 12	8 ·47	22 ·33	22	18	Tues. 11	10 ·95	1 ·72	23
21	Tues. 13	8 ·34	18 ·61	22	21	Sat. 13	9 ·41	23 ·31	23	19	Wed. 12	11 ·85	2 ·65	24
22	Wed. 14	9 ·37	19 ·66	23	22	Sun. 14	10 ·34	24 ·27	24	20	Thur. 13	12 ·75	3 ·58	25
23	Thur. 15	10 ·39	20 ·68	24	23	Mon. 15	11 ·26	25 ·22	25	21	Fri. 14	13 ·65	4 ·51	26
24	Fri. 16	11 ·37	21 ·70	25	24	Tues. 16	12 ·17	26 ·17	26	22	Sat. 15	14 ·57	5 ·46	27
25	Sat. 17	12 ·34	22 ·68	26			13 ·07			23	Sun. 16	—A ·50	6 ·43	28
26	Sun. 18	13 ·29	23 ·65	27	25	Wed. 17	14 ·97	27 ·10	27	24	Mon. 17	1 ·44	7 ·40	—29
27	Mon. 19	14 ·23	24 ·60	28				1 ·08		25	Tues. 18	2 ·40	8 ·39	1
28	Tues. 20	—A ·16	25 ·55	—29	26	Thur. 18	—A ·87	2 ·96	28	26	Wed. 19	3 ·39	9 ·40	2
		1 ·07			27	Fri. 19	1 ·77	3 ·90	—29	27	Thur. 20	4 ·38	10 ·43	3
29	Wed. 21	2 ·97	26 ·48	1	28	Sat. 20	2 ·68	4 ·84	1	28	Fri. 21	5 ·40	11 ·48	4
—30	Thur. 22	3 ·87	27 ·42	2	29	Sun. 21	3 ·59	5 ·79	2	29	Sat. 22	6 ·45	12 ·55	5
1	Fri. 23	4 ·77	1 ·36	3	30	Mon. 22	4 ·52	6 ·76	3	30	Sun. 23	7 ·51	13 ·65	6
2	Sat. 24	5 ·68	2 ·28	4	—31	Tues. 23	5 ·46	7 ·74	4	31	Mon. 24	8 ·59	14 ·75	7
3	Sun. 25	6 ·59	3 ·22	5	1	Wed. 24	6 ·43	8 ·75	5	—32	Tues. 25	9 ·67	15 ·85	8
4	Mon. 26	7 ·51	4 ·16	6	2	Thur. 25	7 ·41	9 ·77	6	1	Wed. 26	10 ·76	16 ·96	9
5	Tues. 27	8 ·44	5 ·13	7	3	Fri. 26	8 ·42	10 ·81	7	2	Thur. 27	11 ·83	... ...	10
6	Wed. 28	9 ·38	6 ·10	8	4	Sat. 27	9 ·44	11 ·87	8	3	Fri. 28	12 ·90	17 ·07	11
7	Thur. 29	10 ·34	7 ·09	9	5	Sun. 28	10 ·49	12 ·95	9	4	Sat. 29	13 ·95	18 ·16	12
					6	Mon. 29	11 ·55	... ...	10	5	Sun. 30	14 ·97	19 ·22	13
					7	Tues. 30	12 ·62	13 ·05	11					

Siddhārtin. **Phālguna.** *Raktā.* *Sukla.* *Siddhārtin.* **Mīna—Pangūni.** *Raudra.* **Mēsha—Chittirai.** *Raktā.* *Sukla.* **Vaiśāk.** *Raktā.* *Sukla.* *Raudra.* **Vrishabha—Vaigāśi.** *Raktā.* *Sukla.* *Raudra.* **Mithuna—Āni.** *Raktā.* *Sukla.* **Jyeshtha.** *Raktā.* *Sukla.* **Āshādha.**

H. 534 Jamādā'l awwal. *H. 534 Rajab.* *H. 534 Ramaḍn.* *H. 534 Śha'bān.* *H. 534 Ramaḍn.* *H. 534 Shawwāl.* *H. 534 Zī-l-ka'da.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1140. **Kollam 316,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 535.** **Vikrama 1197.**
A—Amāvāsyā. Commences Commences **Aug. 17.** **Bengal San. 546.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
6	Mon. 1	P ·99	20 ·27	14
7	Tues. 2	1 ·97	21 ·30	15
8	Wed. 3	2 ·94	22 ·32	16
9	Thur. 4	3 ·88	23 ·31	17
10	Fri. 5	4 ·81	24 ·28	18
11	Sat. 6	5 ·73	25 ·23	19
12	Sun. 7	6 ·63	26 ·18	20
13	Mon. 8	7 ·53	27 ·11	21
14	Tues. 9	8 ·43	1 ·05 / 2 ·98	22
15	Wed. 10	9 ·33	3 ·91	23
16	Thur. 11	10 ·23	4 ·85	24
17	Fri. 12	11 ·13	5 ·79	25
18	Sat. 13	12 ·05 / 13 ·98	6 ·76	26
19	Sun. 14	14 ·92	7 ·73	27
20	Mon. 15	A ·88	8 ·71	28
21	Tues. 16	1 ·87	9 ·72	29
22	Wed. 17	2 ·86	10 ·74	30
23	Thur. 18	3 ·89	11 ·80	1
24	Fri. 19	4 ·94	12 ·87	2
25	Sat 20	...	13 ·95	3
26	Sun. 21	5 ·00	...	4
27	Mon. 22	6 ·07	14 ·05	5
28	Tues. 23	7 ·15	15 ·15	6
29	Wed. 24	8 ·24	16 ·27	7
30	Thur. 25	9 ·32	17 ·37	8
31	Fri. 26	10 ·39	18 ·46	9
1	Sat. 27	11 ·43	19 ·53	10
2	Sun. 28	12 ·46	20 ·59	11
3	Mon. 29	13 ·47	21 ·63	12
4	Tues. 30	14 ·45	22 ·64	13
5	Wed. 31	P ·42	23 ·63	14
	Aug.			
6	Thur. 1	1 ·37	24 ·61	15
7	Fri. 2	2 ·30	25 ·57	16
8	Sat. 3	3 ·22	26 ·52	17
9	Sun. 4	4 ·12	27 ·46	18
10	Mon. 5	5 ·02 / 6 ·92	1 ·39	19
11	Tues. 6	7 ·82	2 ·32	20
12	Wed. 7	8 ·72	3 ·25	21
13	Thur. 8	9 ·63	4 ·19	22
14	Fri. 9	10 ·55	5 ·14	23
15	Sat. 10	11 ·48	6 ·09	24
16	Sun. 11	12 ·43	7 ·06	25
17	Mon. 12	13 ·39	8 ·04	26
18	Tues. 13	14 ·37	9 ·04	27
19	Wed. 14	A ·37	10 ·07	28
20	Thur. 15	1 ·40	11 ·11	29
21	Fri. 16	2 ·45	12 ·17	30
22	Sat. 17	3 ·52	13 ·25	1
23	Sun. 18	4 ·59	14 ·35	2
24	Mon. 19	5 ·68	15 ·46	3
25	Tues. 20	6 ·76	16 ·57	4
26	Wed. 21	7 ·83	17 ·67	5
27	Thur. 22	8 ·90	18 ·76	6
28	Fri. 23	9 ·95	19 ·84	7
29	Sat. 24	10 ·98	20 ·91	8
30	Sun. 25	11 ·99	21 ·95	9
31	Mon. 26	12 ·98	22 ·96	10
1	Tues. 27	13 ·95	23 ·96	11
2	Wed. 28	14 ·90	24 ·94	12
3	Thur. 29	P ·83	25 ·90	13
4	Fri. 30	1 ·75	26 ·86	14
5	Sat. 31	2 ·65	27 ·80	15

Raudra. **Karkataka—Ādi.** Bahula. Āshāḍha. Śukla. Śrāvaṇa. H. 534 Zi-l-ka'da. H. 535 Muharram. H. 535 Ṣafar. H. 535 Rabi-ul awwal.

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
6	Sun. 1	3 ·55	1 ·73	16
7	Mon. 2	4 ·45	2 ·66	17
8	Tues. 3	5 ·35	3 ·59	18
9	Wed. 4	6 ·25	4 ·53	19
10	Thur. 5	7 ·16	5 ·47	20
11	Fri. 6	8 ·08	6 ·42	21
12	Sat. 7	9 ·01 / 10 ·96	7 ·38	22
13	Sun. 8	11 ·93	8 ·36	23
14	Mon. 9	12 ·91	9 ·37	24
15	Tues. 10	13 ·92	10 ·38	25
16	Wed. 11	14 ·95	11 ·42	26
17	Thur● 12	...	12 ·48	27
18	Fri. 13	A ·00	13 ·55	28
19	Sat. 14	1 ·06	14 ·65	29
20	Sun. 15	2 ·13	15 ·76	30
21	Mon. 16	3 ·22	16 ·87	1
22	Tues. 17	4 ·31	17 ·97	2
23	Wed. 18	5 ·39	...	3
24	Thur. 19	6 ·46	18 ·07	4
25	Fri. 20	7 ·51	19 ·15	5
26	Sat. 21	8 ·53	20 ·22	6
27	Sun. 22	9 ·55	21 ·26	7
28	Mon. 23	10 ·54	22 ·28	8
29	Tues. 24	11 ·51	23 ·28	9
30	Wed. 25	12 ·46	24 ·27	10
31	Thur. 26	13 ·39	25 ·24	11
1	Fri. 27	14 ·31	26 ·19	12
2	Sat.○ 28	P ·22	27 ·14	13
3	Sun. 29	1 ·12	1 ·07	14
4	Mon. 30	2 ·02 / 3 ·92	2 ·00 / 3 ·94	15
	Oct.			
5	Tues. 1	4 ·83	4 ·87	16
6	Wed. 2	5 ·74	5 ·81	17
7	Thur. 3	6 ·66	6 ·75	18
8	Fri. 4	7 ·59	7 ·70	19
9	Sat. 5	8 ·54	8 ·70	20
10	Sun. 6	9 ·51	9 ·69	21
11	Mon. 7	10 ·49	10 ·70	22
12	Tues. 8	11 ·50	11 ·73	23
13	Wed. 9	12 ·53	12 ·79	24
14	Thur. 10	13 ·58	13 ·86	25
15	Fri. 11	14 ·65	14 ·96	26
16	Sat. 12	A ·73	...	27
17	Sun. 13	1 ·82	15 ·06	28
18	Mon. 14	2 ·90	16 ·16	29
19	Tues. 15	3 ·98	17 ·27	1
20	Wed. 16	...	18 ·37	2
21	Thur. 17	4 ·05	19 ·46	3
22	Fri. 18	5 ·10	20 ·53	4
23	Sat. 19	6 ·13	21 ·58	5
24	Sun. 20	7 ·15	22 ·60	6
25	Mon. 21	8 ·13	23 ·61	7
26	Tues. 22	9 ·10	24 ·60	8
27	Wed. 23	10 ·05 / 11 ·99	25 ·57	9
28	Thur. 24	12 ·91	26 ·53	10
29	Fri. 25	13 ·82	27 ·47	11
30	Sat. 26	14 ·73	1 ·41	12
1	Sun. 27	P ·63	2 ·35	13
2	Mon. 28	1 ·53	3 ·28	14
3	Tues. 29	2 ·43	4 ·21	15
4	Wed. 30	3 ·34	5 ·14	16
5	Thur. 31	4 ·27	6 ·09	17

Raudra. **Kanyā—Purattāśi.** Bahula. Āśvina. Śukla. Tulā—Aippaśi. Kārttika. H. 535 Rabi-ul awwal. H. 535 Muharram.

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
6	Fri. 1	5 ·21	7 ·05	18
7	Sat. 2	6 ·16	8 ·02	19
8	Sun. 3	7 ·12	9 ·01	20
9	Mon. 4	8 ·11	10 ·02	21
10	Tues. 5	9 ·12	11 ·05	22
11	Wed. 6	10 ·15	12 ·09	23
12	Thur. 7	11 ·20	13 ·17	24
13	Fri. 8	12 ·27	14 ·26	25
14	Sat. 9	13 ·35	15 ·36	26
15	Sun. 10	14 ·44	16 ·46	27
16	Mon. 11	A ·53	17 ·57	28
17	Tues. 12	1 ·60	18 ·68	29
18	Wed. 13	2 ·67	19 ·77	30
19	Thur. 14	3 ·72	20 ·84	1
20	Fri. 15	4 ·75	21 ·89	2
21	Sat. 16	5 ·77	22 ·92	3
22	Sun. 17	6 ·76	23 ·94	4
23	Mon. 18	7 ·78	24 ·93	5
24	Tues. 19	8 ·68	25 ·90	6
25	Wed. 20	9 ·62	26 ·86	7
26	Thur. 21	10 ·54	27 ·81	8
27	Fri. 22	11 ·45	1 ·76	9
28	Sat. 23	12 ·36	2 ·69	10
29	Sun. 24	13 ·27	3 ·62	11
1	Mon. 25	14 ·17	4 ·55	12
2	Tues. 26	P ·07 / 1 ·99	5 ·48	13
3	Wed. 27	2 ·91	6 ·42	14
4	Thur. 28	3 ·84	7 ·39	15
5	Fri. 29	4 ·80	8 ·35	16
6	Sat. 30	5 ·76	9 ·34	17
	Dec.			
7	Sun. 1	6 ·75	10 ·34	18
8	Mon. 2	7 ·75	11 ·36	19
9	Tues. 3	8 ·79	12 ·41	20
10	Wed. 4	9 ·84	13 ·48	21
11	Thur. 5	10 ·91	14 ·56	22
12	Fri. 6	11 ·99	15 ·65	23
13	Sat. 7	...	16 ·76	24
14	Sun. 8	12 ·08	17 ·88	25
15	Mon. 9	13 ·17	18 ·98	26
16	Tues. 10	14 ·25	...	27
17	Wed. 11	A ·32	19 ·07	28
18	Thur. 12	1 ·37	20 ·14	29
19	Fri. 13	2 ·41	21 ·20	1
20	Sat. 14	3 ·42	22 ·25	2
21	Sun. 15	4 ·40	23 ·26	3
22	Mon. 16	5 ·37	24 ·26	4
23	Tues. 17	6 ·33	25 ·23	5
24	Wed. 18	7 ·27	26 ·20	6
25	Thur. 19	8 ·19	27 ·15	7
26	Fri. 20	9 ·10	1 ·09	8
27	Sat. 21	10 ·00 / 11 ·90	2 ·03 / 3 ·96	9
28	Sun. 22	12 ·81	4 ·88	10
29	Mon. 23	13 ·72	5 ·82	11
30	Tues. 24	14 ·63	6 ·77	12
1	Wed. 25	P ·55	7 ·71	13
2	Thur. 26	1 ·49	8 ·68	14
3	Fri. 27	2 ·44	9 ·66	15
4	Sat. 28	3 ·40	10 ·66	16
5	Sun. 29	4 ·39	11 ·69	17
6	Mon. 30	5 ·40	12 ·72	18
7	Tues. 31	6 ·44	13 ·78	19

Raudra. **Vṛśchika—Kārttigai.** Bahula. Mārgaśirsha. Śukla. Dhanus—Mārgali. Pausha. H. 535 Jamāda'l awwal. H. 535 Rabi-ul ākhir.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1141. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·22.** **Śaka 1063.** **Kaliyuga 4242.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·17.** **(S. Cycle) Durmati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	*Bahula.* 7 ·49	14 ·86	20	8	Sat. 1	... ...	18 ·87	20	8	Thur. 1	8 ·34	24 ·88	22
9	Thur. 2	8 ·56	15 ·95	21	9	Sun. 2	7 ·04	19 ·97	21	9	Fri. 2	9 ·32	25 ·88	23
10	Fri. 3	9 ·64	... ...	22	10	Mon. 3	*Bahula.* 8 ·12	... ...	22	10	Sat. 3	10 ·29	26 ·86	24
11	Sat. 4	10 ·73	16 ·07	23	11	Tues. 4	9 ·19	20 ·07	23	11	Sun. 4	11 ·24	27 ·82	25
12	Sun. 5	11 ·81	17 ·17	24	12	Wed. 5	10 ·24	21 ·14	24	12	Mon. 5	12 ·17	1 ·78	26
13	Mon. 6	12 ·89	18 ·28	25	13	Thur. 6	11 ·27	22 ·19	25			13 ·08		
14	Tues. 7	13 ·96	19 ·37	26	14	Fri. 7	12 ·28	23 ·22	28	13	Tues. 6	14 ·99	2 ·72	27
15	Wed. 8	... ...	20 ·45	27	15	Sat. 8	13 ·26	24 ·23	27	14	Wed. 7	A ·89	3 ·66	28
16	Thur. 9	14 ·02	21 ·52	28	16	Sun. 9	14 ·23	25 ·23	28	15	Thur. 8	1 ·78	4 ·59	29
17	Fri. 10	A ·06	22 ·56	29	17	Mon.● 10	A ·18	26 ·20	29	16	Fri. 9	2 ·68	5 ·52	30
18	Sat. 11	1 ·06	23 ·58	30	18	Tues. 11	1 ·11	27 ·16	30	17	Sat. 10	3 ·58	6 ·45	1
19	Sun. 12	2 ·04	24 ·58	1	19	Wed. 12	2 ·03	1 ·10	1	18	Sun. 11	4 ·49	7 ·40	2
20	Mon. 13	3 ·01	25 ·56	2			3 ·94	2 ·04		19	Mon. 12	5 ·41	8 ·35	3
21	Tues. 14	4 ·97	26 ·53	3	20	Thur. 13	4 ·84	3 ·98	2	20	Tues. 13	6 ·34	9 ·31	4
22	Wed. 15	5 ·91	27 ·49	4	21	Fri. 14	5 ·74	4 ·91	3	21	Wed. 14	7 ·29	10 ·28	5
23	Thur. 16	6 ·83	1 ·43	5	22	Sat. 15	6 ·64	5 ·84	4	22	Thur. 15	8 ·25	11 ·28	6
24	Fri. 17	7 ·74	2 ·36	6	23	Sun. 16	7 ·54	6 ·79	5	23	Fri. 16	9 ·23	12 ·30	7
25	Sat. 18	8 ·65	3 ·29	7	24	Mon. 17	8 ·45	7 ·72	6	24	Sat. 17	10 ·23	13 ·34	8
26	Sun. 19	9 ·55	4 ·22	8	25	Tues. 18	9 ·37	8 ·68	7	25	Sun. 18	11 ·26	14 ·39	9
27	Mon. 20	10 ·45	5 ·16	9	26	Wed. 19	10 ·31	9 ·64	8	26	Mon. 19	12 ·31	15 ·47	10
28	Tues. 21	11 ·35	6 ·10	10	27	Thur. 20	11 ·26	10 ·63	9	27	Tues. 20	13 ·38	16 ·56	11
29	Wed. 22	12 ·27	7 ·05	11	28	Fri. 21	12 ·22	11 ·64	10	28	Wed. 21	14 ·45	17 ·67	12
		13 ·19	8 ·01		29	Sat. 22	13 ·20	12 ·66	11	29	Thur. 22	P ·53	18 ·78	13
1	Thur. 23	14 ·12	9 ·99	12	30	Sun. 23	14 ·21	13 ·71	12	30	Fri. 23	1 ·61	19 ·88	14
2	Fri. 24	P ·07	10 ·99	13	1	Mon. 24	P ·23	14 ·78	13	31	Sat. 24	2 ·69	20 ·98	15
3	Sat. 25	1 ·04	... ...	14	2	Tues. 25	1 ·28	15 ·86	14	32	Sun. 25	3 ·76	... ...	16
4	Sun. 26	2 ·03	11 ·00	15	3	Wed. 26	2 ·34	16 ·96	15	1	Mon. 26	4 ·80	21 ·06	17
5	Mon. 27	3 ·04	12 ·04	16	4	Thur. 27	3 ·42	... ...	16	2	Tues. 27	5 ·83	22 ·14	18
6	Tues. 28	4 ·07	13 ·09	17	5	Fri. 28	4 ·51	17 ·06	17	3	Wed. 28	6 ·83	23 ·18	19
7	Wed. 29	5 ·12	14 ·16	18	6	Sat. 29	5 ·60	18 ·17	18	4	Thur. 29	7 ·81	24 ·20	20
8	Thur. 30	6 ·19	15 ·26	19	7	Sun. 30	6 ·67	19 ·28	19	5	Fri. 30	8 ·77	25 ·20	21
9	Fri. 31	7 ·27	16 ·36	20	8	Mon. 31	7 ·74	20 ·37	20	6	Sat. 31	9 ·72	26 ·19	22
	Feb.					**April.**					**June.**			
10	Sat. 1	*Bahula.* 8 ·36	17 ·47	21	9	Tues. 1	*Bahula.* 8 ·79	21 ·45	21	7	Sun. 1	10 ·66	27 ·17	23
11	Sun. 2	9 ·44	18 ·58	22	10	Wed. 2	9 ·82	22 ·50	22	8	Mon. 2	11 ·57	1 ·12	24
12	Mon. 3	10 ·52	19 ·67	23	11	Thur. 3	10 ·83	23 ·54	23	9	Tues. 3	12 ·47	2 ·06	25
13	Tues. 4	11 ·59	20 ·76	24	12	Fri. 4	11 ·81	24 ·56	24				3 ·00	
14	Wed. 5	12 ·64	21 ·83	25	13	Sat. 5	12 ·77	25 ·55	25	10	Wed. 4	13 ·37	4 ·93	26
15	Thur. 6	13 ·67	22 ·88	26	14	Sun. 6	13 ·72	26 ·53	26	11	Thur. 5	14 ·27	5 ·86	27
16	Fri. 7	14 ·68	23 ·90	27	15	Mon. 7	14 ·65	27 ·49	27	12	Fri. 6	A ·16	6 ·80	28
17	Sat. 8	A ·67	24 ·91	28	16	Tues. 8	A ·57	1 ·44	28			1 ·03		
18	Sun. 9	1 ·64	25 ·89	29	17	Wed. 9	1 ·48	2 ·39	29	13	Sat. 7	2 ·97	7 ·73	29
19	Mon. 10	2 ·59	26 ·87	1	18	Thur. 10	2 ·38	3 ·32	1	14	Sun. 8	3 ·89	8 ·68	1
20	Tues. 11	3 ·53	27 ·82	2	19	Fri. 11	3 ·28	4 ·25	2	15	Mon. 9	4 ·82	9 ·64	2
21	Wed. 12	4 ·45	1 ·77	3	20	Sat. 12	4 ·18	5 ·18	3	16	Tues. 10	5 ·76	10 ·61	3
22	Thur. 13	5 ·36	2 ·70	4	21	Sun. 13	5 ·08	6 ·11	4	17	Wed. 11	6 ·73	11 ·61	4
23	Fri. 14	6 ·26	3 ·63	5			6 ·98			18	Thur. 12	7 ·71	12 ·61	5
24	Sat. 15	7 ·16	4 ·57	6	22	Mon. 14	7 ·90	7 ·06	5	19	Fri. 13	8 ·71	13 ·65	6
25	Sun. 16	8 ·06	5 ·50	7	23	Tues. 15	*Sukla.* 8 ·84	8 ·01	6	20	Sat. 14	9 ·74	14 ·70	7
		9 ·96						9 ·98		21	Sun. 15	10 ·79	15 ·77	8
26	Mon. 17	10 ·87	6 ·44	8	24	Wed. 16	9 ·79	10 ·96	7	22	Mon. 16	11 ·85	16 ·87	9
27	Tues. 18	11 ·80	7 ·38	9	25	Thur. 17	10 ·75	11 ·96	8	23	Tues. 17	12 ·92	17 ·97	10
28	Wed. 19	12 ·73	8 ·34	10	26	Fri. 18	11 ·73	12 ·98	9	24	Wed. 18	... ...	... ...	11
29	Thur. 20	13 ·68	9 ·32	11	27	Sat. 19	12 ·73	... ...	10	25	Thur. 19	13 ·01	18 ·08	12
30	Fri. 21	14 ·65	10 ·31	12	28	Sun. 20	13 ·77	13 ·03	11	26	Fri. 20	14 ·09	19 ·18	13
1	Sat. 22	P ·63	11 ·32	13	29	Mon. 21	14 ·82	14 ·09	12	27	Sat. 21	P ·17	20 ·28	14
2	Sun. 23	1 ·64	12 ·35	14	30	Tues. 22	P ·88	15 ·17	13	28	Sun. 22	1 ·23	21 ·38	15
3	Mon. 24	2 ·67	13 ·40	15	31	Wed. 23	1 ·96	16 ·26	14	29	Mon. 23	2 ·27	22 ·44	16
4	Tues. 25	3 ·72	14 ·48	16	1	Thur. 24	... ...	17 ·36	15	30	Tues. 24	3 ·30	23 ·49	17
5	Wed. 26	4 ·78	15 ·56	17	2	Fri. 25	2 ·04	18 ·48	16	31	Wed. 25	4 ·30	24 ·52	18
6	Thur. 27	5 ·86	16 ·66	18	3	Sat. 26	3 ·12	19 ·58	17	1	Thur. 26	5 ·29	25 ·53	19
7	Fri. 28	6 ·95	17 ·77	19	4	Sun. 27	4 ·20	20 ·68	18	2	Fri. 27	6 ·25	26 ·52	20
					5	Mon. 28	5 ·27	21 ·76	19	3	Sat. 28	7 ·20	27 ·50	21
					6	Tues. 29	6 ·31	22 ·81	20	4	Sun. 29	8 ·12	1 ·45	22
					7	Wed. 30	7 ·33	23 ·84	21	5	Mon. 30	9 ·04	2 ·40	23
												10 ·95		

Raudra. **Makara—Tai.** *Sukla.* **Māgha.** *Raudra.* **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Jamāda'l ākhir.* *H.* 535 *Rajab.*

Raudra. **Mīna—Paṅguni.** *Durmati.* **Mēsha—Chittirai.** *Bahula.* **Chaitra.** *Sukla.* **Vaiśākha.** *Bahula.* *Ḥ.* 535 *Sha'bān.* *Ramazān.*

Durmati. **Vrishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Sukla.* **Āshādha.** *Bahula.* *Ḥ.* 535 *Rajab.* *Ramazān.* *Shawwāl.* *Zi-l-ka'da.*

Durmati. **Mithuna—Ani.** *Sukla.* *Ḥ.* 535 *Ramazān.* *Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1141. **Kollam 317,** {**N. Malabar—Aug.** **Hijra 536.** **Vikrama 1198.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **Aug. 6.** **Bengal San. 547.**
P—Paurnimā. **(N. Cycle) Raktāksha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	11 ·85	3 ·33	24	5	Mon.	1	14 ·27	11 ·58	27	6	Sat.	1	1 ·56	17 ·48	29
7	Wed.	2	12 ·75	4 ·26	25	6	Tues.	2	—**A** ·23	12 ·58	28	7	Sun.	2	2 ·64	18 ·58	—30
8	Thur.	3	13 ·65	5 ·20	26	7	Wed.	3	1 ·22	13 ·59	29	8	Mon.	3	3 ·74	19 ·68	1
9	Fri.	4	14 ·55	6 ·13	27	8	Thur.	4	2 ·23	14 ·64	—30	9	Tues.	4	4 ·82	20 ·79	2
10	Sat.	5	—**A** ·45	7 ·07	28	9	Fri.	5	3 ·26	15 ·70	1	10	Wed.	5	5 ·89	21 ·89	3
11	Sun.	6	1 ·37	8 ·01 / 9 ·97	29	10	Sat.	6	4 ·31	16 ·78	2	11	Thur.	6	6 ·96	22 ·99	4
12	Mon.	7	2 ·30	10 ·95	—30	11	Sun.	7	5 ·37	17 ·87	3	12	Fri.	7	... ...	... ..	5
13	Tues.	8	3 ·24	11 ·93	1	12	Mon.	8	6 ·45	18 ·98	4	13	Sat.	8	7 ·01	23 ·06	6
14	Wed.	9	4 ·21	12 ·94	2	13	Tues.	9	7 ·53	... ...	5	14	Sun.	9	8 ·04	24 ·11	7
15	Thur.	10	5 ·19	13 ·96	3	14	Wed.	10	8 ·62	19 ·09	6	15	Mon.	10	9 ·05	25 ·14	8
16	Fri.	11	6 ·20	... ...	4	15	Thur.	11	9 ·70	20 ·19	7	16	Tues.	11	10 ·05	26 ·15	9
17	Sat.	12	7 ·22	14 ·01	5	16	Fri.	12	10 ·77	21 ·29	8	17	Wed.	12	11 ·02 / 12 ·97	27 ·15	10
18	Sun.	13	8 ·27	15 ·09	6	17	Sat.	13	11 ·81	22 ·37	9	18	Thur.	13	13 ·90	1 ·12	11
19	Mon.	14	9 ·34	16 ·17	7	18	Sun.	14	12 ·84	23 ·43	10	19	Fri.	14	14 ·82	2 ·08	12
20	Tues.	15	10 ·41	17 ·27	8	19	Mon.	15	13 ·85	24 ·48	11	20	Sat.	15	P ·73	3 ·03 / 4 ·97	13
21	Wed.	16	11 ·49	18 ·37	9	20	Tues.	16	14 ·83	25 ·50	12	21	Sun.	16	1 ·64	5 ·91	14
22	Thur.	17	12 ·57	19 ·48	10	21	Wed.	17	P ·80	26 ·50	13	22	Mon.	17	2 ·54	6 ·84	15
23	Fri.	18	13 ·65	20 ·58	11	22	Thur.	18	1 ·75	27 ·49	14	23	Tues.	18	3 ·44	7 ·77	16
24	Sat.	19	14 ·71	21 ·68	12	23	Fri.	19	2 ·68	1 ·45	15	24	Wed.	19	4 ·34	8 ·70	17
25	Sun.	20	P ·76	22 ·75	13	24	Sat.	20	3 ·60	2 ·41	16	25	Thur.	20	5 ·25	9 ·64	18
26	Mon.	21	1 ·79	23 ·81	14	25	Sun.	21	4 ·51	3 ·36	17	26	Fri.	21	6 ·18	10 ·60	19
27	Tues.	22	2 ·79	24 ·84	15	26	Mon.	22	5 ·42	4 ·29	18	27	Sat.	22	7 ·12	11 ·57	20
28	Wed.	23	3 ·77	25 ·85	16	27	Tues.	23	6 ·32	5 ·22	19	28	Sun.	23	8 ·07	12 ·56	21
29	Thur.	24	4 ·74	26 ·85	17	28	Wed.	24	7 ·22	6 ·15	20	29	Mon.	24	9 ·04	13 ·56	22
30	Fri.	25	5 ·69	27 ·83	18	29	Thur.	25	8 ·12	7 ·09	21	1	Tues.	25	10 ·03	14 ·58	23
31	Sat.	26	6 ·62	1 ·79	19	30	Fri.	26	9 ·03 / 10 ·95	8 ·03 / 9 ·97	22	2	Wed.	26	11 ·05	15 ·62	24
32	Sun.	27	7 ·54	2 ·73	20	1	Sat.	27	11 ·88	10 ·93	23	3	Thur.	27	12 ·08	16 ·70	25
1	Mon.	28	8 ·44	3 ·67	21	2	Sun.	28	12 ·83	11 ·91	24	4	Fri.	28	13 ·13	17 ·78	26
2	Tues.	29	9 ·34	4 ·61	22	3	Mon.	29	13 ·80	12 ·91	25	5	Sat.	29	14 ·20	18 ·87	27
3	Wed.	30	10 ·24	5 ·54	23	4	Tues.	30	14 ·79	13 ·92	26	6	Sun.	30	—**A** ·28	19 ·98	28
4	Thur.	31	11 ·14	6 ·47	24												
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	12 ·04 / 13 ·94	7 ·41	25	5	Wed.	1	—**A** ·80	14 ·95	27	7	Mon.	1	1 ·37	... ...	—29
6	Sat.	2	14 ·86	8 ·35	26	6	Thur.	2	1 ·83	... ...	28	8	Tues.	2	2 ·46	20 ·09	1
7	Sun.	3	—**A** ·80	9 ·31	27	7	Fri.	3	2 ·88	15 ·01	—29	9	Wed.	3	3 ·54	21 ·20	2
8	Mon.	4	1 ·75	10 ·27	28	8	Sat.	4	3 ·95	16 ·08	1	10	Thur.	4	4 ·61	22 ·29	3
9	Tues.	5	2 ·71	11 ·26	—29	9	Sun.	5	... ...	17 ·18	2	11	Fri.	5	5 ·66	23 ·36	4
10	Wed.	6	3 ·68	12 ·26	1	10	Mon.	6	4 ·03	18 ·28	3	12	Sat.	6	6 ·69	24 ·42	5
11	Thur.	7	4 ·70	13 ·28	2	11	Tues.	7	5 ·11	19 ·38	4	13	Sun.	7	7 ·69	25 ·46	6
12	Fri.	8	5 ·73	14 ·32	3	12	Wed.	8	6 ·20	20 ·49	5	14	Mon.	8	8 ·68	26 ·48	7
13	Sat.	9	6 ·78	15 ·39	4	13	Thur.	9	7 ·28	21 ·59	6	15	Tues.	9	9 ·65	27 ·48	8
14	Sun.	10	7 ·84	16 ·47	5	14	Fri.	10	8 ·35	22 ·67	7	16	Wed.	10	10 ·60	1 ·45	9
15	Mon.	11	8 ·91	17 ·57	6	15	Sat.	11	9 ·40	23 ·75	8	17	Thur.	11	11 ·54	2 ·42	10
16	Tues.	12	9 ·99	18 ·37	7	16	Sun.	12	10 ·43	24 ·80	9	18	Fri.	12	12 ·47	3 ·36	11
17	Wed.	13	... ...	19 ·78	8	17	Mon.	13	11 ·44	25 ·82	10	19	Sat.	13	13 ·38	4 ·31	12
18	Thur.	14	10 ·08	20 ·89	9	18	Tues.	14	12 ·42	26 ·83	11	20	Sun.	14	14 ·28	5 ·25	13
19	Fri.	15	11 ·16	21 ·98	10	19	Wed.	15	13 ·39	27 ·81	12	21	Mon.	15	P ·18	6 ·17	14
20	Sat.	16	12 ·22	... ...	11	20	Thur.	16	14 ·34	1 ·79	13	22	Tues.	16	1 ·08 / 2 ·99	7 ·10	15
21	Sun.	17	13 ·27	22 ·06	12	21	Fri.	17	P ·27	2 ·75	14	23	Wed.	17	3 ·91	8 ·04 / 9 ·98	16
22	Mon.	18	14 ·30	23 ·12	13	22	Sat.	18	1 ·19	3 ·69	15	24	Thur.	18	4 ·83	10 ·94	17
23	Tues.	19	P ·31	24 ·16	14	23	Sun.	19	2 ·11	4 ·63	16	25	Fri.	19	5 ·76	11 ·90	18
24	Wed.	20	1 ·29	25 ·18	15	24	Mon.	20	3 ·01 / 4 ·91	5 ·57	17	26	Sat.	20	6 ·71	12 ·88	19
25	Thur.	21	2 ·25	26 ·18	16	25	Tues.	21	5 ·81	6 ·50	18	27	Sun.	21	7 ·69	13 ·88	20
26	Fri.	22	3 ·20	27 ·16	17	26	Wed.	22	6 ·71	7 ·43	19	28	Mon.	22	8 ·68	14 ·90	21
27	Sat.	23	4 ·13	1 ·12	18	27	Thur.	23	7 ·63	8 ·36	20	29	Tues.	23	9 ·70	15 ·94	22
28	Sun.	24	5 ·05 / 6 ·96	2 ·07	19	28	Fri.	24	8 ·55	9 ·31	21	30	Wed.	24	10 ·73	... ...	23
29	Mon.	25	7 ·86	3 ·02 / 4 ·95	20	29	Sat.	25	9 ·49	10 ·26	22	1	Thur.	25	11 ·78	16 ·00	24
30	Tues.	26	8 ·76	5 ·88	21	30	Sun.	26	10 ·44	11 ·24	23	2	Fri.	26	12 ·84	17 ·08	25
31	Wed.	27	9 ·66	6 ·81	22	1	Mon.	27	11 ·41	12 ·23	24	3	Sat.	27	13 ·93	18 ·17	26
1	Thur.	28	10 ·56	7 ·74	23	2	Tues.	28	12 ·39	13 ·24	25	4	Sun.	28	... ...	19 ·28	27
2	Fri.	29	11 ·47	8 ·69	24	3	Wed.	29	13 ·41	14 ·27	26	5	Mon.	29	14 ·02	20 ·39	28
3	Sat.	30	12 ·39	9 ·64	25	4	Thur.	30	14 ·44	15 ·31	27	6	Tues.	30	—**A** ·10	21 ·50	29
4	Sun.	31	13 ·32	10 ·60	26	5	Fri.	31	—**A** ·49	16 ·38	28	7	Wed.	31	1 ·18	22 ·59	—30

Durmati. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* *H.* 535 *Zi-l-hijja.*

Durmati. **Simha—Āvani.** *Sukla.* **Bhādrapada.** *Bahula.* *H.* 536 *Muharram.*

Durmati. **Kanyā—Puraṭṭāsi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 536 *Safar.*

Durmati. **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *H.* 536 *Rabi-ul awwal.*

Durmati. **Vṛiśchika—Karttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 536 *Rabi-ul ākhir.*

Durmati. **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H.* 536 *Jamāda'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1142. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·48.** **Śaka 1064.** **Kaliyuga 4243.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·43.** **(S. Cycle) Dundubhi.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Durmati. **Makara—Tāi.**	**Jan.**			
8	Thur. 1	2 ·25	23 ·67	1
9	Fri. 2	3 ·30	24 ·78	2
10	Sat. 3	4 ·38	25 ·78	3
11	Sun. 4	5 ·35	26 ·80	4
12	Mon. 5	6 ·33	27 ·80	5
13	Tues. 6	7 ·29	1 ·78	6
14	Wed. 7	8 ·24	2 ·75	7
15	Thur. 8	9 ·18	3 ·70	8
16	Fri. 9	10 ·11	4 ·65	9
17	Sat. 10	11 ·02 12 ·92	5 ·58	10
18	Sun. 11	13 ·82	6 ·50	11
19	Mon. 12	14 ·72	7 ·44	12
20	Tues. 13	P ·63	8 ·37	13
21	Wed. 14	1 ·54	9 ·32	14
22	Thur. 15	2 ·46	10 ·27	15
23	Fri. 16	3 ·40	11 ·23	16
24	Sat. 17	4 ·35	12 ·21	17
25	Sun. 18	5 ·33	13 ·20	18
26	Mon. 19	6 ·32	14 ·22	19
27	Tues. 20	7 ·33	15 ·26	20
28	Wed. 21	8 ·36	16 ·31	21
29	Thur. 22	9 ·42	17 ·38	22
1	Fri. 23	10 ·49	18 ·47	23
2	Sat. 24	11 ·57	19 ·59	24
3	Sun. 25	12 ·65	20 ·69	25
4	Mon. 26	13 ·74	21 ·80	26
5	Tues. 27	14 ·82	22 ·89	27
6	Wed. 28	—A ·88	23 ·98	28
7	Thur. 29	1 ·93	... ...	—29
8	Fri. 30	2 ·96	24 ·05	1
9	Sat. 31	3 ·98	25 ·10	2
		Sukla.	*Bahula.*	*H. 536 Jamādā'l ākhir.*
		Māgha.		
Durmati. **Kumbha—Māśi.**	**Feb.**			
10	Sun. 1	4 ·96	26 ·12	3
11	Mon. 2	5 ·93	27 ·13	4
12	Tues. 3	6 ·88	1 ·11	5
13	Wed. 4	7 ·81	2 ·08	6
14	Thur. 5	8 ·73	3 ·04 4 ·99	7
15	Fri. 6	9 ·64	5 ·92	8
16	Sat. 7	10 ·55	6 ·85	9
17	Sun. 8	11 ·45	7 ·78	10
18	Mon. 9	12 ·35	8 ·72	11
19	Tues. 10	13 ·25	9 ·66	12
20	Wed. 11	14 ·16	10 ·60	13
21	Thur. ○ 12	P ·08	11 ·56	14
22	Fri. 13	1 ·02 2 ·97	12 ·53	15
23	Sat. 14	3 ·94	13 ·53	16
24	Sun. 15	4 ·93	14 ·54	17
25	Mon. 16	5 ·94	15 ·57	18
26	Tues. 17	6 ·97	16 ·62	19
27	Wed. 18	... ...	17 ·69	20
28	Thur. 19	7 ·03	18 ·78	21
29	Fri. 20	8 ·10	19 ·88	22
30	Sat. 21	9 ·18	20 ·99	23
1	Sun. 22	10 ·26	... ...	24
2	Mon. 23	11 ·35	21 ·10	25
3	Tues. 24	12 ·43	22 ·19	26
4	Wed. 25	13 ·49	23 ·28	27
5	Thur. 26	14 ·54	24 ·36	28
6	Fri. 27	—A ·57	25 ·41	29
7	Sat. 28	1 ·57	26 ·44	—30
		Sukla.	*Bahula.*	*H. 536 Rajab.*
		Phālguna.		
Dundubhi. **Mēsha—Chittirai.**	**March.**			
9	Wed. 1	4 ·88	4 ·65	3
10	Thur. 2	5 ·79	5 ·60	4
11	Fri. 3	6 ·69	6 ·54	5
12	Sat. 4	7 ·59	7 ·47	6
13	Sun. 5	8 ·48	8 ·40	7
14	Mon. 6	9 ·38	9 ·33	8
15	Tues. 7	10 ·29	10 ·27	9
16	Wed. 8	11 ·21	11 ·23	10
17	Thur. 9	12 ·15	12 ·20	11
18	Fri. 10	13 ·10	13 ·18	12
19	Sat. 11	14 ·07	14 ·18	13
20	Sun. 12	P ·05	15 ·20	14
21	Mon. 13	1 ·06	16 ·24	15
22	Tues. 14	2 ·08	17 ·31	16
23	Wed. 15	3 ·13	18 ·39	17
24	Thur. 16	4 ·20	19 ·48	18
25	Fri. 17	5 ·28	20 ·58	19
26	Sat. 18	6 ·37	21 ·69	20
27	Sun. 19	7 ·45	22 ·80	21
28	Mon. 20	8 ·52	23 ·90	22
29	Tues. 21	9 ·58	24 ·98	23
30	Wed. 22	10 ·63	... ...	24
—31	Thur. 23	11 ·66	25 ·04	25
1	Fri. 24	12 ·65	26 ·07	26
2	Sat. 25	13 ·64	27 ·10	27
3	Sun. 26	14 ·60	1 ·10	28
4	Mon. 27	—A ·55	2 ·08	29
5	Tues. 28	1 ·48	3 ·04 4 ·99	—30
6	Wed. 29	2 ·39	5 ·94	1
7	Thur. 30	3 ·30	6 ·88	2
		Sukla.	*Bahula.*	*H. 536 Ramazān.*
		Vaiśākha.		
Dundubhi. **Mīna—Pāṅguni.**	**April.**			
8	Sun. 1	2 ·55	27 ·45	1
9	Mon. 2	3 ·52	1 ·44	2
10	Tues. 3	4 ·47	2 ·42	3
11	Wed. 4	5 ·41	3 ·38	4
12	Thur. 5	6 ·33	4 ·32	5
13	Fri. 6	7 ·24	5 ·26	6
14	Sat. 7	8 ·14	6 ·19	7
15	Sun. 8	9 ·04 10 ·94	7 ·13	8
16	Mon. 9	11 ·84	8 ·06 9 ·99	9
17	Tues. 10	12 75	10 ·94	10
18	Wed. 11	13 ·67	11 ·89	11
19	Thur. 12	14 ·61	12 ·87	12
20	Fri. 13	P ·55	13 ·85	13
21	Sat. 14	1 ·52	14 ·86	14
22	Sun. 15	2 ·51	15 ·88	15
23	Mon. 16	3 ·52	16 ·93	16
24	Tues. 17	4 ·55	... ...	17
25	Wed. 18	5 ·60	17 ·00	18
26	Thur. 19	6 ·67	18 ·09	19
27	Fri. 20	7 ·75	19 ·18	20
28	Sat. 21	8 ·84	20 ·29	21
29	Sun. 22	9 ·92	21 ·39	22
—30	Mon. 23	10 ·99	22 ·49	23
1	Tues. 24	... ...	23 ·59	24
2	Wed. 25	11 ·05	24 ·67	25
3	Thur. 26	12 ·10	25 ·72	26
4	Fri. 27	13 ·13	26 ·76	27
5	Sat. 28	14 ·13	27 ·77	28
6	Sun. 29	—A ·12	1 ·77	—29
7	Mon. 30	1 ·08	2 ·74	1
8	Tues. 31	2 ·03 3 ·96	3 ·71	2
		Sukla.	*Bahula.*	*H. 536 Śha'bān.*
		Chaitra.		
Dundubhi. **Vṛishabha—Vaigāsi.**	**May.**			
8	Fri. 1	4 ·21	7 ·81	3
9	Sat. 2	5 ·11	8 ·74	4
10	Sun. 3	6 ·01 7 ·91	9 ·67	5
11	Mon. 4	8 ·81	10 ·62	6
12	Tues. 5	9 ·73	11 ·57	7
13	Wed. 6	10 ·66	12 ·53	8
14	Thur. 7	11 ·60	13 ·50	9
15	Fri. 8	12 ·56	14 ·50	10
16	Sat. 9	13 ·55	15 ·51	11
17	Sun. 10	14 ·57	16 ·56	12
18	Mon. 11	P ·59	17 ·61	13
19	Tues. 12	1 ·64	18 ·69	14
20	Wed. 13	2 ·70	19 ·78	15
21	Thur. 14	3 ·78	20 ·88	16
22	Fri. 15	4 ·86	... ...	17
23	Sat. 16	5 ·94	21 ·00	18
24	Sun. 17	... ...	22 ·10	19
25	Mon. 18	6 ·02	23 ·20	20
26	Tues. 19	7 ·08	24 ·28	21
27	Wed. 20	8 ·13	25 ·35	22
28	Thur. 21	9 ·15	26 ·40	23
29	Fri. 22	10 ·16	27 ·42	24
30	Sat. 23	11 ·13	1 ·42	25
31	Sun. 24	12 ·09	2 ·41	26
—32	Mon. 25	13 ·04 14 ·97	3 ·38	27
1	Tues. 26	—A ·88	4 ·34	28
2	Wed. 27	1 ·79	5 ·28	—29
3	Thur. 28	2 ·69	6 ·22	1
4	Fri. 29	3 ·58	7 ·14	2
5	Sat. 30	4 ·48	8 ·09	3
6	Sun. 31	5 ·38	9 ·01 10 ·95	4
		Sukla.	*Bahula.*	*H. 536 Shawwāl.*
		Jyeshtha.		
Dundubhi. **Mithuna—Āni.**	**June.**			
7	Mon. 1	6 ·29	11 ·90	5
8	Tues. 2	7 ·21	12 ·86	6
9	Wed. 3	8 ·14	13 ·83	7
10	Thur. 4	9 ·09	14 ·82	8
11	Fri. 5	10 ·05	15 ·84	9
12	Sat. 6	11 ·03	16 ·87	10
13	Sun. 7	12 ·05	17 ·92	11
14	Mon. 8	13 ·07	18 ·99	12
15	Tues. 9	14 ·12	... ...	13
16	Wed. 10	P ·18	19 ·08	14
17	Thur. 11	1 ·26	20 ·19	15
18	Fri. 12	2 ·34	21 ·30	16
19	Sat. 13	3 ·43	22 ·40	17
20	Sun. 14	4 ·51	23 ·50	18
21	Mon. 15	5 ·57	24 ·59	19
22	Tues. 16	6 ·61	25 ·66	20
23	Wed. 17	7 ·63	26 ·71	21
24	Thur. 18	8 ·63	27 ·74	22
25	Fri. 19	9 ·61	1 ·75	23
26	Sat. 20	10 ·67	2 ·74	24
27	Sun. 21	11 ·51	3 ·71	25
28	Mon. 22	12 ·44	4 ·67	26
29	Tues. 23	13 ·36	5 ·62	27
30	Wed. 24	14 ·26	6 55	28
—31	Thur. 25	—A ·16	7 ·48	29
1	Fri. 26	1 ·06 2 ·96	8 ·41	—30
2	Sat. 27	3 ·86	9 ·35	1
3	Sun. 28	4 ·76	10 ·29	2
4	Mon. 29	5 ·68	11 ·23	3
5	Tues. 30	6 ·61	12 ·19	4
		Sukla.	*Bahula.*	*H. 536 Zi-l-ka'da.*
		Adhika Āshādha.		

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1142. **Kollam 318,** { **N. Malabar—Aug.** **Hijra 537.** **Vikrama 1199.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 27.** **Bengal San. 548.**
P—Paurnimā. **(N. Cycle) Krodhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Wed. 1	*Śukla.* 7 ·56	13 ·16	5	5	Tues. 1	10 ·77	20 ·09	7	6	Sun. 1	11 ·31	26 ·28	9
7	Thur. 2	8 ·53	14 ·15	6	6	Wed. 2	11 ·86	21 ·19	8	7	Mon. 2	12 ·34	27 ·33	10
8	Fri. 3	9 ·52	15 ·16	7	7	Thur. 3	12 ·95	22 ·30	9	8	Tues. 3	13 ·35	1 ·36	11
9	Sat. 4	10 ·53	16 ·18	8	8	Fri. 4	... ...	23 ·41	10	9	Wed. 4	14 ·33	2 ·37	12
10	Sun. 5	11 ·56	17 ·23	9	9	Sat. 5	13 ·02	24 ·51	11	10	Thur. 5	P ·30	3 ·36	13
11	Mon. 6	12 ·61	18 ·30	10	10	Sun. 6	14 ·08	25 ·59	12	11	Fri. 6	1 ·25	4 ·34	14
12	Tues. 7	13 ·67	19 ·39	11	11	Mon. 7	P ·12	26 ·65	13	12	Sat. 7	2 ·18	5 ·30	15
13	Wed. 8	14 ·74	20 ·49	12	12	Tues. 8	1 ·15	27 ·69	14	13	Sun. 8	3 ·10	6 ·25	16
14	Thur. 9	P ·82	21 ·60	13	13	Wed. 9	2 ·15	1 ·71	15			4 ·01		
15	Fri. 10	1 ·91	22 ·70	14	14	Thur. 10	3 ·14	2 ·72	16	14	Mon. 9	5 ·92	7 ·18	17
16	Sat. 11	2 ·99	23 ·80	15	15	Fri. 11	4 ·10	3 ·71	17	15	Tues. 10	6 ·82	8 ·12	18
17	Sun. 12	... ...	24 ·90	16			5 ·05						9 ·05	
18	Mon. 13	3 ·05	25 ·97	17	16	Sat. 12	6 ·98	4 ·67	18	16	Wed. 11	7 ·72	10 ·98	19
19	Tues. 14	4 ·09	... ...	18	17	Sun. 13	7 ·90	5 ·62	19	17	Thur. 12	8 ·62	11 ·92	20
20	Wed. 15	5 ·11	26 ·03	19	18	Mon. 14	8 ·81	6 ·57	20	18	Fri. 13	9 ·53	12 ·86	21
21	Thur 16	6 ·11	27 ·06	20	19	Tues. 15	9 ·71	7 ·51	21	19	Sat. 14	10 ·46	13 ·81	22
22	Fri. 17	7 ·09	1 ·07	21	20	Wed. 16	10 ·61	8 ·44	22	20	Sun. 15	11 ·40	14 ·78	23
23	Sat. 18	8 ·06	2 ·06	22	21	Thur. 17	11 ·51	9 ·37	23	21	Mon. 16	12 ·35	15 ·78	24
		9 ·00			22	Fri. 18	12 ·41	10 ·30	24	22	Tues. 17	13 ·32	16 ·78	25
24	Sun. 19	10 ·93	3 ·05	23	23	Sat. 19	13 ·32	11 ·25	25	23	Wed. 18	14 ·32	17 ·80	26
			4 ·01		24	Sun. 20	14 ·24	12 ·19	26	24	Thur. 19	A ·33	18 ·85	27
25	Mon. 20	11 ·84	5 ·95	24	25	Mon. 21	A ·18	13 ·15	27	25	Fri. 20	1 ·36	19 ·91	28
26	Tues. 21	12 ·75	6 ·89	25	26	Tues. 22	1 ·12	14 ·13	28	26	Sat. 21	2 ·42	... ...	29
27	Wed. 22	13 ·65	7 ·82	26	27	Wed. 23	2 ·10	15 ·12	29	27	Sun. 22	3 ·49	20 ·00	1
28	Thur. 23	14 ·54	8 ·76	27	28	Thur. 24	3 ·09	16 ·13	1	28	Mon. 23	4 ·57	21 ·09	2
29	Fri. 24	A ·44	9 ·69	28	29	Fri. 25	4 ·11	17 ·17	2	29	Tues. 24	5 ·66	22 ·20	3
30	Sat. 25	1 ·34	10 ·63	29	30	Sat. 26	5 ·14	18 ·23	3	30	Wed. 25	6 ·75	23 ·31	4
31	Sun. 26	2 ·26	11 ·57	30	1	Sun. 27	6 ·19	19 ·30	4	1	Thur. 26	7 ·83	24 ·41	5
32	Mon. 27	3 ·18	12 ·52	1	2	Mon. 28	7 ·26	20 ·39	5	2	Fri. 27	8 ·90	25 ·51	6
1	Tues. 28	4 ·11	13 ·49	2	3	Tues. 29	8 ·33	21 ·49	6	3	Sat. 28	9 ·95	26 ·59	7
2	Wed. 29	5 ·05	14 ·48	3	4	Wed. 30	9 ·42	22 ·60	7	4	Sun. 29	10 ·97	27 ·64	8
3	Thur. 30	6 ·02	15 ·48	4						5	Mon. 30	11 ·98	1 ·68	9
4	Fri. 31	7 ·01	16 ·50	5										
	Aug.					**Oct.**					**Dec.**			
5	Sat. 1	8 ·02	17 ·54	6	5	Thur. 1	10 ·51	23 ·71	8	6	Tues. 1	12 ·97	2 ·69	10
6	Sun. 2	9 ·05	18 ·61	7	6	Fri. 2	11 ·59	24 ·81	9	7	Wed. 2	13 ·94	3 ·70	11
7	Mon. 3	10 ·09	19 ·69	8	7	Sat. 3	12 ·66	25 ·89	10	8	Thur. 3	14 ·88	4 ·67	12
8	Tues. 4	11 ·16	20 ·79	9	8	Sun. 4	13 ·71	26 ·96	11	9	Fri. 4	P ·82	5 ·63	13
9	Wed. 5	12 ·24	21 ·89	10	9	Mon. 5	14 ·73	... ...	12	10	Sat. 5	1 ·74	6 ·58	14
10	Thur. 6	13 ·32	... ...	11	10	Tues. 6	P ·73	27 ·02	13	11	Sun. 6	2 ·65	7 ·52	15
11	Fri. 7	14 ·40	22 ·00	12	11	Wed. 7	1 ·72	1 ·04	14	12	Mon. 7	3 ·56	8 ·45	16
12	Sat. ○ 8	P ·48	23 ·10	13	12	Thur. 8	2 ·68	2 ·05	15	13	Tues. 8	4 ·46	9 ·39	17
13	Sun. 9	1 ·55	24 ·20	14	13	Fri. 9	3 ·63	3 ·03	16	14	Wed. 9	5 ·36	10 ·32	18
14	Mon. 10	2 ·59	25 ·28	15				4 ·00		15	Thur. 10	6 ·26	11 ·26	19
15	Tues. 11	3 ·62	26 ·34	16	14	Sat. 10	4 ·56	5 ·97	17	16	Fri. 11	7 ·18	12 ·20	20
16	Wed. 12	4 ·62	27 ·38	17	15	Sun. 11	5 ·48	6 ·91	18	17	Sat. 12	8 ·10	13 ·15	21
17	Thur. 13	5 ·60	1 ·39	18	16	Mon. 12	6 ·39	7 ·85	19	18	Sun. 13	9 ·04	14 ·12	22
18	Fri. 14	6 ·56	2 ·40	19	17	Tues. 13	7 ·30	8 ·78	20			10 ·00		
19	Sat. 15	7 ·51	3 ·37	20	18	Wed. 14	8 ·20	9 ·71	21	19	Mon. 14	11 ·97	15 ·10	23
20	Sun. 16	8 ·44	4 ·34	21	19	Thur. 15	9 ·10	10 ·65	22	20	Tues. 15	12 ·96	16 ·10	24
21	Mon. 17	9 ·36	5 ·29	22			10 ·00			21	Wed. 16	13 ·97	17 ·12	25
22	Tues. 18	10 ·27	6 ·23	23	20	Fri. 16	11 ·91	11 ·58	23	22	Thur. 17	... ...	18 ·15	26
23	Wed. 19	11 ·17	7 ·17	24	21	Sat. 17	12 ·84	12 ·53	24	23	Fri. 18	14 ·01	19 ·22	27
		12 ·07			22	Sun. 18	13 ·78	13 ·48	25	24	Sat. 19	A ·07	20 ·30	28
24	Thur. 20	13 ·98	8 ·10	25	23	Mon. 19	14 ·73	14 ·45	26	25	Sun. 20	1 ·14	21 ·40	29
			9 ·03		24	Tues. 20	A ·70	15 ·44	27	26	Mon. 21	2 ·22	22 ·50	30
25	Fri. 21	14 ·86	10 ·96	26	25	Wed. 21	1 ·68	16 ·46	28	27	Tues. 22	3 ·31	23 ·60	1
26	Sat. 22	A ·77	11 ·90	27	26	Thur. 22	2 ·70	17 ·49	29	28	Wed. 23	4 ·40	24 ·72	2
27	Sun. 23	1 ·69	12 ·86	28	27	Fri. 23	3 ·74	18 ·54	30	29	Thur. 24	5 ·48	25 ·81	3
28	Mon. 24	2 ·63	13 ·82	29	28	Sat. 24	4 ·79	19 ·61	1	30	Fri. 25	6 ·55	26 ·89	4
29	Tues. 25	3 ·58	14 ·80	30	29	Sun. 25	5 ·86	20 ·69	2	1	Sat. 26	7 ·60	27 ·95	5
30	Wed. 26	4 ·55	15 ·80	1	30	Mon. 26	6 ·94	21 ·80	3	2	Sun. 27	8 ·63	1 ·99	6
31	Thur. 27	5 ·53	16 ·81	2	1	Tues. 27	... ...	22 ·91	4	3	Mon. 28	9 ·63	... ...	7
1	Fri. 28	6 ·54	17 ·86	3	2	Wed. 28	7 ·03	... ...	5	4	Tues. 29	10 ·61	2 ·01	8
2	Sat. 29	7 ·58	18 ·92	4	3	Thur. 29	8 ·12	23 ·01	6	5	Wed. 30	11 ·58	3 ·02	9
3	Sun. 30	8 ·63	... ...	5	4	Fri. 30	9 ·20	24 ·11	7	6	Thur. 31	12 ·53	4 ·00	10
4	Mon. 31	9 ·70	19 ·01	6	5	Sat. 31	10 ·26	25 ·20	8	7			5 ·97	

Dundubhi. **Karkataka—Ādi.** *H. 536 Zi-l-hijja.* *Dundubhi.* **Kanyā—Purattāśi.** *H. 537 Śafar.* *Dundubhi.* **Vriśchika—Kārttigai.** *H. 537 Rabi-ul ākhir.*

Dundubhi. **Śiṁha—Āvaṇi.** *H. 537 Muharram.* *Dundubhi.* **Tulā—Aippaśi.** *H. 537 Rabi-ul awwal.* *Dundubhi.* **Dhanus—Mārgali.** *H. 537 Jamāda'l awwal.*

Dundubhi. **Makara—Tai.** *H. 537 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1143. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·74.** **Śaka 1065.** **Kaliyuga 4244.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·69.** (S. Cycle) **Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammaden year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammaden year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammaden year, month and day.
	Jan.						**March.**						**May.**				
			Pausha.						*Phāl.*						*Vaiśākha.*		
8	Fri.	1	13·47	6·92	11	8	Mon.	1	13·32	10·34	11	7	Sat.	1	1·89	17·72	13
9	Sat.	2	14·39	7·86	12	9	Tues.	2	14·23	11·28	12	8	Sun.	2	2·88	18·78	14
10	Sun.	3	P ·30	8·80	13	10	Wed.	3	P ·14	12·21	13	9	Mon.	3	3·88	19·77	15
11	Mon.	4	1·20	9·73	14	11	Thur.	4	1·05	13·16	14	10	Tues.	4	4·92	20·84	16
12	Tues.	5	2·10	10·66	15				2·97			11	Wed.	5	5·97	21·91	17
13	Wed.	6	3·00	11·59	16	12	Fri.	5	3·90	14·11	15	12	Thur.	6	... ...	... ...	18
			4·91			13	Sat.	6	4·85	15·08	16	13	Fri.	7	6·03	22·00	19
14	Thur.	7	5·82	12·53	17	14	Sun.	7	5·83	16·06	17	14	Sat.	8	7·11	23·10	20
15	Fri.	8	6·74	13·49	18	15	Mon.	8	6·81	17·08	18	15	Sun.	9	8·19	24·21	21
16	Sat.	9	7·68	14·45	19	16	Tues.	9	7·83	18·10	19	16	Mon.	10	9·28	25·32	22
17	Sun.	10	8·64	15·43	20	17	Wed.	10	8·86	19·15	20	17	Tues.	11	10·35	26·42	23
18	Mon.	11	9·62	16·42	21	18	Thur.	11	9·92	20·21	21	18	Wed.	12	11·41	27·50	24
19	Tues.	12	10·60	17·43	22	19	Fri.	12	10·99	21·30	22	19	Thur.	13	12·45	1·57	25
20	Wed.	13	11·61	18·48	23	20	Sat.	13	... ...	22·40	23	20	Fri.	14	13·48	2·61	26
21	Thur.	14	12·65	19·53	24	21	Sun.	14	11·07	23·51	24	21	Sat.	15	14·48	3·64	27
22	Fri.	15	13·71	20·60	25	22	Mon.	15	12·15	24·62	25	22	Sun.	16	—A ·45	4·64	28
23	Sat.	16	14·78	21·69	26	23	Tues.	16	13·23	25·72	26	23	Mon.	17	1·42	5·63	—29
24	Sun.	17	—A ·86	22·79	27	24	Wed.	17	14·31	26·81	27	24	Tues.	18	2·36	6·60	1
25	Mon.	18	1·96	23·90	28	25	Thur.	18	—A ·37	27·89	28	25	Wed.	19	3·29	7·55	2
26	Tues.	19	... ...	... ...	—29	26	Fri.	19	1·42	1·94	—29	26	Thur.	20	4·20	8·49	3
27	Wed.	20	2·04	24·02	1	27	Sat.	20	2·44	2·98	1	27	Fri.	21	5·10	9·43	4
28	Thur.	21	3·11	25·11	2	28	Sun.	21	3·45	3·99	2				6·00		
29	Fri.	22	4·18	26·20	3	29	Mon.	22	4·43	4·98	3	28	Sat.	22	7·90	10·36	5
—30	Sat.	23	5·23	27·26	4	30	Tues.	23	5·39	5·97	4	29	Sun.	23	8·80	11·29	6
1	Sun.	24	6·26	1·31	5	—31	Wed.	24	6·33	6·93	5	30	Mon.	24	9·70	12·22	7
2	Mon.	25	7·26	2·34	6	1	Thur.	25	7·26	7·88	6	—31	Tues.	25	10·61	13·16	8
3	Tues.	26	8·25	3·35	7	2	Fri.	26	8·18	8·82	7	1	Wed.	26	11·52	14·12	9
4	Wed.	27	9·22	4·33	8				9·08			2	Thur.	27	12·46	15·08	10
5	Thur.	28	10·17	5·30	9	3	Sat.	27	10·98	9·75	8	3	Fri.	28	13·41	16·05	11
6	Fri.	29	11·10	6·25	10	4	Sun.	28	11·88	10·69	9	4	Sat.	29	14·37	17·04	12
7	Sat.	30	12·01	7·20	11	5	Mon.	29	12·78	11·62	10	5	Sun.	30	P ·36	18·05	13
			13·92			6	Tues.	30	13·69	12·55	11	6	Mon.	31	1·37	19·09	14
8	Sun.	31	14·83	8·14	12	7	Wed.	31	14·60	13·49	12						
	Feb.						**April.**						**June.**				
9	Mon.	○1	*Māgha.* P ·74	9·07	13	8	Thur.	1	*Chaitra.* P ·52	14·44	13	7	Tues.	1	2·41	20·14	15
				10·00		9	Fri.	2	1·46	15·41	14	8	Wed.	2	3·46	21·21	16
10	Tues.	2	1·64	11·93	14	10	Sat.	3	2·41	16·40	15	9	Thur.	3	4·52	22·30	17
11	Wed.	3	2·54	12·88	15	11	Sun.	4	3·38	17·40	16	10	Fri.	4	5·60	23·40	18
12	Thur.	4	3·45	13·82	16	12	Mon.	5	4·36	18·42	17	11	Sat.	5	6·68	24·52	19
13	Fri.	5	4·37	14·78	17	13	Tues.	6	5·37	19·46	18	12	Sun.	6	7·76	25·62	20
14	Sat.	6	5·31	15·75	18	14	Wed.	7	6·40	20·52	19	13	Mon.	7	8·83	26·72	21
15	Sun.	7	6·26	16·74	19	15	Thur.	8	7·45	21·60	20	14	Tues.	8	9·88	27·81	22
16	Mon.	8	7·24	17·76	20	16	Fri.	9	8·52	22·70	21	15	Wed.	9	10·93	1·88	23
17	Tues.	9	8·22	18·79	21	17	Sat.	10	9·60	23·81	22	16	Thur.	10	11·96	2·92	24
18	Wed.	10	9·24	19·84	22	18	Sun.	11	10·69	24·92	23	17	Fri.	11	12·95	3·96	25
19	Thur.	11	10·27	20·91	23	19	Mon.	12	11·77	... ...	24	18	Sat.	12	13·94	4·97	26
20	Fri.	12	11·33	... ...	24	20	Tues.	13	12·84	25·02	25	19	Sun.	13	14·90	5·96	27
21	Sat.	13	12·40	21·00	25	21	Wed.	14	13·90	26·11	26	20	Mon.	14	—A 84	6·93	28
22	Sun.	14	13·48	22·09	26	22	Thur.	15	14·95	27·20	27	21	Tues.	15	1·76	7·88	29
23	Mon.	15	14·57	23·21	27	23	Fri.	16	—A ·97	1·26	28	22	Wed.	16	2·68	8·84	—30
24	Tues.	16	—A ·65	24·32	28	24	Sat.	17	1·98	2·29	29	23	Thur.	17	3·59	9·77	1
25	Wed.	17	1·73	25·42	29	25	Sun.	18	2·96	3·31	—30	24	Fri.	18	4·49	10·70	2
26	Thur.	18	2·79	26·50	—30	26	Mon.	19	3·92	4·32	1	25	Sat.	19	5·39	11·63	3
27	Fri.	19	3·84	27·57	1	27	Tues.	20	4·86	5·30	2	26	Sun.	20	6·28	12·56	4
28	Sat.	20	4·87	1·63	2	28	Wed.	21	5·79	6·26	3	27	Mon.	21	7·18	13·51	5
—29	Sun.	21	5·87	2·66	3	29	Thur.	22	6·71	7·21	4	28	Tues.	22	8·08	14·46	6
1	Mon.	22	6·86	3·67	4	30	Fri.	23	7·61	8·15	5				9·00		
2	Tues.	23	7·82	4·66	5	—31	Sat.	24	8·51	9·09	6	29	Wed.	23	10·93	15·41	7
3	Wed.	24	8·77	5·63	6					10·03		30	Thur.	24	11·88	16·37	8
4	Thur.	25	9·70	6·60	7	1	Sun.	25	9·41	11·96	7	31	Fri.	25	12·86	17·86	9
5	Fri.	26	10·62	7·54	8	2	Mon.	26	10·31	12·89	8	—32	Sat.	26	13·84	18·88	10
6	Sat.	27	11·52	8·48	9	3	Tues.	27	11·21	13·83	9	1	Sun.	27	14·85	19·40	11
7	Sun.	28	12·42	9·41	10	4	Wed.	28	12·12	14·77	10	2	Mon.	28	P ·88	20·45	12
									Vaiśakha.						*Āshādha.*		
						5	Thur.	29	13·03	15·75	11	3	Tues.	29	1·93	21·52	13
									14·96			4	Wed.	30	2·99	22·60	14
						6	Fri.	30	P ·92	16·73	12						

Dundubhi. **Makara—Tai.** *Rudhirodgārin.* **Kumbha—Māśi.** *Dundubhi.* **Mīna—Pānguni.** *Rudhirodgārin.* **Mēsha—Chittirai.** *Rudhirodgārin.* **Vrishabha—Vaigāśi.** *Rudhirodgārin.* **Mithuna—Āni.**

H. 537 Jamādo'l akhir. *H. 537 Śha'bān.* *H. 537 Rajab.* *H. 537 Śha'bān.* *H. 537 Ramazān.* *H. 537 Shawwāl.* *H. 537 Shawwāl.* *H. 537 Zi-l-ka'da.* *H. 537 Zi-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1143. **Kollam 319,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 538.** Commences **July 16.** **Vikrama 1200.** **Bengal San. 549.** **(N. Cycle) Kshaya.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Thur.	1		23·71	15	5	Wed.	1			18	6	Mon.	1		9·47	20
6	Fri.	2		24·82	16	6	Thur.	2			19	7	Tues.	2		10·40	21
7	Sat.	3		25·92	17	7	Fri.	3			20	8	Wed.	3		11·34	22
8	Sun.	4			18	8	Sat.	4			21	9	Thur.	4		12·26	23
9	Mon.	5		26·02	19	9	Sun.	5			22	10	Fri.	5		13·19	24
10	Tues.	6		27·11	20	10	Mon.	6			23	11	Sat.	6		14·14	25
11	Wed.	7		1·18	21	11	Tues.	7			24	12	Sun.	7		15·08	26
12	Thur.	8		2·25	22	12	Wed.	8			25	13	Mon.	8		16·03	27
13	Fri.	9		3·28	23	13	Thur.	9			26	14	Tues.	9		17·00	28
14	Sat.	10		4·29	24												
15	Sun.	11		5·28	25	14	Fri.	10			27	15	Wed.	10			29
16	Mon.	12		6·26	26	15	Sat.	11			28	16	Thur.	11		19·00	1
17	Tues.	13		7·23	27	16	Sun.	12			29	17	Fri.	12		20·02	2
18	Wed.	14		8·17	28	17	Mon.	13			1	18	Sat.	13		21·06	3
19	Thur.	15		9·11	29	18	Tues.	14			2	19	Sun.	14		22·13	4
20	Fri.	16			1	19	Wed.	15			3	20	Mon.	15		23·21	5
21	Sat.	17		12·91	2	20	Thur.	16			4	21	Tues.	16		24·31	6
22	Sun.	18		13·84	3	21	Fri.	17			5	22	Wed.	17		25·42	7
23	Mon.	19		14·79	4	22	Sat.	18			6	23	Thur.	18			8
24	Tues.	20		15·74	5	23	Sun.	19			7	24	Fri.	19		27·63	9
25	Wed.	21		16·70	6	24	Mon.	20			8	25	Sat.	20		1·72	10
26	Thur.	22		17·70	7	25	Tues.	21			9	26	Sun.	21		2·80	11
27	Fri.	23		18·70	8	26	Wed.	22			10	27	Mon.	22		3·86	12
28	Sat.	24		19·72	9	27	Thur.	23			11	28	Tues.	23		4·90	13
29	Sun.	25		20·76	10	28	Fri.	24			12	29	Wed.	24		5·91	14
30	Mon.	26		21·82	11	29	Sat.	25			13	30	Thur.	25		6·91	15
31	Tues.	27		22·90	12	30	Sun.	26			14	1	Fri.	26		7·88	16
1	Wed.	28			13	31	Mon.	27			15	2	Sat.	27		8·85	17
2	Thur.	29			14	1	Tues.	28			16	3	Sun.	28		9·80	18
3	Fri.	30			15	2	Wed.	29			17	4	Mon.	29		10·74	19
4	Sat.	31			16	3	Thur.	30			18	5	Tues.	30		11·67	20
	Aug.						**Oct.**						**Dec.**				
5	Sun.	1		26·32	17	4	Fri.	1			19	6	Wed.	1		12·60	21
6	Mon.	2		27·41	18							7	Thur.	2		13·54	22
7	Tues.	3		1·50	19	5	Sat.	2			20	8	Fri.	3		14·48	23
8	Wed.	4		2·56	20	6	Sun.	3			21	9	Sat.	4		15·42	24
9	Thur.	5		3·60	21	7	Mon.	4			22	10	Sun.	5		16·37	25
10	Fri.	6		4·61	22	8	Tues.	5			23	11	Mon.	6		17·33	26
11	Sat.	7		5·61	23	9	Wed.	6			24	12	Tues.	7		18·32	27
12	Sun.	8		6·60	24	10	Thur.	7			25	13	Wed.	8		19·32	28
13	Mon.	9		7·56	25							14	Thur.	9		20·34	29
14	Tues.	10		8·51	26	11	Fri.	8			26	15	Fri.	10		21·37	30
15	Wed.	11		9·45	27	12	Sat.	9			27	16	Sat.	11		22·43	1
16	Thur.	12		10·38	28	13	Sun.	10			28	17	Sun.	12		23·52	2
17	Fri.	13		11·32	29	14	Mon.	11			29	18	Mon.	13		24·62	3
18	Sat.	14		12·25	30	15	Tues.	12			30	19	Tues.	14		25·72	4
19	Sun.	15		13·18	1							20	Wed.	15		26·83	5
20	Mon.	16		14·12	2	16	Wed.	13			1	21	Thur.	16		27·93	6
21	Tues.	17		15·07	3	17	Thur.	14			2	22	Fri.	17			7
22	Wed.	18		16·03	4	18	Fri.	15			3	23	Sat.	18		1·02	8
23	Thur.	19		17·02	5	19	Sat.	16			4	24	Sun.	19		2·11	9
24	Fri.	20		18·02	6	20	Sun.	17			5	25	Mon.	20		3·17	10
25	Sat.	21		19·03	7	21	Mon.	18			6	26	Tues.	21		4·21	11
26	Sun.	22		20·07	8	22	Tues.	19			7	27	Wed.	22		5·23	12
27	Mon.	23		21·13	9	23	Wed.	20			8	28	Thur.	23		6·23	13
28	Tues.	24		22·22	10	24	Thur.	21			9	29	Fri.	24		7·22	14
29	Wed.	25		23·31	11	25	Fri.	22			10	1	Sat.	25		8·19	15
30	Thur.	26		24·41	12	26	Sat.	23			11	2	Sun.	26		9·14	16
31	Fri.	27		25·52	13	27	Sun.	24			12	3	Mon.	27		10·08	17
1	Sat.	28		26·62	14	28	Mon.	25			13	4	Tues.	28		11·01	18
2	Sun.	29		27·73	15	29	Tues.	26			14	5	Wed.	29		13·88	19
3	Mon.	30		1·81	16	1	Wed.	27			15	6	Thur.	30		14·81	20
4	Tues.	31		2·87	17	2	Thur.	28			16	7	Fri.	31		15·75	21
						3	Fri.	29			17						
						4	Sat.	30			18						
						5	Sun.	31			19						

Rudhirodgārin. **Karkaṭaka—Ādi.** *Rudhirodgārin.* **Siṁha—Āvaṇi.** *Rudhirodgārin.* **Kanyā—Puraṭṭāśi.** *Rudhirodgārin.* **Tulā—Aippaśi.** *Rudhirodgārin.* **Vṛśchika—Kārttigai.** *Rudhirodgārin.* **Dhanus—Mārgaḷi.** *Rudhirodgārin.* **Makara—Tai.**

Śukla. **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyaishṭha.** *Bahula.* **Āshāḍha.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyaishṭha.**

H. 537 Ẓī-l-ḥijja. *H. 538 Muharram.* *H. 538 Ṣafar.* *H. 538 Rabī-ul awwal.* *H. 538 Rabī-ul ākhir.* *H. 538 Jamāda'l awwal.* *H. 538 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1144. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·00.** **Śaka 1066.** **Kaliyuga 4245.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·95.** **(S. Cycle) Raktāksha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sat.	1	9 ·10	16 ·70	22	8	Wed.	1	10 ·12	21 ·32	23	8	Mon.	1	12 ·53	27 ·43	25
9	Sun.	2	10 ·03 / 11 ·97	17 ·66	23	9	Thur.	2	11 ·13	22 ·37	24	9	Tues.	2	13 ·61	1 ·54	26
10	Mon.	3	12 ·93	18 ·65	24	10	Fri.	3	12 ·17	23 ·42	25	10	Wed.	3	14 ·69	2 ·63	27
11	Tues.	4	13 ·90	19 ·64	25	11	Sat.	4	13 ·23	24 ·52	26	11	Thur.	4	—**A** ·75	3 ·72	28
12	Wed.	5	14 ·88	20 ·65	26	12	Sun.	5	14 ·30	25 ·62	27	12	Fri.	5	1 ·79	4 ·79	—29
13	Thur.	6	—**A** ·91	21 ·69	27	13	Mon.	6	—**A** ·38	26 ·73	28	13	Sat.	6	2 ·81	5 ·83	1
14	Fri.	7	1 ·94	22 ·74	28	14	Tues.	7	1 ·46	27 ·84	—29	14	Sun.	7	3 ·80	6 ·85	2
15	Sat.	8	... ...	23 ·83	—29	15	Wed.	8	2 ·55	1 ·94	1	15	Mon.	8	4 ·78	7 ·85	3
16	Sun.	9	2 ·00	24 ·92	1	16	Thur.	9	3 ·62	... ...	2	16	Tues.	9	5 ·74	8 ·85	4
17	Mon.	10	3 ·08	... ...	2	17	Fri.	10	4 ·69	2 ·03	3	17	Wed.	10	6 ·68	9 ·81	5
18	Tues.	11	4 ·17	25 ·02	3	18	Sat.	11	5 ·73	3 ·10	4	18	Thur.	11	7 ·61	10 ·77	6
19	Wed.	12	5 ·25	26 ·12	4	19	Sun.	12	6 ·75	4 ·16	5	19	Fri.	12	8 ·52	11 ·71	7
20	Thur.	13	6 ·34	27 ·23	5	20	Mon.	13	7 ·75	5 ·20	6	20	Sat.	13	9 ·42	12 ·64	8
21	Fri.	14	7 ·42	1 ·34	6	21	Tues.	14	8 ·73	6 ·21	7	21	Sun.	14	10 ·32	13 ·58	9
22	Sat.	15	8 ·48	2 ·42	7	22	Wed.	15	9 ·69	7 ·20	8	22	Mon.	15	11 ·22	14 ·50	10
23	Sun.	16	9 ·53	3 ·48	8	23	Thur.	16	10 ·63	8 ·18	9	23	Tues.	16	12 ·12	15 ·44	11
24	Mon.	17	10 ·55	4 ·53	9	24	Fri.	17	11 ·56	9 ·14	10	24	Wed.	17	13 ·02 / 14 ·93	16 ·38	12
25	Tues.	18	11 ·56	5 ·55	10	25	Sat.	18	12 ·48	10 ·10	11	25	Thur.	18	**P** ·85	17 ·33	13
26	Wed.	19	12 ·54	6 ·57	11	26	Sun.	19	13 ·39	11 ·04 / 12 ·97	12	26	Fri.	19	1 ·78	18 ·30	14
27	Thur.	20	13 ·51	7 ·55	12	27	Mon.	20	14 ·29	13 ·90	13	27	Sat.	20	2 ·73	19 ·27	15
28	Fri.	21	14 ·45	8 ·52	13	28	Tues.	21	**P** ·19	14 ·83	14	28	Sun.	21	3 ·71	20 ·26	16
29	Sat.	○22	**P** ·38	9 ·47	14	29	Wed.	22	1 ·09 / 2 ·99	15 ·77	15	29	Mon.	22	4 ·69	21 ·27	17
—30	Sun.	23	1 ·30	10 ·42	15							30	Tues.	23	5 ·71	22 ·30	18
1	Mon.	24	2 ·21	11 ·36	16	—30	Thur.	23	3 ·90	16 ·71	16	—31	Wed.	24	6 ·74	23 ·35	19
2	Tues.	25	3 ·12	12 ·29	17	1	Fri	24	4 ·82	17 ·66	17	1	Thur.	25	7 ·80	24 ·43	20
3	Wed.	26	4 ·02 / 5 ·92	13 ·22	18	2	Sat.	25	5 ·76	18 ·63	18	2	Fri.	26	8 ·86	25 ·52	21
4	Thur.	27	6 ·82	14 ·15	19	3	Sun.	26	6 ·71	19 ·61	19	3	Sat.	27	9 ·94	26 ·62	22
5	Fri.	28	7 ·73	15 ·09	20	4	Mon.	27	7 ·69	20 ·62	20	4	Sun.	28	... ...	27 ·73	23
6	Sat.	29	8 ·66	16 ·03	21	5	Tues.	28	8 ·68	21 ·64	21	5	Mon.	29	10 ·02	1 ·84	24
7	Sun.	30	9 ·60	17 ·00 / 18 ·97	22	6	Wed.	29	9 ·68	22 ·68	22	6	Tues.	30	11 ·10	2 ·94	25
8	Mon.	31	10 ·56	19 ·96	23	7	Thur.	30	10 ·72	23 ·74	23	7	Wed.	31	12 ·17	... ...	26
		Feb.				8	Fri.	31	11 ·78	24 ·82	24						
								April.						**June.**			
9	Tues.	1	11 ·53	20 ·97	24	9	Sat.	1	12 ·85	25 ·92	25	8	Thur.	1	13 ·23	3 ·03	27
10	Wed.	2	12 ·52	... ...	25	10	Sun.	2	13 ·93	... ...	26	9	Fri.	2	14 ·27	4 ·10	28
11	Thur.	3	13 ·53	21 ·00	26	11	Mon.	3	... ...	26 ·02	27	10	Sat.	3	—**A** ·29	5 ·14	29
12	Fri.	4	14 ·56	22 ·06	27	12	Tues.	4	14 ·02	27 ·13	28	11	Sun.	4	1 ·29	6 ·17	—30
13	Sat.	5	—**A** ·62	23 ·13	28	13	Wed.	5	—**A** ·10	1 ·24	29	12	Mon.	5	2 ·27	7 ·19	1
14	Sun.	6	1 ·70	24 ·22	29	14	Thur.	6	1 ·17	2 ·33	—30	13	Tues.	6	3 ·22	8 ·17	2
15	Mon.	7	2 ·79	25 ·32	—30	15	Fri.	7	2 ·23	3 ·41	1	14	Wed.	7	4 ·16	9 ·15	3
16	Tues.	8	3 ·88	26 ·42	1	16	Sat.	8	3 ·27	4 ·48	2	15	Thur.	8	5 ·09	10 ·10	4
17	Wed.	9	4 ·96	27 ·54	2	17	Sun.	9	4 ·30	5 ·51	3	16	Fri.	9	6 ·00 / 7 ·90	11 ·05 / 12 ·99	5
18	Thur.	10	... ...	1 ·64	3	18	Mon.	10	5 ·29	6 ·53	4						
19	Fri.	11	5 ·03	2 ·72	4	19	Tues.	11	6 ·28	7 ·53	5	17	Sat.	10	8 ·80	13 ·92	6
20	Sat.	12	6 ·10	3 ·79	5	20	Wed.	12	7 ·24	8 ·51	6	18	Sun.	11	9 ·70	14 ·85	7
21	Sun.	13	7 ·15	4 ·84	6	21	Thur.	13	8 ·18	9 ·48	7	19	Mon.	12	10 ·60	15 ·78	8
22	Mon.	14	8 ·16	5 ·88	7	22	Fri.	14	9 ·10	10 ·43	8	20	Tues.	13	11 ·50	16 ·72	9
23	Tues.	15	9 ·17	6 ·89	8	23	Sat.	15	10 ·01 / 11 ·92	11 ·37	9	21	Wed.	14	12 ·41	17 ·66	10
24	Wed.	16	10 ·15	7 ·88	9							22	Thur.	15	13 ·33	18 ·63	11
25	Thur.	17	11 ·12	8 ·85	10	24	Sun.	16	12 ·82	12 ·31	10	23	Fri.	16	14 ·26	19 ·60	12
26	Fri.	18	12 ·06 / 13 ·99	9 ·81	11	25	Mon.	17	13 ·72	13 ·23	11	24	Sat.	17	**P** ·21	20 ·58	13
27	Sat.	19	14 ·91	10 ·75	12	26	Tues.	18	14 ·62	14 ·17	12	25	Sun.	18	1 ·18	21 ·59	14
28	Sun.	20	**P** ·82	11 ·70	13	27	Wed.	19	**P** ·52	15 ·11	13	26	Mon.	19	2 ·18	22 ·62	15
29	Mon.	21	1 ·72	12 ·63	14	28	Thur.	20	1 ·43	16 ·05 / 17 ·99	14	27	Tues.	20	3 ·19	23 ·67	16
—30	Tues.	22	2 ·62	13 ·56	15	29	Fri.	21	2 ·35	18 ·96	15	28	Wed.	21	4 ·22	24 ·74	17
1	Wed.	23	3 ·52	14 ·49	16	30	Sat.	22	3 ·29	19 ·94	16	29	Thur.	22	5 ·27	25 ·82	18
2	Thur.	24	4 ·42	15 ·42	17	—31	Sun.	23	4 ·24	20 ·94	17	30	Fri.	23	6 ·33	26 ·92	19
3	Fri.	25	5 ·34	16 ·38	18	1	Mon.	24	5 ·21	21 ·95	18	31	Sat.	24	7 ·41	... ...	20
4	Sat.	26	6 ·26	17 ·33	19	2	Tues.	25	6 ·20	22 ·99	19	—32	Sun.	25	8 ·49	27 ·03	21
5	Sun.	27	7 ·19	18 ·30	20	3	Wed.	26	7 ·22	... ...	20	1	Mon.	26	9 ·58	1 ·14	22
6	Mon.	28	8 ·15	19 ·28	21	4	Thur.	27	8 ·25	23 ·05	21	2	Tues.	27	10 ·65	2 ·24	23
7	Tues.	29	9 ·12	20 ·29	22	5	Fri.	28	9 ·30	24 ·13	22	3	Wed.	28	11 ·71	3 ·33	24
						6	Sat.	29	10 ·36	25 ·22	23	4	Thur.	29	12 ·75	4 ·40	25
						7	Sun.	30	11 ·44	26 ·32	24	5	Fri.	30	13 ·77	5 ·46	26

Rudhirodgārin. **Makara—Tai.** Sukla. **Māgha.** Bahula. H. 538 Rajab.
Rudhirodgārin. **Kumbha—Māsi.** Sukla. **Phālguna.** Bahula. H. 538 Sha'bān.
Rudhirodgārin. **Mīna—Paṅguni.** Bahula. **Chaitra.** Sukla. H. 538 Ramaḍn.
Raktāksha. **Mēsha—Chittirai.** Sukla. **Vaiśākha.** Bahula. H. 538 Shawwāl.
Raktāksha. **Vṛishabha—Vaigāśi.** Bahula. **Jyeshṭha.** Sukla. H. 538 Zi-l-ka'da.
Raktāksha. **Mithuna—Āni.** Sukla. **Āshāḍha.** Bahula. H. 538 Zi-l-hijja.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1144. **Kollam 320,** { **N. Malabar—Aug.** **Hijra 539.** **Vikrama 1201.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 4.** **Bengal San. 550.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sat.	1	14 ·76	6 ·50	27	6	Fri.	1	2 ·31	14 ·87	1	6	Wed.	1	5 ·93	20 ·22	3
7	Sun.	2	—A ·74	7 ·51	28	7	Sat.	2	3 ·21	15 ·81	2	7	Thur.	2	6 ·90	21 ·21	4
8	Mon.	3	1 ·70	8 ·50	—29	8	Sun.	3	4 ·11	16 ·74	3	8	Fri.	3	7 ·89	22 ·21	5
9	Tues.	4	2 ·64	9 ·48	1	9	Mon.	4	{ 5 ·01	17 ·68	4	9	Sat.	4	8 ·91	23 ·23	6
10	Wed.	5	3 ·57	10 ·44	2				6 ·92			10	Sun.	5	9 ·95	24 ·28	7
11	Thur.	6	4 ·48	11 ·39	3	10	Tues.	5	7 ·84	18 ·62	5	11	Mon.	6	... ...	25 ·35	8
12	Fri.	7	5 ·38	12 ·33	4	11	Wed.	6	8 ·78	19 ·58	6	12	Tues.	7	10 ·01	26 ·43	9
13	Sat.	8	6 ·28	13 ·26	5	12	Thur.	7	9 ·73	20 ·57	7	13	Wed.	8	11 ·08	27 ·53	10
14	Sun.	9	7 ·18	14 ·19	6	13	Fri.	8	10 ·71	21 ·56	8	14	Thur.	9	12 ·16	1 ·63	11
15	Mon.	10	{ 8 ·08	15 ·12	7	14	Sat.	9	11 ·70	22 ·57	9	15	Fri.	10	13 ·26	2 ·75	12
			9 ·98			15	Sun.	10	12 ·72	23 ·60	10	16	Sat.	11	14 ·35	3 ·85	13
16	Tues.	11	10 ·89	16 ·05	8	16	Mon.	11	13 ·75	24 ·66	11	17	Sun.	12	P ·42	4 ·94	14
17	Wed.	12	11 ·81	{ 17 ·01	9	17	Tues.	12	14 ·80	25 ·74	12	18	Mon.	13	1 ·48	... ...	15
				{ 18 ·96		18	Wed.	13	P ·87	26 ·83	13	19	Tues.	14	2 ·53	5 ·02	16
18	Thur.	13	12 ·74	19 ·92	10	19	Thur.	14	1 ·95	27 ·93	14	20	Wed.	15	3 ·55	6 ·07	17
19	Fri.	14	13 ·69	20 ·91	11	20	Fri.	15	... ...	... ...	15	21	Thur.	16	4 ·55	7 ·12	18
20	Sat.	15	14 ·66	21 ·91	12	21	Sat.	16	2 ·04	1 ·04	16	22	Fri.	17	5 ·53	8 ·13	19
21	Sun.○	16	P ·66	22 ·94	13	22	Sun.	17	3 ·12	2 ·14	17	23	Sat.	18	6 ·50	9 ·13	20
22	Mon.	17	1 ·67	23 ·98	14	23	Mon.	18	4 ·20	3 ·24	18	24	Sun.	19	7 ·44	10 ·10	21
23	Tues.	18	2 ·70	... ...	15	24	Tues.	19	5 ·26	4 ·33	19	25	Mon.	20	8 ·37	11 ·06	22
24	Wed.	19	3 ·75	24 ·04	16	25	Wed.	20	6 ·30	5 ·40	20	26	Tues.	21	9 ·29	{ 12 ·02	23
25	Thur.	20	4 ·82	25 ·12	17	26	Thur.	21	7 ·33	6 ·45	21					{ 13 ·96	
26	Fri.	21	5 ·90	26 ·22	18	27	Fri.	22	8 ·33	7 ·47	22	27	Wed.	22	10 ·20	14 ·89	24
27	Sat.	22	6 ·98	27 ·32	19	28	Sat.	23	9 ·32	8 ·48	23	28	Thur.	23	11 ·10	15 ·82	25
28	Sun.	23	... ...	1 ·44	20	29	Sun.	24	10 ·28	9 ·47	24				{ 12 ·00		
29	Mon.	24	7 ·06	2 ·54	21	30	Mon.	25	11 ·22	10 ·44	25	—29	Fri.	24	{ 13 ·91	16 ·75	26
30	Tues.	25	8 ·13	3 ·64	22	—31	Tues.	26	12 ·15	11 ·40	26	1	Sat.	25	14 ·82	17 ·69	27
—31	Wed.	26	9 ·19	4 ·71	23				{ 13 ·07			2	Sun.	26	—A ·73	18 ·64	28
1	Thur.	27	10 ·24	5 ·78	24	1	Wed.	27	{ 14 ·97	12 ·34	27	3	Mon.	27	1 ·66	19 ·59	29
2	Fri.	28	11 ·27	6 ·82	25	2	Thur.	28	—A ·87	13 ·28	28	4	Tues.	28	2 ·60	20 ·55	—30
3	Sat.	29	12 ·25	7 ·83	26	3	Fri.	29	1 ·77	14 ·22	29	5	Wed.	29	3 ·56	21 ·53	1
4	Sun.	30	13 ·23	8 ·83	27	4	Sat.	30	2 ·67	15 ·15	—30	6	Thur.	30	4 ·53	22 ·53	2
5	Mon.	31	14 ·19	9 ·81	28												
	Aug.						**Oct.**						**Dec.**				
6	Tues.	1	—A ·14	10 ·77	29	5	Sun.	1	3 ·58	16 ·08	1	7	Fri.	1	5 ·54	23 ·56	3
7	Wed.	2	{ 1 ·07	11 ·73	—30	6	Mon.	2	4 ·49	{ 17 ·01	2	8	Sat.	2	6 ·55	24 ·60	4
			{ 2 ·98							{ 18 ·96		9	Sun.	3	7 ·59	25 ·66	5
8	Thur.	3	3 ·88	12 ·67	1	7	Tues.	3	5 ·41	19 ·92	3	10	Mon.	4	8 ·65	26 ·73	6
9	Fri.	4	4 ·78	13 ·60	2	8	Wed.	4	6 ·35	20 ·89	4	11	Tues.	5	9 ·72	27 ·83	7
10	Sat.	5	5 ·68	14 ·53	3	9	Thur.	5	7 ·31	21 ·87	5	12	Wed.	6	10 ·80	1 ·94	8
11	Sun.	6	6 ·58	15 ·46	4	10	Fri.	6	8 ·29	22 ·89	6	13	Thur.	7	11 ·89	... ...	9
12	Mon.	7	7 ·48	16 ·40	5	11	Sat.	7	9 ·28	23 ·92	7	14	Fri.	8	12 ·99	2 ·05	10
13	Tues.	8	8 ·39	17 ·34	6	12	Sun.	8	10 ·30	24 ·98	8	15	Sat.	9	... ...	3 ·15	11
14	Wed.	9	9 ·31	18 ·29	7	13	Mon.	9	11 ·34	... ...	9	16	Sun.	10	13 ·06	4 ·24	12
15	Thur.	10	10 ·25	19 ·25	8	14	Tues.	10	12 ·39	25 ·04	10	17	Mon.	11	14 ·12	5 ·32	13
16	Fri.	11	11 ·20	20 ·23	9	15	Wed.	11	13 ·46	26 ·13	11	18	Tues.	12	P ·17	6 ·39	14
17	Sat.	12	12 ·17	21 ·24	10	16	Thur.	12	14 ·54	27 ·23	12	19	Wed.	13	1 ·19	7 ·43	15
18	Sun.	13	13 ·16	22 ·25	11	17	Fri.	13	P ·63	1 ·33	13	20	Thur.	14	2 ·19	8 ·45	16
19	Mon.	14	14 ·17	23 ·29	12	18	Sat.	14	1 ·72	2 ·44	14	21	Fri.	15	3 ·18	9 ·45	17
20	Tues.	15	P ·21	24 ·35	13	19	Sun.	15	2 ·80	3 ·55	15	22	Sat.	16	4 ·14	10 ·43	18
21	Wed.	16	1 ·26	25 ·43	14	20	Mon.	16	3 ·86	4 ·64	16	23	Sun.	17	5 ·08	11 ·41	19
22	Thur.	17	2 ·33	26 ·55	15	21	Tues.	17	4 ·90	5 ·71	17	24	Mon.	18	{ 6 ·01	12 ·36	20
23	Fri.	18	3 ·41	27 ·63	16	22	Wed.	18	5 ·92	6 ·76	18				{ 7 ·94		
24	Sat.	19	4 ·50	1 ·74	17	23	Thur.	19	6 ·93	7 ·79	19	25	Tues.	19	8 ·85	13 ·30	21
25	Sun.	20	5 ·58	2 ·84	18	24	Fri.	20	7 ·91	8 ·81	20	26	Wed.	20	9 ·75	14 ·28	22
26	Mon.	21	6 ·65	3 ·94	19	25	Sat.	21	8 ·87	9 ·80	21	27	Thur.	21	10 ·65	15 ·16	23
27	Tues.	22	7 ·71	... ...	20	26	Sun.	22	9 ·81	10 ·77	22	28	Fri.	22	11 ·55	16 ·09	24
28	Wed.	23	8 ·75	4 ·03	21	27	Mon.	23	10 ·74	11 ·73	23	29	Sat.	23	12 ·46	{ 17 ·03	25
29	Thur.	24	9 ·78	5 ·09	22	28	Tues.	24	11 ·67	12 ·68	24					{ 18 ·97	
30	Fri.	25	10 ·77	6 ·13	23	29	Wed.	25	12 ·57	13 ·62	25	—30	Sun.	24	13 ·38	19 ·92	26
—31	Sat.	26	11 ·75	7 ·15	24	—30	Thur.	26	13 ·47	14 ·55	26	1	Mon.	25	14 ·31	20 ·88	27
1	Sun.	27	12 ·71	8 ·15	25	1	Fri.	27	14 ·37	15 ·48	27	2	Tues.●	26	—A ·25	21 ·86	28
2	Mon.	28	13 ·65	9 ·13	26	2	Sat.	28	—A ·27	16 ·41	28	3	Wed.	27	1 ·21	22 ·86	—29
3	Tues.	29	14 ·58	10 ·11	27	3	Sun.	29	1 ·18	17 ·35	—29	4	Thur.	28	2 ·18	23 ·87	1
4	Wed.	30	—A ·50	11 ·06	28	4	Mon.	30	2 ·09	18 ·30	1	5	Fri.	29	3 ·18	24 ·91	2
				{ 12 ·00					{ 3 ·02			6	Sat.	30	4 ·19	25 ·96	3
5	Thur.	31	1 ·41	{ 13 ·94	—29	5	Tues.	31	{ 4 ·97	19 ·25	2	7	Sun.	31	5 ·23	... ...	4

Rakṭāksha. **Karkataka—Ādi.** *Śukla.* *Bahula.* *H. 539 Muharram.*
Rakṭāksha. **Kanyā—Purattāśi.** *Śukla.* *Bahula.* *H. 539 Rabi-ul awwal.*
Rakṭāksha. **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* *H. 539 Jamāda'l awwal.*
Rakṭāksha. **Simha—Āvaṇi.** *Śukla.* *Bahula.* *H. 539 Śafar.*
Rakṭāksha. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *H. 539 Rabi-ul ākhir.*
Rakṭāksha. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *H. 539 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1145. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·26.** **Śaka 1067.** **Kaliyuga 4246.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·21.** **(S. Cycle) Krodhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Mon. 1	6 ·29	26 ·04	5	8	Thur. 1	6 ·85	3 ·05	5	8	Tues. 1	*Śukla.* 7 ·12	9 ·07	7
9	Tues. 2	7 ·37	27 ·14	6	9	Fri. 2	7 ·93	4 ·16	6	9	Wed. 2	8 ·10	10 ·07	8
10	Wed. 3	*Śukla.* 8 ·45	1 ·24	7	10	Sat. 3	*Śukla.* 8 ·99	5 ·25	7	10	Thur. 3	9 ·06	11 ·07	9
11	Thur. 4	9 ·54	2 ·34	8	11	Sun. 4	:: ::	6 ·32	8	11	Fri. 4	{ 10 ·00	12 ·03 }	10
12	Fri. 5	10 ·63	3 ·45	9	12	Mon. 5	9 ·04	7 ·37	9			{ 11 ·92	13 ·99 }	
13	Sat. 6	11 ·70	4 ·55	10	13	Tues. 6	10 ·06	8 ·41	10	12	Sat. 5	12 ·88	14 ·93	11
14	Sun. 7	12 ·76	5 ·64	11	14	Wed. 7	11 ·05	9 ·43	11	13	Sun. 6	13 ·73	15 ·86	12
15	Mon. 8	13 ·81	6 ·70	12	15	Thur. 8	{ 12 ·03	10 ·42	12	14	Mon. 7	14 ·63	16 ·79	13
16	Tues. 9	14 ·84	7 ·75	13			{ 13 ·99			15	Tues. 8	ℙ ·53	17 ·73	14
17	Wed. 10	ℙ ·84	8 ·77	14	16	Fri. 9	14 ·98	11 ·40	13	16	Wed. 9	1 ·43	18 ·66	15
18	Thur. 11	1 ·82	9 ·78	15	17	Sat. 10	ℙ ·86	12 ·36	14	17	Thur. 10	2 ·33	19 ·60	16
19	Fri. 12	2 ·78	10 ·76	16	18	Sun. 11	1 ·78	13 ·31	15	18	Fri. 11	3 ·24	20 ·55	17
20	Sat. 13	3 ·73	11 ·74	17	19	Mon. 12	2 ·69	14 ·25	16	19	Sat. 12	4 ·16	21 ·51	18
21	Sun. 14	4 ·66	12 ·69	18	20	Tues. 13	3 ·59	15 ·19	17	20	Sun. 13	5 ·10	22 ·48	19
22	Mon. 15	5 ·58	13 ·63	19	21	Wed. 14	4 ·49	16 ·12	18	21	Mon. 14	6 ·05	23 ·48	20
23	Tues. 16	6 ·49	14 ·57	20				17 ·05 }		22	Tues. 15	7 ·02	24 ·49	21
24	Wed. 17	7 ·39	15 ·50	21	22	Thur. 15	5 ·39	18 ·98 }	19	23	Wed. 16	8 ·02	25 ·52	22
25	Thur. 18	8 ·29	16 ·44	22	23	Fri. 16	6 ·29	19 ·93	20	24	Thur. 17	9 ·03	26 ·57	23
26	Fri. 19	9 ·19	17 ·37	23	24	Sat. 17	7 ·20	20 ·88	21	25	Fri. 18	10 ·07	27 ·65	24
27	Sat. 20	10 ·09	18 ·31	24	25	Sun. 18	8 ·13	21 ·85	22	26	Sat. 19	11 ·12	1 ·74	25
28	Sun. 21	{ 11 ·01	19 ·25	25	26	Mon. 19	9 ·07	22 ·83	23	27	Sun. 20	12 ·19	2 ·84	26
		{ 12 ·94			27	Tues. 20	10 ·03	23 ·88	24	28	Mon. 21	13 ·27	3 ·95	27
29	Mon. 22	13 ·88	20 ·21	26	28	Wed. 21	{ 11 ·00	24 ·86	25	29	Tues. 22	14 ·35	... ...	28
1	Tues. 23	14 ·84	21 ·19	27			{ 12 ·99			30	Wed. 23	A ·43	4 ·06	29
2	Wed. 24	A ·82	22 ·18	28	29	Thur. 22	:: ::	25 ·90	26	31	Thur. 24	1 ·50	5 ·15	30
3	Thur. 25	1 ·81	23 ·19	29	30	Fri. 23	13 ·01	26 ·96	27	32	Fri. 25	2 ·56	6 ·25	1
4	Fri. 26	2 ·83	24 ·22	30	1	Sat. 24	14 ·04	... ...	28	1	Sat. 26	3 ·59	7 ·31	2
5	Sat. 27	3 ·87	25 ·27	1	2	Sun. 25	A ·09	27 ·04	29	2	Sun. 27	4 ·62	8 ·36	3
6	Sun. 28	4 ·92	26 ·35	2	3	Mon. 26	1 ·16	1 ·18	30	3	Mon. 28	5 ·61	9 ·39	4
7	Mon. 29	:: ...	27 ·44	3	4	Tues. 27	2 ·25	2 ·24	1	4	Tues. 29	6 ·58	10 ·40	5
8	Tues. 30	5 ·00	1 ·54	4	5	Wed. 28	3 ·33	3 ·35	2	5	Wed. 30	*Śukla.* 7 ·54	11 ·40	6
9	Wed. 31	6 ·09	2 ·64	5	6	Thur. 29	4 ·41	4 ·46	3	6	Thur. 31	8 ·48	12 ·37	7
					7	Fri. 30	5 ·49	5 ·55	4					
					8	Sat. 31	6 ·55	6 ·63	5					
	Feb.					**April.**					**June.**			
10	Thur. 1	*Śukla.* 7 ·18	3 ·75	6	9	Sun. 1	*Śukla.* 7 ·59	7 ·69	6	7	Fri. 1	9 ·41	13 ·32	8
11	Fri. 2	8 ·26	4 ·86	7	10	Mon. 2	8 ·61	8 ·73	7	8	Sat. 2	10 ·32	14 ·27	9
12	Sat. 3	9 ·34	5 ·94	8	11	Tues. 3	9 ·61	9 ·75	8	9	Sun. 3	11 ·22	15 ·20	10
13	Sun. 4	10 ·39	... ...	9	12	Wed. 4	10 ·59	10 ·75	9	10	Mon. 4	12 ·12	16 ·13	11
14	Mon. 5	11 ·43	6 ·01	10	13	Thur. 5	11 ·54	11 ·78	10	11	Tues. 5	{ 13 ·02	17 ·07	12
15	Tues. 6	12 ·46	7 ·06	11	14	Fri. 6	12 ·48	12 ·69	11			{ 14 ·92		
16	Wed. 7	13 ·46	8 ·09	12	15	Sat. 7	13 ·40	13 ·65	12	12	Wed.○ 6	ℙ ·82	18 ·00 }	13
17	Thur. 8	14 ·44	9 ·11	13	16	Sun. 8	14 ·32	14 ·59	13				19 ·94 }	
18	Fri. 9	ℙ ·40	10 ·10	14	17	Mon. 9	ℙ ·23	15 ·53	14	13	Thur. 7	1 ·73	20 ·88	14
19	Sat. 10	1 ·34	11 ·07	15	18	Tues. 10	1 ·13	16 ·45	15	14	Fri. 8	2 ·65	21 ·84	15
20	Sun. 11	2 ·27	{ 12 ·03	16	19	Wed. 11	{ 2 ·03	17 ·38	16	15	Sat. 9	3 ·59	22 ·82	16
			{ 13 ·97 }				{ 3 ·93			16	Sun. 10	4 ·54	23 ·80	17
21	Mon. 12	3 ·19	14 ·91	17	20	Thur. 12	4 ·83	18 ·33	17	17	Mon. 11	5 ·51	24 ·81	18
22	Tues. 13	4 ·11	15 ·85	18	21	Fri. 13	5 ·73	19 ·27	18	18	Tues. 12	6 ·50	25 ·84	19
23	Wed. 14	{ 5 ·01	16 ·78	19	22	Sat. 14	6 ·66	20 ·21	19	19	Wed. 13	7 ·51	26 ·88	20
		{ 6 ·91			23	Sun. 15	7 ·60	21 ·18	20	20	Thur. 14	8 ·55	27 ·96	21
24	Thur. 15	7 ·81	17 ·71	20	24	Mon. 16	8 ·56	22 ·15	21	21	Fri. 15	9 ·60	... ...	22
25	Fri. 16	8 ·71	18 ·64	21	25	Tues. 17	9 ·53	23 ·15	22	22	Sat. 16	10 ·37	1 ·04	23
26	Sat. 1.	9 ·62	19 ·59	22	26	Wed. 18	10 ·53	24 ·17	23	23	Sun. 17	11 ·75	2 ·14	24
27	Sun. 18	10 ·54	20 ·55	23	27	Thur. 19	11 ·54	25 ·21	24	24	Mon. 18	12 ·83	3 ·24	25
28	Mon. 19	11 ·49	21 ·52	24	28	Fri. 20	12 ·56	26 ·27	25	25	Tues. 19	13 ·91	4 ·35	26
29	Tues. 20	12 ·45	22 ·50	25	29	Sat. 21	13 ·62	27 ·34	26	26	Wed. 20	14 ·98	5 ·46	27
30	Wed. 21	13 ·43	23 ·51	26	30	Sun. 22	14 ·69	1 ·43	27	27	Thur. 21	:: ...	6 ·55	28
1	Thur. 22	14 ·42	24 ·53	27	31	Mon. 23	A ·77	2 ·54	28	28	Fri. ●22	A ·03	7 ·62	29
2	Fri. 23	A ·44	25 ·59	28	1	Tues. 24	1 ·85	3 ·65	29	29	Sat. 23	1 ·07	8 ·68	30
3	Sat. 24	1 ·47	26 ·65	29	2	Wed. 25	2 ·94	4 ·76	1	30	Sun. 24	2 ·10	9 ·71	1
4	Sun. 25	2 ·53	27 ·74	1	3	Thur. 26	... ...	5 ·85	2	31	Mon. 25	3 ·09	10 ·73	2
5	Mon. 26	3 ·60	1 ·83	2	4	Fri. 27	*Śukla.* 3 ·01	6 ·93	3	1	Tues. 26	4 ·07	11 ·72	3
6	Tues. 27	4 ·68	2 ·94	3	5	Sat. 28	4 ·07	... ...	4	2	Wed. 27	{ 5 ·02	12 ·70	4
7	Wed. 28	5 ·77	... ...	4	6	Sun. 29	5 ·11	7 ·01	5			{ 6 ·96		
					7	Mon. 30	6 ·12	8 ·05	6	3	Thur. 28	*Śukla.* 7 ·88	13 ·65	5
										4	Fri. 29	8 ·79	14 ·60	6
										5	Sat. 30	9 ·69	15 ·54	7

Rakṭāksha. **Makara—Tai.** *H. 539 Rajab.* *Rakṭāksha.* **Kumbha—Māśi.** *H. 539 Sha'bān.* *Krodhana.* **Mēsha—Chittirai.** *H. 539 Shawwāl.* *Krodhana.* **Vṛishabha—Vaigāśi.** *H. 539 Ramazān.* *Krodhana.* **Mithuna—Āni.** *H. 539 Zi-l-ka'da.* *H. 539 Zi-l-hijja.* *H. 540 Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1145. **Kollam 321,** {**N. Malabar—Aug.** **Hijra 540.** **Vikrama 1202.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **June 24.** **Bengal San. 551.**
P—Paurnimā. **(N. Cycle) Vibhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	10 ·59	16 ·48	8										
7	Mon. 2	11 ·49	17 ·41	9	5	Sat. 1	18 ·04	24 ·78	11	6	Thur. 1	P ·38	3 ·75	13
8	Tues. 3	12 ·39	18 ·34	10	6	Sun. 2	14 ·01	25 ·79	12	7	Fri. 2	1 ·46	4 ·85	14
9	Wed. 4	13 ·29	19 ·27	11	7	Mon. 3	P ·01	26 ·82	13	8	Sat. 3	2 ·55	5 ·96	15
10	Thur. 5	14 ·20	20 ·22	12	8	Tues. 4	1 ·02	27 ·88	14	9	Sun. 4	3 ·63	... ...	16
11	Fri. 6	P ·12	21 ·18	13	9	Wed. 5	2 ·05	1 ·95	15	10	Mon. 5	4 ·71	6 ·07	17
12	Sat. 7	1 ·06	22 ·14	14	10	Thur. 6	3 ·11	... ...	16	11	Tues. 6	5 ·77	7 ·16	18
		Āshādha.			11	Fri. 7	4 ·18	2 ·04	17	12	Wed. 7	6 ·81	8 ·24	19
13	Sun. 8	2 ·01 / 3 ·99	23 ·13	15	12	Sat. 8	5 ·26	3 ·15	18	13	Thur. 8	7 ·84	9 ·29	20
				H. 540 *Muharram.*			Bahula.					Bahula.		
14	Mon. 9	4 ·98	24 ·13	16	13	Sun. 9	6 ·35	4 ·26	19	14	Fri. 9	8 ·83	10 ·33	21
15	Tues. 10	... ...	25 ·15	17	14	Mon. 10	7 ·44	5 ·36	20	15	Sat. 10	9 ·82	11 ·35	22
16	Wed. 11	5 ·00	26 ·20	18	15	Tues. 11	8 ·51	6 ·46	21	16	Sun. 11	10 ·78	12 ·35	23
17	Thur. 12	6 ·03	27 ·26	19	16	Wed. 12	9 ·57	7 ·54	22	17	Mon. 12	11 ·72	13 ·32	24
18	Fri. 13	7 ·08	1 ·35	20	17	Thur. 13	10 ·61	8 ·62	23	18	Tues. 13	12 ·65	14 ·28	25
19	Sat. 14	8 ·15	2 ·44	21	18	Fri. 14	11 ·63	9 ·67	24	19	Wed. 14	13 ·57	15 ·23	26
20	Sun. 15	9 ·23	3 ·55	22	19	Sat. 15	12 ·63	10 ·69	25	20	Thur. 15	14 ·48	16 ·17	27
21	Mon. 16	10 ·31	4 ·66	23	20	Sun. 16	13 ·61	11 ·69	26	21	Fri. 16	—A ·38	17 ·11	28
22	Tues. 17	11 ·39	5 ·75	24	21	Mon. 17	14 ·57	12 ·68	27	22	Sat. 17	1 ·28	18 ·04 / 19 ·97	29
23	Wed. 18	12 ·46	6 ·84	25	22	Tues. 18	—A ·51	13 ·66	28					
24	Thur. 19	13 ·52	7 ·93	26	23	Wed. 19	1 ·44	14 ·62	29	23	Sun. 18	2 ·19	20 ·90	—30
25	Fri. 20	14 ·56	8 ·99	27	24	Thur. 20	2 ·35	15 ·56	—30	24	Mon. 19	3 ·10	21 ·84	1
26	Sat. 21	—A ·58	... ...	28	25	Fri. 21	3 ·26	16 ·50	1	25	Tues. 20	4 ·01 / 5 ·94	22 ·81	2
27	Sun. 22	1 ·57	9 ·03	29	26	Sat. 22	4 ·16	17 ·43	2					
28	Mon. 23	2 ·55	10 ·05	—30						26	Wed. 21	6 ·88	23 ·77	3
29	Tues. 24	3 ·51	11 ·05	1	27	Sun. 23	5 ·06 / 6 ·96	18 ·36	3	27	Thur. 22	7 ·84	24 ·75	4
			12 ·03		28	Mon. 24	7 ·87	19 ·30	4	28	Fri. 23	8 ·82	25 ·75	5
30	Wed. 25	4 ·45	13 ·99	2	29	Tues. 25	8 ·79	20 ·23	5	29	Sat. 24	9 ·82	26 ·77	6
		Sukla.			—30	Wed. 26	9 ·71	21 ·18	6			Sukla.		
31	Thur. 26	5 ·37	14 ·94	3	1	Thur. 27	10 ·65	22 ·13	7	—30	Sun. 25	10 ·84	27 ·82	7
—32	Fri. 27	6 ·28	15 ·89	4	2	Fri. 28	11 ·61	23 ·10	8	1	Mon. 26	11 ·88	1 ·88	8
1	Sat. 28	7 ·18	16 ·82	5	3	Sat. 29	12 ·58	24 ·09	9	2	Tues. 27	12 ·94	2 ·95	9
		8 ·08			4	Sun. 30	13 ·58	25 ·11	10	3	Wed. 28	... ...	... ...	10
2	Sun. 29	9 ·98	17 ·75	6						4	Thur. 29	13 ·02	3 ·05	11
3	Mon. 30	10 ·88	18 ·68	7						5	Fri. 30	14 ·10	4 ·15	12
4	Tues. 31	11 ·79	19 ·61	8										
	Aug.					**Oct.**					**Dec.**			
5	Wed. 1	12 ·70	20 ·56	9	5	Mon. 1	14 ·59	26 ·14	11	6	Sat. ○ 1	P ·20	5 ·27	13
6	Thur. 2	13 ·62	21 ·51	10	6	Tues. 2	P ·63	27 ·19	12	7	Sun. 2	1 ·28	6 ·37	14
7	Fri. 3	14 ·55	22 ·47	11	7	Wed. 3	1 ·69	1 ·25	13	8	Mon. 3	2 ·35	7 ·46	15
8	Sat. 4	P ·51	23 ·45	12	8	Thur. 4	2 ·76	2 ·35	14	9	Tues. 4	3 ·41	8 ·54	16
9	Sun. 5	1 ·49	24 ·45	13	9	Fri. 5	3 ·84	3 ·45	15	10	Wed. 5	4 ·45	9 ·60	17
10	Mon. 6	2 ·47	25 ·47	14	10	Sat. 6	4 ·93	4 ·56	16	11	Thur. 6	5 ·48	10 ·65	18
11	Tues. 7	3 ·49	26 ·51	15	11	Sun. 7	... ...	5 ·66	17	12	Fri. 7	6 ·47	11 ·67	19
12	Wed. 8	4 ·52	27 ·57	16	12	Mon. 8	5 ·02	6 ·76	18	13	Sat. 8	7 ·46	12 ·67	20
13	Thur. 9	5 ·58	1 ·65	17	13	Tues. 9	6 ·09	7 ·86	19	14	Sun. 9	8 ·42	13 ·65	21
14	Fri. 10	6 ·65	2 ·74	18	14	Wed. 10	7 ·15	8 ·93	20	15	Mon. 10	9 ·37	14 ·62	22
15	Sat. 11	7 ·74	3 ·84	19	15	Thur. 11	8 ·19	9 ·98	21	16	Tues. 11	10 ·30	15 ·57	23
16	Sun. 12	8 ·82	4 ·96	20	16	Fri. 12	9 ·22	... ...	22	17	Wed. 12	11 ·22	16 ·52	24
17	Mon. 13	9 ·90	... ...	21	17	Sat. 13	10 ·21	10 ·01	23	18	Thur. 13	12 ·12	17 ·45	25
18	Tues. 14	10 ·97	5 ·06	22	18	Sun. 14	11 ·20	11 ·02	24			13 ·02		
19	Wed. 15	... ...	6 ·16	23				12 ·02		19	Fri. 14	14 ·92	18 ·38	26
20	Thur. 16	11 ·03	7 ·24	24	19	Mon. 15	12 ·16	13 ·99	25					
21	Fri. 17	12 ·07	8 ·30	25			13 ·10			20	Sat. 15	—A ·33	19 ·31	27
22	Sat. 18	13 ·09	9 ·35	26	20	Tues. 16	14 ·03	14 ·93	26	21	Sun. 16	1 ·74	20 ·24	28
23	Sun. 19	14 ·09	10 ·37	27	21	Wed. 17	—A ·94	15 ·90	27	22	Mon. 17	2 ·65	21 ·19	—29
24	Mon. 20	—A ·07	11 ·37	28	22	Thur. 18	1 ·85	16 ·83	28	23	Tues. 18	3 ·58	22 ·14	1
		1 ·02			23	Fri. 19	2 ·76	17 ·77	—29	24	Wed. 19	4 ·52	23 ·10	2
25	Tues. 21	2 ·96	12 ·35	—29	24	Sat. 20	3 ·66	18 ·70	1	25	Thur. 20	5 ·48	24 ·07	3
26	Wed. 22	3 ·88	13 ·33	1	25	Sun. 21	4 ·56	19 ·63	2	26	Fri. 21	6 ·47	25 ·07	4
27	Thur. 23	4 ·80	14 ·28	2	26	Mon. 22	5 ·46	20 ·57	3	27	Sat. 22	7 ·46	26 ·09	5
28	Fri. 24	5 ·71	15 ·22	3	27	Tues. 23	6 ·38	21 ·51	4	28	Sun. 23	8 ·49	27 ·11	6
29	Sat. 25	6 ·61	16 ·16	4	28	Wed. 24	7 ·31	22 ·46	5	—29	Mon. 24	9 ·53	1 ·18	7
30	Sun. 26	7 ·51	17 ·09	5	29	Thur. 25	8 ·25	23 ·44	6	1	Tues. 25	10 ·59	2 ·26	8
			18 ·02		—30	Fri. 26	9 ·21	24 ·43	7	2	Wed. 26	11 ·66	3 ·35	9
—31	Mon. 27	8 ·41	19 ·98	6	1	Sat. 27	10 ·18	25 ·43	8	3	Thur. 27	12 ·75	4 ·46	10
1	Tues. 28	9 ·31	20 ·90	7	2	Sun. 28	11 ·18	26 ·45	9	4	Fri. 28	13 ·84	5 ·56	11
2	Wed. 29	10 ·22	21 ·84	8	3	Mon. 29	12 ·20	27 ·50	10	5	Sat. 29	14 ·92	6 ·67	12
3	Thur. 30	11 ·14	22 ·80	9	4	Tues. 30	13 ·24	1 ·57	11	6	Sun. 30	P ·99	7 ·77	13
4	Fri. 31	12 ·08	23 ·78	10	5	Wed. 31	14 ·30	2 ·65	12	7	Mon. 31	... ...	8 ·85	14

Krodhana. **Karkaṭaka—Ādi.** *Krodhana.* **Siṁha—Āvaṇi.** *Krodhana.* **Tulā—Aippaśi.** *Krodhana.* **Kanyā—Puraṭṭāśi.** *Krodhana.* **Vṛśchika—Kārttigai.** *Krodhana.* **Dhanus—Mārgaḷi.**

H. 540 Rabī-ul awwal. *H. 540 Rabī-ul ākhir.* *H. 540 Jamāda'l awwal.* *H. 540 Jamāda'l ākhir.* *H. 540 Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1146. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·52.** **Śaka 1068.** **Kaliyuga 4247.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·47.** **(S. Cycle) Kshaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Tues.	1	1 ·06	9 ·91	15	8	Fri.	1	1 ·33	13 ·64	15						
9	Wed.	2	2 ·10	10 ·97	16	9	Sat.	2	2 ·29	14 ·62	16	8	Wed.	1	4 ·85	19 ·01 / 20 ·94	17
10	Thur.	3	3 ·12	11 ·99	17	10	Sun.	3	3 ·23	15 ·58	17	9	Thur.	2	5 ·75	21 ·87	18
11	Fri	4	4 ·13	... ...	18	11	Mon.	4	4 ·16	16 ·53	18	10	Fri.	3	6 ·65	22 ·82	19
				12 ·00								11	Sat.	4	7 ·56	23 ·77	20
12	Sat.	5	5 ·11	13 ·98	19	12	Tues.	5	5 ·08 / 6 ·98	17 ·46	19	12	Sun.	5	8 ·49	24 ·73	21
13	Sun.	6	6 ·07	14 ·95	20	13	Wed.	6	7 ·88	18 ·41	20	13	Mon.	6	9 ·42	25 ·70	22
14	Mon.	7	7 ·01 / 8 ·94	15 ·91	21	14	Thur.	7	8 ·78	19 ·34	21	14	Tues.	7	10 ·37	26 ·69	23
15	Tues.	8	9 ·86	16 ·85	22	15	Fri.	8	9 ·68	20 ·26	22	15	Wed.	8	11 ·35	27 ·71	24
16	Wed.	9	10 ·77	17 ·79	23	16	Sat.	9	10 ·59	21 ·20	23	16	Thur.	9	12 ·34	1 ·74	25
17	Thur.	10	11 ·67	18 ·72	24	17	Sun.	10	11 ·51	22 ·14	24	17	Fri.	10	13 ·36	2 ·79	26
18	Fri.	11	12 ·57	19 ·65	25	18	Mon.	11	12 ·43	23 ·09	25	18	Sat.	11	14 ·40	3 ·87	27
19	Sat.	12	13 ·47	20 ·59	26	19	Tues.	12	13 ·37	24 ·07	26	19	Sun.	12	—**A** ·45	4 ·95	28
20	Sun.	13	14 ·38	21 ·53	27	20	Wed.	13	14 ·32	25 ·05	27	20	Mon.	13	1 ·52	... ...	29
21	Mon.	14	—**A** ·30	22 ·47	28	21	Thur.	14	—**A** ·30	26 ·05	28	21	Tues.	14	2 ·60	5 ·06	—30
22	Tues.	15	1 ·23	23 ·43	29	22	Fri.	15	1 ·30	27 ·07	29	22	Wed.	15	3 ·68	6 ·17	1
23	Wed.	16	2 ·17	24 ·40	—30	23	Sat.	16	2 ·32	1 ·11	—30	23	Thur.	16	4 ·76	7 ·28	2
24	Thur.	17	3 ·18	25 ·40	1	24	Sun.	17	3 ·36	2 ·18	1	24	Fri.	17	5 ·84	8 ·37	3
25	Fri.	18	4 ·11	26 ·40	2	25	Mon.	18	4 ·42	3 ·26	2	25	Sat.	18	6 ·89	9 ·46	4
26	Sat.	19	5 ·10	27 ·44	3	26	Tues.	19	5 ·49	4 ·35	3	26	Sun.	19	7 ·93	10 ·54	5
27	Sun.	20	6 ·12	1 ·49	4	27	Wed.	20	6 ·57	5 ·45	4	27	Mon.	20	8 ·94	11 ·58	6
28	Mon.	21	7 ·16	2 ·56	5	28	Thur.	21	7 ·65	6 ·56	5	28	Tues.	21	9 ·93	12 ·62	7
—29	Tues.	22	8 ·22	3 ·65	6	29	Fri.	22	8 ·74	7 ·68	6	29	Wed.	22	10 ·91	13 ·62	8
1	Wed.	23	9 ·30	4 ·75	7	—30	Sat.	23	9 ·81	8 ·76	7	30	Thur.	23	11 ·86	14 ·60	9
2	Thur.	24	10 ·39	5 ·86	8	1	Sun.	24	10 ·86	9 ·85	8	31	Fri.	24	12 ·80	15 ·57	10
3	Fri.	25	11 ·48	6 ·97	9	2	Mon.	25	11 ·90	10 ·91	9	—32	Sat.	25	13 ·73	16 ·54	11
4	Sat.	26	12 ·56	... ...	10	3	Tues.	26	12 ·92	11 ·94	10	1	Sun.	26	14 ·64	17 ·49	12
5	Sun.	27	13 ·64	7 ·07	11	4	Wed.	27	13 ·92	12 ·97	11	2	Mon.○	27	**P** ·54	18 ·42	13
6	Mon.	28	14 ·69	8 ·15	12	5	Thur.	28	14 ·90	13 ·97	12	3	Tues.	28	1 ·44	19 ·35	14
7	Tues.	29	**P** ·73	9 ·24	13	6	Fri.	29	**P** ·85	14 ·94	13	4	Wed.	29	2 ·33	20 ·28	15
8	Wed.	30	1 ·75	10 ·28	14	7	Sat.	30	1 ·79	15 ·91	14	5	Thur.	30	3 ·23	21 ·22	16
9	Thur.	31	2 ·76	11 ·31	15	8	Sun.	31	2 ·72	16 ·86	15	6	Fri.	31	4 ·13	22 ·16	17
	Feb.						**April.**						**June.**				
10	Fri.	1	3 ·74	12 ·32	16	9	Mon.	1	3 ·63	17 ·81	16						
11	Sat.	2	4 ·70	13 ·31	17	10	Tues.	2	4 ·54	18 ·74	17	7	Sat.	1	5 ·04 / 6 ·97	23 ·10	18
12	Sun.	3	5 ·64	14 ·29	18	11	Wed.	3	5 ·44	19 ·67	18						
13	Mon.	4	6 ·56	15 ·25	19	12	Thur.	4	6 ·34	20 ·60	19	8	Sun.	2	7 ·91	24 ·06	19
14	Tues.	5	7 ·48	16 ·19	20	13	Fri.	5	7 ·23	21 ·54	20	9	Mon.	3	8 ·86	25 ·03	20
15	Wed.	6	8 ·39	17 ·13	21	14	Sat.	6	8 ·13	22 ·48	21	10	Tues.	4	9 ·83	26 ·02	21
16	Thur.	7	9 ·29	18 ·06	22	15	Sun.	7	9 ·05 / 10 ·97	23 ·43	22	11	Wed.	5	10 ·82	27 ·03	22
				19 ·00								12	Thur.	6	11 ·84	1 ·06	23
17	Fri.	8	10 ·19	20 ·93	23	16	Mon.	8	11 ·91	24 ·40	23	13	Fri.	7	12 ·87	2 ·10	24
18	Sat.	9	11 ·09	21 ·87	24	17	Tues.	9	12 ·87	25 ·37	24	14	Sat.	8	13 ·93	3 ·17	25
19	Sun.	10	12 ·00 / 13 ·92	22 ·81	25	18	Wed.	10	13 ·85	26 ·37	25	15	Sun.	9	... ...	4 ·26	26
						19	Thur.	11	14 ·84	27 ·38	26	16	Mon.	10	14 ·00	5 ·36	27
20	Mon.	11	14 ·85	23 ·76	26	20	Fri.	12	—**A** ·84	1 ·43	27	17	Tues.●	11	—**A** ·08	6 ·47	28
21	Tues.	12	—**A** ·79	24 ·74	27	21	Sat.	13	1 ·88	2 ·49	28	18	Wed.	12	1 ·16	7 ·57	—29
22	Wed.	13	1 ·75	25 ·72	28	22	Sun.	14	2 ·94	3 ·56	—29	19	Thur.	13	2 ·24	8 ·67	1
23	Thur.	14	2 ·72	26 ·73	—29	23	Mon.	15	... ...	4 ·65	1	20	Fri.	14	3 ·32	9 ·76	2
24	Fri.	15	3 ·72	27 ·75	1	24	Tues.	16	3 ·02	5 ·76	2	21	Sat.	15	4 ·37	10 ·84	3
25	Sat.	16	4 ·74	1 ·80	2	25	Wed.	17	4 ·10	6 ·87	3	22	Sun.	16	5 ·41	11 ·90	
26	Sun.	17	5 ·78	2 ·86	3	26	Thur.	18	5 ·19	7 ·98	4	23	Mon.	17	6 ·42	12 ·93	5
27	Mon.	18	6 ·83	3 ·95	4	27	Fri.	19	6 ·27	... ...	5	24	Tues.	18	7 ·41	13 ·94	6
28	Tues.	19	7 ·91	... ...	5	28	Sat.	20	7 ·34	8 ·07	6	25	Wed.	19	8 ·39	14 ·93	7
29	Wed.	20	... ...	4 ·05	6	29	Sun.	21	8 ·39	9 ·15	7	26	Thur.	20	9 ·35	15 ·92	8
—30	Thur.	21	8 ·00	5 ·16	7	30	Mon.	22	9 ·43	10 ·22	8	27	Fri.	21	10 ·28	16 ·87	9
1	Fri.	22	9 ·09	6 ·27	8	—31	Tues.	23	10 ·45	11 ·27	9	28	Sat.	22	11 ·20	17 ·82	10
2	Sat.	23	10 ·17	7 ·37	9	1	Wed.	24	11 ·44	12 ·29	10	29	Sun.	23	12 ·11	18 ·76	11
3	Sun.	24	11 ·24	8 ·47	10	2	Thur.	25	12 ·42	13 ·29	11	30	Mon.	24	13 ·01 / 14 ·91	19 ·69	12
4	Mon.	25	12 ·30	9 ·54	11	3	Fri.	26	13 ·37	14 ·28	12	—31	Tues.	25	**P** ·81	20 ·63	13
5	Tues.	26	13 ·34	10 ·59	12	4	Sat.	27	14 ·31	15 ·24	13	1	Wed.	26	1 ·71	21 ·56	14
6	Wed.	27	14 ·35	11 ·63	13	5	Sun.	28	**P** ·24	16 ·20	14	2	Thur.	27	2 ·61	22 ·50	15
7	Thur.	28	**P** ·35	12 ·64	14	6	Mon.	29	1 ·15	17 ·15	15	3	Fri.	28	3 ·52	23 ·43	16
						7	Tues.	30	2 ·05 / 3 ·95	18 ·08	16	4	Sat.	29	4 ·45	24 ·39	17
												5	Sun.	30	5 ·38	25 ·36	18

Krodhana. **Makara—Tai.** *Bahula.* *Śukla.* *H. 540 Rajab.*
Krodhana. **Kumbha—Māśi.** *Bahula.* *Śukla.* *H. 540 Ramazān.*
Krodhana. **Mīna—Paṅguni.** *Bahula.* *Śukla.* *H. 540 Shawwāl.*
Kshaya. **Mēsha—Chittirai.** *Bahula.* *Śukla.* *H. 540 Zi-l-ka'da.*
Kshaya. **Vrishabha—Vaigāśi.** *Bahula.* *Śukla.* *H. 540 Zi-l-ka'da.*
Kshaya. **Mithuna—Āni.** *Bahula.* *Śukla.* *H. 540 Zi-l-hijja.*
Śukla. *H. 540 Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1146. **Kollam 322,** { **N. Malabar—Aug.** **Hijra 541.** **Vikrama 1203.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 13.** **Bengal San. 552.**
P—Paurnimā. **(N. Cycle) Śukla.**

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	July.			
6	Mon. 1	6 ·33	26 ·35	19
7	Tues. 2	7 ·31	27 ·35	20
8	Wed. 3	8 ·31	1 ·37	21
9	Thur. 4	*Bahula.* 9 ·32	2 ·41	22
10	Fri. 5	10 ·35	3 ·49	*H. 541 Muharram.* 23
11	Sat. 6	11 ·41	4 ·57	24
12	Sun. 7	12 ·48	5 ·67	25
13	Mon. 8	13 ·56	6 ·77	26
14	Tues. 9	14 ·64	7 ·87	27
15	Wed. 10	—A ·73	8 ·97	28
Kshaya. **Karkaṭaka—Ādi.** 16	Thur. 11	1 ·80	... ...	29
17	Fri. 12	2 ·85	9 ·08	—30
18	Sat. 13	3 ·89	10 ·15	1
19	Sun. 14	4 ·90	11 ·21	2
20	Mon. 15	5 ·89	12 ·25	3
21	Tues. 16	*Sukla.* 6 ·87	13 ·26	4
22	Wed. 17	7 ·83	14 ·27	5
23	Thur. 18	8 ·76	15 ·25	6
24	Fri. 19	9 ·68	16 ·21	7
25	Sat. 20	10 ·59	17 ·16	8
26	Sun. 21	11 ·49	18 ·10	9
27	Mon. 22	**Śrāvaṇa.** 12 ·39	19 ·04 / 20 ·97	10
28	Tues. 23	13 ·29	21 ·90	11
29	Wed. 24	14 ·19	22 ·83	12
30	Thur. 25	P ·09	23 ·77	*H. 541 Ṣafar.* 13
31	Fri. 26	1 ·01 / 2 ·94	24 ·73	14
—32	Sat. 27	3 ·87	25 ·69	15
1	Sun. 28	4 ·82	26 ·67	16
2	Mon. 29	5 ·80	27 ·67	17
3	Tues. 30	6 ·80	1 ·68	18
4	Wed. 31	7 ·81	2 ·72	19
	Aug.			
5	Thur. 1	8 ·85	3 ·79	20
6	Fri. 2	*Bahula.* 9 ·91	4 ·87	21
7	Sat. 3	10 ·98	5 ·95	22
8	Sun. 4	... ...	... ...	23
9	Mon. 5	11 ·06	6 ·06	24
10	Tues. 6	12 ·14	7 ·17	25
11	Wed. 7	13 ·22	8 ·28	26
12	Thur. 8	14 ·29	9 ·38	27
13	Fri. 9	—A ·35	10 ·46	28
14	Sat. 10	1 ·39	11 ·52	—29
Kshaya. **Siṁha—Āvaṇi.** 15	Sun. 11	2 ·41	12 ·56	1
16	Mon. 12	3 ·40	13 ·59	2
17	Tues. 13	*Sukla.* 4 ·36	14 ·59	3
18	Wed. 14	5 ·32	15 ·57	4
19	Thur. 15	6 ·26	16 ·54	5
20	Fri. 16	7 ·19	17 ·49	6
21	Sat. 17	8 ·10	18 ·44	7
22	Sun. 18	9 ·01 / 10 ·91	19 ·38	8
23	Mon. 19	11 ·81	20 ·31	9
24	Tues. 20	12 ·71	21 ·24	*H. 541 Rabī-ul awwal.* 10
25	Wed. 21	**Bhādrapada.** 13 ·61	22 ·17	11
26	Thur. 22	14 ·52	23 ·11	12
27	Fri. 23	P ·44	24 ·06	13
28	Sat. 24	1 ·39	25 ·02	14
29	Sun. 25	2 ·35	26 ·00 / 27 ·99	15
30	Mon. 26	3 ·33	... ...	16
—31	Tues. 27	4 ·32	1 ·00	17
1	Wed. 28	*Bahula.* 5 ·33	2 ·04	18
2	Thur. 29	6 ·38	3 ·10	19
3	Fri. 30	7 ·44	4 ·17	20
4	Sat. 31	8 ·51	5 ·26	21

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	Sep.			
5	Sun. 1	9 ·59	6 ·36	22
6	Mon. 2	10 ·67	7 ·48	23
7	Tues. 3	*Bahula.* 11 ·75	8 ·58	24
8	Wed. 4	12 ·82	9 ·68	25
9	Thur. 5	13 ·88	10 ·76	26
10	Fri. 6	14 ·92	11 ·83	27
11	Sat. 7	—A ·94	12 ·89	28
12	Sun. 8	1 ·93	13 ·91	29
13	Mon. 9	2 ·91	14 ·92	—30
14	Tues. 10	3 ·87	15 ·90	1
Kshaya. **Kanyā—Puraṭṭāśi.** 15	Wed. 11	4 ·81	16 ·87	2
16	Thur. 12	5 ·73	17 ·84	3
17	Fri. 13	*Sukla.* 6 ·64	18 ·75	4
18	Sat. 14	7 ·55	19 ·71	5
19	Sun. 15	8 ·45	20 ·64	6
20	Mon. 16	9 ·35	21 ·57	7
21	Tues. 17	10 ·25	22 ·50	8
22	Wed. 18	11 ·16	23 ·45	9
23	Thur. 19	12 ·07 / 13 ·99	24 ·40	10
24	Fri. 20	14 ·94	25 ·35	11
25	Sat. 21	P ·90	26 ·32	*H. 541 Rabī-ul ākhir.* 12
26	Sun. 22	**Āśvina.** 1 ·89	27 ·31	13
27	Mon. 23	2 ·89	1 ·32	14
28	Tues. 24	3 ·91	2 ·36	15
29	Wed. 25	4 ·94	3 ·41	16
—30	Thur. 26	5 ·99	4 ·48	17
1	Fri. 27	*Bahula.*	5 ·55	18
2	Sat. 28	6 ·07	6 ·67	19
3	Sun. 29	7 ·15	7 ·78	20
4	Mon. 30	8 ·24	8 ·88	21
	Oct.			
5	Tues. 1	9 ·32	9 ·98	22
6	Wed. 2	10 ·40	... ...	23
7	Thur. 3	11 ·45	10 ·07	24
8	Fri. 4	12 ·50	11 ·15	25
9	Sat. 5	13 ·52	12 ·20	26
10	Sun. 6	14 ·51	13 ·23	27
Kshaya. **Tulā—Aippaśi.** 11	Mon. 7	—A ·49	14 ·24	28
12	Tues. 8	1 ·44	15 ·23	—29
13	Wed. 9	2 ·38	16 ·20	1
14	Thur. 10	*Sukla.* 3 ·31	17 ·17	2
15	Fri. 11	4 ·23	18 ·12	3
16	Sat. 12	5 ·14	19 ·05 / 20 ·98	4
17	Sun. 13	6 ·04 / 7 ·94	21 ·91	5
18	Mon. 14	8 ·84	22 ·85	6
19	Tues. 15	9 ·75	23 ·79	7
20	Wed. 16	10 ·66	24 ·73	8
21	Thur. 17	11 ·59	25 ·68	9
22	Fri. 18	12 ·54	26 ·65	10
23	Sat. 19	13 ·50	27 ·65	*H. 541 Jamāda'l awwal.* 11
24	Sun. 20	**Kārttika.** 14 ·48	1 ·65	12
25	Mon. 21	P ·47	2 ·67	13
26	Tues. 22	1 ·50	3 ·72	14
27	Wed. 23	2 ·54	4 ·78	15
28	Thur. 24	3 ·60	5 ·87	16
29	Fri. 25	4 ·67	6 ·97	17
—30	Sat. 26	5 ·76	... ...	18
1	Sun. 27	6 ·85	7 ·07	19
2	Mon. 28	*Bahula.* 7 ·93	8 ·18	20
3	Tues. 29	... ...	9 ·28	21
4	Wed. 30	8 ·01	10 ·38	22
5	Thur. 31	9 ·07	11 ·46	23

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	Nov.			
6	Fri. 1	10 ·11	12 ·51	24
7	Sat. 2	*Bahula.* 11 ·12	13 ·55	25
8	Sun. 3	12 ·13	14 ·56	26
9	Mon. 4	13 ·10	15 ·56	27
10	Tues. 5	14 ·06	16 ·54	28
11	Wed. 6	A ·00 / 1 ·93	17 ·49	29
12	Thur. 7	2 ·85	18 ·45	—30
13	Fri. 8	3 ·76	19 ·39	1
Kshaya. **Vṛiśchika—Kārttigai.** 14	Sat. 9	4 ·66	20 ·32	2
15	Sun. 10	*Sukla.* 5 ·56	21 ·26	3
16	Mon. 11	6 ·46	22 ·19	4
17	Tues. 12	7 ·37	23 ·12	5
18	Wed. 13	8 ·29	24 ·06	6
19	Thur. 14	9 ·22	25 ·01 / 26 ·99	7
20	Fri. 15	10 ·16	27 ·97	8
21	Sat. 16	11 ·12	1 ·97	9
22	Sun. 17	12 ·10	2 ·99	10
23	Mon. 18	13 ·11	... ...	11
24	Tues. 19	**Mārgaśirsha.** 14 ·13	3 ·03	12
25	Wed.○ 20	P ·17	4 ·10	*H. 541 Jamāda'l ākhir.* 13
26	Thur. 21	1 ·23	5 ·17	14
27	Fri. 22	2 ·31	6 ·27	15
28	Sat. 23	3 ·39	7 ·37	16
29	Sun. 24	4 ·48	8 ·47	17
—30	Mon. 25	5 ·57	9 ·58	18
1	Tues. 26	6 ·64	10 ·68	19
2	Wed. 27	*Bahula.* 7 ·69	11 ·76	20
3	Thur. 28	8 ·74	12 ·82	21
4	Fri. 29	9 ·76	13 ·86	22
5	Sat. 30	10 ·76	14 ·88	23
	Dec.			
6	Sun. 1	11 ·74	15 ·89	24
7	Mon. 2	12 ·70	16 ·87	25
8	Tues. 3	13 ·64	17 ·84	26
9	Wed. 4	14 ·57	18 ·79	27
10	Thur. 5	—A ·49	19 ·73	28
11	Fri. 6	1 ·40	20 ·67	—29
Kshaya. **Dhanus—Mārgali.** 12	Sat. 7	2 ·30	21 ·60	1
13	Sun. 8	3 ·20	22 ·53	2
14	Mon. 9	4 ·10	23 ·46	3
15	Tues. 10	5 ·01 / 6 ·93	24 ·40	4
16	Wed. 11	*Sukla.* 7 ·86	25 ·36	5
17	Thur. 12	8 ·80	26 ·32	6
18	Fri. 13	9 ·77	27 ·29	7
19	Sat. 14	10 ·75	1 ·29	8
20	Sun. 15	11 ·75	2 ·30	9
21	Mon. 16	12 ·77	3 ·35	10
22	Tues. 17	13 ·82	4 ·40	*H. 541 Rajab.* 11
23	Wed. 18	**Pausha.** 14 ·88	5 ·48	12
24	Thur. 19	P ·96	6 ·57	13
25	Fri. 20	... ...	7 ·67	14
26	Sat. 21	1 ·05	8 ·78	15
27	Sun. 22	2 ·13	9 ·89	16
28	Mon. 23	3 ·21	10 ·99	17
—29	Tues. 24	4 ·29	... ...	18
1	Wed. 25	5 ·35	11 ·07	19
2	Thur. 26	*Bahula.* 6 ·39	12 ·13	20
3	Fri. 27	7 ·41	13 ·18	21
Kshaya. **Makara—Tai.** 4	Sat. 28	8 ·41	14 ·21	22
5	Sun. 29	9 ·39	15 ·22	23
6	Mon. 30	10 ·35	16 ·20	24
7	Tues. 31	11 ·29	17 ·17	25

A.D. 1147. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·78.** **Śaka 1069.** **Kaliyuga 4248.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·73.** **(S. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	12 ·22	18 ·12	26			12 ·07			7	Thur. 1	—**A** ·67	3 ·92	28
9	Thur. 2	13 ·13	19 ·07	27	8	Sat. 1	13 ·97	23 ·48	26	8	Fri. 2	1 ·67	4 ·95	29
10	Fri. 3	14 ·04	20 ·01	28	9	Sun. 2	14 ·88	24 ·42	27	9	Sat. 3	2 ·69	... ...	—30
		A ·95	21 ·94		10	Mon. 3	—**A** ·80	25 ·36	28	10	Sun. 4	3 ·72	5 ·01	1
11	Sat. 4	1 ·85	22 ·87	29	11	Tues. 4	1 ·73	26 ·31	29	11	Mon. 5	4 ·78	6 ·09	2
12	Sun. 5	2 ·75	23 ·80	—30	12	Wed. 5	2 ·67	27 ·28	—30	12	Tues. 6	5 ·85	7 ·17	3
13	Mon. 6	3 ·66	24 ·75	1	13	Thur. 6	3 ·93	1 ·27	1	13	Wed. 7	6 ·94	8 ·27	4
14	Tues. 7	4 ·58	25 ·69	2	14	Fri. 7	4 ·61	2 ·27	2	14	Thur. 8	... ...	9 ·38	5
15	Wed. 8	5 ·51	26 ·65	3	15	Sat. 8	5 ·60	3 ·29	3	15	Fri. 9	7 ·02	10 ·50	6
16	Thur. 9	6 ·45	27 ·62	4	16	Sun. 9	6 ·63	4 ·33	4	16	Sat. 10	8 ·10	11 ·59	7
17	Fri. 10	*Sukla.* 7 ·41	1 ·61	5	17	Mon. 10	*Sukla.* 7 ·67	5 ·39	5	17	Sun. 11	9 ·17	12 ·68	8
18	Sat. 11	8 ·39	2 ·62	6	18	Tues. 11	8 ·73	6 ·48	6	18	Mon. 12	10 ·23	13 ·75	9
19	Sun. 12	9 ·39	3 ·66	7	19	Wed. 12	9 ·80	7 ·57	7	19	Tues. 13	11 ·25	14 ·79	10
20	Mon. 13	10 ·42	4 ·71	8	20	Thur. 13	10 ·88	8 ·68	8	20	Wed. 14	12 ·26	15 ·83	11
21	Tues. 14	11 ·46	5 ·78	9	21	Fri. 14	11 ·97	9 ·79	9	21	Thur. 15	13 ·26	16 ·84	12
22	Wed. 15	12 ·52	6 ·87	10	22	Sat. 15	... ...	10 ·89	10	22	Fri. 16	14 ·22	17 ·82	13
23	Thur. 16	13 ·60	7 ·97	11	23	Sun. 16	12 ·05	11 ·99	11	23	Sat. ○17	**P** ·18	18 ·79	14
24	Fri. 17	14 ·68	... ...	12	24	Mon. 17	13 ·12	... ...	12	24	Sun. 18	1 ·12	19 ·75	15
25	Sat. 18	**P** ·78	8 ·08	13	25	Tues. 18	14 ·18	12 ·07	13			2 ·04		
26	Sun. 19	1 ·86	9 ·19	14	26	Wed. 19	**P** ·22	13 ·13	14	25	Mon. 19	3 ·95	20 ·70	16
27	Mon. 20	2 ·93	10 ·29	15	27	Thur. 20	1 ·33	14 ·16	15	26	Tues. 20	4 ·85	21 ·64	17
28	Tues. 21	3 ·99	11 ·37	16	28	Fri. 21	2 ·23	15 ·18	16	27	Wed. 21	5 ·75	22 ·57	18
29	Wed. 22	... ...	12 ·44	17	29	Sat. 22	3 ·20	16 ·19	17	28	Thur. 22	6 ·65	23 ·50	19
—30	Thur. 23	4 ·03	13 ·50	18	30	Sun. 23	4 ·16	17 ·17	18	29	Fri. 23	7 ·55	24 ·43	20
1	Fri. 24	5 ·05	14 ·53	19	—31	Mon. 24	5 ·10	18 ·13	19	30	Sat. 24	8 ·45	25 ·38	21
2	Sat. 25	6 ·04	15 ·54	20			6 ·02			—31	Sun. 25	9 ·37	26 ·32	22
3	Sun. 26	7 ·02	16 ·53	21	1	Tues. 25	7 ·93	19 ·08	20	1	Mon. 26	10 ·29	27 ·28	23
		8 ·98					*Bahula.*	20 ·02		2	Tues. 27	11 ·23	1 ·25	24
4	Mon. 27	9 ·93	17 ·50	22	2	Wed. 26	8 ·83	21 ·95	21	3	Wed. 28	12 ·18	2 ·23	25
5	Tues. 28	10 ·85	18 ·47	23	3	Thur. 27	9 ·73	22 ·89	22	4	Thur. 29	13 ·15	3 ·25	26
6	Wed. 29	11 ·76	19 ·41	24	4	Fri. 28	10 ·63	23 ·82	23	5	Fri. 30	14 ·15	4 ·28	27
7	Thur. 30	12 ·67	20 ·35	25	5	Sat. 29	11 ·53	24 ·76	24	6	Sat. 31	—**A** ·17	5 ·32	28
8	Fri. 31	13 ·58	21 ·28	26	6	Sun. 30	12 ·44	25 ·69	25					
					7	Mon. 31	13 ·35	26 ·64	26					
	Feb.					**April.**					**June.**			
9	Sat. 1	14 ·48	22 ·21	27	8	Tues. 1	14 ·28	27 ·62	27	7	Sun. 1	1 ·21	6 ·39	—29
10	Sun. 2	—**A** ·38	23 ·15	28	9	Wed. 2	—**A** ·22	1 ·59	28	8	Mon. 2	2 ·27	7 ·48	1
11	Mon. 3	1 ·29	24 ·08	—29	10	Thur. 3	1 ·18	2 ·59	—29	9	Tues. 3	3 ·34	8 ·57	2
12	Tues. 4	2 ·20	25 ·02	1	11	Fri. 4	2 ·16	3 ·60	1	10	Wed. 4	4 ·42	9 ·69	3
			26 ·98		12	Sat. 5	3 ·14	4 ·64	2	11	Thur. 5	5 ·50	10 ·79	4
13	Wed. 5	3 ·12	27 ·95	2	13	Sun. 6	4 ·17	5 ·70	3	12	Fri. 6	*Sukla.* 6 ·58	11 ·90	5
14	Thur. 6	4 ·07	1 ·91	3	14	Mon. 7	5 ·21	6 ·78	4	13	Sat. 7	7 ·65	12 ·98	6
15	Fri. 7	*Sukla.* 5 ·03	2 ·94	4	15	Tues. 8	6 ·27	7 ·87	5	14	Sun. 8	8 ·70	... ...	7
16	Sat. 8	6 ·02	3 ·97	5	16	Wed. 9	7 ·34	8 ·92	6	15	Mon. 9	9 ·73	13 ·06	8
17	Sun. 9	7 ·02	... ...	6	17	Thur. 10	*Sukla.* 8 ·43	... ...	7	16	Tues. 10	10 ·75	14 ·12	9
18	Mon. 10	8 ·04	4 ·02	7	18	Fri. 11	9 ·52	9 ·08	8	17	Wed. 11	11 ·73	15 ·15	10
19	Tues. 11	9 ·08	5 ·09	8	19	Sat. 12	10 ·60	10 ·20	9	18	Thur. 12	12 ·71	16 ·16	11
20	Wed. 12	10 ·14	6 ·17	9	20	Sun. 13	11 ·66	11 ·29	10	19	Fri. 13	13 ·66	17 ·15	12
21	Thur. 13	11 ·22	7 ·27	10	21	Mon. 14	12 ·71	12 ·37	11	20	Sat. 14	14 ·60	18 ·13	13
22	Fri. 14	12 ·30	8 ·38	11	22	Tues. 15	13 ·75	13 ·44	12	21	Sun. 15	**P** ·52	19 ·10	14
23	Sat. 15	13 ·39	9 ·49	12	23	Wed. 16	14 ·76	14 ·48	13			1 ·43	20 ·04	
24	Sun. 16	14 ·47	10 ·59	13	24	Thur. 17	**P** ·76	15 ·50	14	22	Mon. 16		21 ·98	15
25	Mon. 17	**P** ·54	11 ·68	14	25	Fri. 18	1 ·73	16 ·51	15	23	Tues. 17	2 ·33	22 ·91	16
26	Tues. 18	1 ·60	12 ·76	15	26	Sat. 19	2 ·68	17 ·50	16	24	Wed. 18	3 ·23	23 ·84	17
27	Wed. 19	2 ·64	13 ·82	16	27	Sun. 20	3 ·62	18 ·46	17	25	Thur. 19	4 ·13	24 ·78	18
28	Thur. 20	3 ·66	14 ·85	17	28	Mon. 21	4 ·54	19 ·42	18			5 ·03		
—29	Fri. 21	4 ·65	15 ·86	18	29	Tues. 22	5 ·46	20 ·86	19	26	Fri. 20	6 ·93	25 ·71	19
1	Sat. 22	5 ·63	16 ·85	19	30	Wed. 23	6 ·36	21 ·30	20	27	Sat. 21	7 ·84	26 ·65	20
2	Sun. 23	6 ·59	17 ·84	20	—31	Thur. 24	7 ·26	22 ·23	21	28	Sun. 22	8 ·76	27 ·61	21
3	Mon. 24	7 ·53	18 ·80	21	1	Fri. 25	8 ·16	23 ·16	22	29	Mon. 23	9 ·70	1 ·57	22
4	Tues. 25	8 ·45	19 ·75	22	2	Sat. 26	9 ·06	24 ·09	23	30	Tues. 24	10 ·66	2 ·56	23
5	Wed. 26	9 ·37	20 ·68	23			10 ·98			31	Wed. 25	11 ·64	3 ·57	24
6	Thur. 27	10 ·27	21 ·62	24	3	Sun. 27	11 ·87	25 ·03	24	—32	Thur. 26	12 ·63	4 ·59	25
7	Fri. 28	11 ·17	22 ·55	25				26 ·99		1	Fri. 27	13 ·64	5 ·63	26
					4	Mon. 28	12 ·79	27 ·94	25	2	Sat. 28	14 ·68	6 ·70	27
					5	Tues. 29	13 ·78	1 ·92	26	3	Sun. 29	—**A** ·74	7 ·78	28
					6	Wed. 30	14 ·69	2 ·91	27	4	Mon. 30	1 ·81	8 ·88	29

Kshaya. **Makara—Tai.** *H. 541 Sha'bán.* *Kshaya.* **Kumbha—Māsi.** *H. 541 Ramazán.* *Kshaya.* **Mīna—Pāṅguni.** *H. 541 Shawwál.* *Prabhava.* **Mēsha—Chittirai.** *H. 541 Zi-l-ka'da.* *Prabhava.* **Vrishabha—Vaigāsi.** *H. 541 Zi-l-hijja* *Prabhava.* **Mithuna—Āni.** *H. 542 Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1147. **Kollam 323,** { **N. Malabar—Aug.** **Hijra 542.** **Vikrama 1204.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 2.** **Bengal San. 553.**
P—Paurnimā. **(N. Cycle) Pramoda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Tues.	1	2 ·89	9 ·98	—30	5	Mon.	1	4 ·25	15 ·09	3	5	Sat.	1	6 ·13	22 ·61	5
6	Wed.	2	3 ·98	... ...	1	6	Tues.	2	5 ·24	16 ·13	4				7 ·04		
7	Thur.	3	... ...	10 ·09	2	7	Wed.	3	6 ·21	17 ·14	5	6	Sun.	2	8 ·94	23 ·54	6
8	Fri.	4	4 ·06	11 ·20	3	8	Thur.	4	7 ·17	18 ·12	6	7	Mon.	3	9 ·84	24 ·47	7
9	Sat.	5	5 ·13	12 ·29	4	9	Fri.	5	8 ·11	19 ·09	7	8	Tues.	4	10 ·74	25 ·41	8
10	Sun.	6	6 ·18	13 ·37	5				*Sukla.* 9 ·03	20 ·05		9	Wed.	5	11 ·65	26 ·34	9
11	Mon.	7	7 ·21	14 ·43	6	10	Sat.	6	10 ·95	21 ·99	8	10	Thur.	6	12 ·57	27 ·28	10
12	Tues.	8	8 ·23	15 ·47	7	11	Sun.	7	11 ·85	22 ·93	9	11	Fri.	7	13 ·50	1 ·23	11
13	Wed.	9	9 ·21	16 ·48	8	12	Mon.	8	12 ·75	23 ·86	10	12	Sat.	8	14 ·45	2 ·20	12
14	Thur.	10	10 ·19	17 ·48	9	13	Tues.	9	13 ·65	24 ·79	11	13	Sun. ○	9	P ·41	3 ·18	13
15	Fri.	11	11 ·14	18 ·49	10	14	Wed.	10	14 ·55	25 ·72	12	14	Mon.	10	1 ·40	4 ·19	14
16	Sat.	12	12 ·08	19 ·43	11	15	Thur.	11	P ·46	26 ·66	13	15	Tues.	11	2 ·39	5 ·21	15
17	Sun.	18	13 ·00	20 ·38	12	16	Fri.	12	1 ·37	27 ·62	14	16	Wed.	12	3 ·41	6 ·25	16
			14 ·91			17	Sat.	13	2 ·30	1 ·57	15	17	Thur.	13	4 ·46	7 ·31	17
18	Mon.	14	P ·81	21 ·32	13	18	Sun.	14	3 ·24	2 ·54	16	18	Fri.	14	5 ·52	8 ·39	18
19	Tues.	15	1 ·71	22 ·25	14	19	Mon.	15	4 ·20	3 ·53	17	19	Sat.	15	6 ·60	9 ·49	19
20	Wed.	16	2 ·61	23 ·19	15	20	Tues.	16	5 ·18	4 ·54	18	20	Sun.	16	7 ·68	10 ·59	20
21	Thur.	17	3 ·51	24 ·12	16	21	Wed.	17	6 ·18	5 ·58	19	21	Mon.	17	8 ·78	11 ·70	21
				25 ·05		22	Thur.	18	7 ·20	6 ·63	20	22	Tues.	18	9 ·86	12 ·80	22
22	Fri.	18	4 ·42	26 ·99	17	23	Fri.	19	8 ·24	7 ·70	21	23	Wed.	19	10 ·93	13 ·90	23
23	Sat.	19	5 ·33	27 ·94	18	24	Sat.	20	9 ·30	8 ·78	22	24	Thur.	20	11 ·99	14 ·98	24
24	Sun.	20	6 ·25	1 ·90	19	25	Sun.	21	10 ·37	9 ·88	23	25	Fri.	21	... ...	... ...	25
25	Mon.	21	7 ·19	2 ·89	20	26	Mon.	22	11 ·46	10 ·99	24	26	Sat.	22	12 ·03	15 ·04	26
26	Tues.	22	8 ·14	3 ·89	21	27	Tues.	23	12 ·55	... ..	25	27	Sun.	23	13 ·05	16 ·08	27
27	Wed.	23	9 ·12	4 ·91	22	28	Wed.	24	13 ·64	11 ·10	26	28	Mon.	24	14 ·04	17 ·10	28
28	Thur.	24	10 ·11	5 ·94	23	29	Thur.	25	14 ·71	12 ·20	27				A ·02		
29	Fri.	25	11 ·14	... ...	24	30	Fri.	26	—A ·77	13 ·29	28	—29	Tues.	25	1 ·98	18 ·10	—29
30	Sat.	26	12 ·18	6 ·00	25	—31	Sat.	27	1 ·80	14 ·36	—29	1	Wed.	26	2 ·93	19 ·09	1
—31	Sun.	27	13 ·24	7 ·09	26	1	Sun.	28	2 ·81	15 ·41	1	2	Thur.	27	3 ·85	20 ·06	2
1	Mon.	28	14 ·30	8 ·18	27	2	Mon.	29	3 ·81	16 ·45	2				*Sukla.*	21 ·01	
2	Tues.	29	—A ·38	9 ·28	28	3	Tues.	30	4 ·78	17 ·46	3	3	Fri.	28	4 ·76	22 ·95	3
3	Wed.	30	1 ·47	10 ·39	—29							4	Sat.	29	5 ·67	23 ·88	4
4	Thur.	31	2 ·55	11 ·50	1							5	Sun.	30	6 ·57	24 ·82	5
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	3 ·62	12 ·60	2	4	Wed.	1	5 ·74	18 ·45	4	6	Mon.	1	7 ·47	25 ·75	6
6	Sat.	2	4 ·67	13 ·68	3	5	Thur.	2	6 ·68	19 ·42	5	7	Tues.	2	8 ·38	26 ·68	7
7	Sun.	3	5 ·71	14 ·74	4	6	Fri.	3	7 ·61	20 ·38	6	8	Wed.	3	9 ·29	27 ·62	8
8	Mon.	4	6 ·72	15 ·78	5	7	Sat.	4	8 ·52	21 ·34	7	9	Thur.	4	10 ·21	1 ·57	9
9	Tues.	5	7 ·71	16 ·80	6	8	Sun.	5	9 ·43	22 ·27	8	10	Fri.	5	11 ·14	2 ·53	10
10	Wed.	6	8 ·69	17 ·81	7	9	Mon.	6	10 ·33	23 ·20	9	11	Sat.	6	12 ·09	3 ·51	11
11	Thur.	7	9 ·64	18 ·79	8	10	Tues.	7	11 ·23	24 ·13	10	12	Sun.	7	13 ·05	4 ·51	12
12	Fri.	8	10 ·58	19 ·76	9	11	Wed.	8	12 ·13	25 ·06	11	13	Mon.	8	14 ·04	5 ·52	13
13	Sat.	9	11 ·50	20 ·71	10	12	Thur.	9	13 ·04	26 ·01	12	14	Tues.	9	P ·03	6 ·56	14
14	Sun.	10	12 ·42	21 ·65	11				14 ·96	27 ·95		15	Wed.	10	1 ·06	7 ·61	15
15	Mon.	11	13 ·32	22 ·59	12	13	Fri.	10	P ·89	1 ·90	13	16	Thur.	11	2 ·11	8 ·70	16
16	Tues.	12	14 ·22	23 ·53	13	14	Sat.	11	1 ·83	2 ·87	14	17	Fri.	12	3 ·17	9 ·79	17
17	Wed.	13	P ·11	24 ·45	14	15	Sun.	12	2 ·79	3 ·85	15	18	Sat.	13	4 ·25	10 ·89	18
			1 ·01			16	Mon.	13	3 ·77	4 ·87	16	19	Sun.	14	5 ·34	... ...	19
18	Thur.	14	2 ·92	25 ·39	15	17	Tues.	14	4 ·77	5 ·89	17	20	Mon.	15	6 ·43	11 ·00	20
19	Fri.	15	3 ·83	26 ·32	16	18	Wed.	15	5 ·79	6 ·94	18	21	Tues.	16	7 ·51	12 ·10	21
20	Sat.	16	4 ·76	27 ·27	17	19	Thur.	16	6 ·84	... ...	19	22	Wed.	17	8 ·58	13 ·21	22
21	Sun.	17	5 ·70	1 ·24	18	20	Fri	17	7 ·90	7 ·00	20	23	Thur.	18	9 ·64	14 ·28	23
22	Mon.	18	6 ·66	2 ·22	19	21	Sat.	18	8 ·98	8 ·08	21	24	Fri.	19	10 ·68	15 ·35	24
23	Tues.	19	7 ·64	3 ·21	20	22	Sun.	19	... ..	9 ·18	22	25	Sat.	20	11 ·69	16 ·40	25
24	Wed.	20	8 ·62	4 ·22	21	23	Mon.	20	9 ·06	10 ·29	23	26	Sun.	21	12 ·69	17 ·42	26
25	Thur.	21	9 ·65	5 ·25	22	24	Tues.	21	10 ·15	11 ·40	24	27	Mon.	22	13 ·67	18 ·44	27
26	Fri.	22	10 ·69	6 ·32	23	25	Wed.	22	11 ·23	12 ·50	25	28	Tues.	23	14 ·63	19 ·42	28
27	Sat.	23	11 ·74	7 ·39	24	26	Thur.	23	12 ·30	13 ·59	26	—29	Wed.	24	—A ·57	20 ·39	29
28	Sun.	24	12 ·82	8 ·48	25	27	Fri.	24	13 ·36	14 ·67	27	1	Thur.	25	1 ·49	21 ·34	—30
29	Mon.	25	13 ·91	9 ·58	26	28	Sat.	25	14 ·40	15 ·72	28	2	Fri.	26	2 ·41	22 ·28	1
30	Tues.	26	14 ·99	10 ·69	27	29	Sun. ●	26	—A ·42	16 ·77	29	3	Sat.	27	3 ·32	23 ·22	2
—31	Wed.	27	... ...	11 ·80	28	—30	Mon.	27	1 ·41	17 ·78	—30	4	Sun.	28	4 ·22	24 ·16	3
1	Thur.	28	—A ·07	12 ·90	29	1	Tues.	28	2 ·38	18 ·78	1	5	Mon.	29	5 ·12	25 ·09	4
2	Fri.	29	1 ·14	13 ·98	—30	2	Wed.	29	3 ·35	19 ·75	2				*Sukla.* 6 ·02	26 ·02	
3	Sat.	30	2 ·20	... ...	1	3	Thur.	30	4 ·29	20 ·72	3	6	Tues.	30	7 ·93	27 ·95	5
4	Sun.	31	3 ·24	14 ·05	2	4	Fri.	31	5 ·22	21 ·67	4	7	Wed.	31	8 ·85	1 ·90	6

Prabhava. **Karkaṭaka—Āḍi.** *Śrāvaṇa.* *Bahula.* **Adhika** *Bhādrapada.* *Sukla.* *Prabhava.* **Simha—Āvaṇi.** *H. 542 Śafar.* *Prabhava.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Rija Bhādrapada.** *Sukla.* *H. 542 Rabi-ul ākhir.* *Prabhava.* **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Sukla.* *H. 542 Jamāda'l awwal.* *Prabhava.* **Vṛśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* *H. 542 Rajab.* *Prabhava.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśīrsha.** *Sukla.* *H. 542 Ramażān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1148. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·04.** **Śaka 1070.** **Kaliyuga 4249.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·99.** **(S. Cycle) Vibhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Thur.	1	*Sukla.* 9 ·79	2 ·87	7	8	Mon.	1	10 ·93	7 ·55	8	8	Sat.	1	11 ·35	13 ·71	10
9	Fri.	2	10 ·74	3 ·84	8	9	Tues.	2	11 ·98	8 ·61	9	9	Sun.	2	12 ·43	14 ·82	11
10	Sat.	3	11 ·70	4 ·83	9	10	Wed.	3	... ...	9 ·69	10	10	Mon.	3	13 ·50	15 ·90	12
11	Sun.	4	12 ·68	5 ·84	10	11	Thur.	4	*Phalguna.* 12 ·04	10 ·79	11	11	Tues.	4	14 ·54	16 ·97	13
12	Mon.	5	13 ·67	6 ·87	11	12	Fri.	5	13 ·11	11 ·90	12	12	Wed.	5	P ·57	... ...	14
13	Tues.	6	14 ·70	7 ·93	12	13	Sat.	6	14 ·20	... ...	13	13	Thur.	6	1 ·59	17 ·01	15
14	Wed.	7	P ·75	... ...	13	14	Sun.	7	P ·29	12 ·01	14	14	Fri.	7	2 ·58	18 ·04	16
15	Thur.	8	1 ·82	8 ·00	14	15	Mon.	8	1 ·37	13 ·11	15	15	Sat.	8	3 ·55	19 ·06	17
16	Fri.	9	2 ·90	9 ·09	15	16	Tues.	9	2 ·43	14 ·20	16	16	Sun.	9	4 ·50	20 ·04	18
17	Sat.	10	3 ·99	10 ·19	16	17	Wed.	10	3 ·49	15 ·28	17	17	Mon.	10	5 ·44	21 ·01 / 22 ·97	19
18	Sun.	11	... ...	11 ·29	17	18	Thur.	11	4 ·53	16 ·35	18						
19	Mon.	12	4 ·07	12 ·41	18	19	Fri.	12	5 ·54	17 ·39	19	18	Tues.	11	6 ·36	23 ·91	20
20	Tues.	13	5 ·15	13 ·51	19	20	Sat.	13	6 ·53	18 ·40	20	19	Wed.	12	7 ·27	24 ·86	21
21	Wed.	14	6 ·22	14 ·59	20	21	Sun.	14	7 ·51	19 ·40	21	20	Thur.	13	8 ·17	25 ·79	22
22	Thur.	15	7 ·28	15 ·66	21	22	Mon.	15	8 ·46	20 ·38	22				9 ·07		
23	Fri.	16	8 ·32	16 ·71	22	23	Tues.	16	9 ·39	21 ·35	23	21	Fri.	14	10 ·97	26 ·72	23
24	Sat.	17	9 ·33	17 ·75	23	24	Wed.	17	10 ·32	22 ·30	24	22	Sat.	15	11 ·87	27 ·65	24
25	Sun.	18	10 ·33	18 ·76	24	25	Thur.	18	11 ·23	23 ·24	25	23	Sun.	16	12 ·77	1 ·59	25
26	Mon.	19	11 ·31	19 ·75	25	26	Fri.	19	12 ·14	24 ·17	26	24	Mon.	17	13 ·68	2 ·53	26
27	Tues.	20	12 ·26	20 ·72	26	27	Sat.	20	13 ·04 / 14 ·94	25 ·10	27	25	Tues.	18	14 ·61	3 ·50	27
28	Wed.	21	13 ·20	21 ·67	27							26	Wed.	19	--A ·55	4 ·47	28
29	Thur.	22	14 ·13	22 ·62	28					26 ·04 / 27 ·97		27	Thur.	20	1 ·51	5 ·45	29
						28	Sun.	21	—A ·84		28	28	Fri.	21	2 ·49	6 ·46	—30
—30	Fri.	28	A ·05 / 1 ·96	23 ·57	—29							29	Sat.	22	3 ·48	7 ·49	1
						29	Mon.	22	1 ·74	1 ·91	—29	30	Sun.	23	4 ·50	8 ·54	2
1	Sat.	24	2 ·86	24 ·50	1	—30	Tues.	23	*Sukla.* 2 ·65	2 ·86	1						
2	Sun.	25	3 ·76	25 ·43	2	1	Wed.	24	3 ·58	3 ·83	2	—31	Mon.	24	5 ·54	9 ·60	3
3	Mon.	26	4 ·66	26 ·36	3	2	Thur.	25	4 ·53	4 ·81	3	1	Tues.	25	6 ·60	10 ·70	4
4	Tues.	27	*Sukla.* 5 ·57	27 ·29	4	3	Fri.	26	5 ·49	5 ·81	4	2	Wed.	26	7 ·67	11 ·79	5
5	Wed.	28	6 ·49	1 ·24	5	4	Sat.	27	6 ·47	6 ·82	5	3	Thur.	27	8 ·75	12 ·90	6
6	Thur.	29	7 ·42	2 ·20	6	5	Sun.	28	7 ·46	7 ·86	6	4	Fri.	28	9 ·84	... ...	7
7	Fri.	30	8 ·36	3 ·17	7	6	Mon.	29	8 ·48	8 ·92	7	5	Sat.	29	*Jyeshtha.* 10 ·91	13 ·02	8
8	Sat.	31	9 ·33	4 ·15	8	7	Tues.	30	9 ·52	9 ·99	8	6	Sun.	30	11 ·98	14 ·12	9
						8	Wed.	31	10 ·59	... ...	9	7	Mon.	31	... ...	15 ·20	10
	Feb.						**April.**						**June.**				
9	Sun.	1	10 ·31	5 ·16	9	9	Thur.	1	11 ·67	10 ·10	10	8	Tues.	1	12 ·04	16 ·28	11
10	Mon.	2	11 ·31	6 ·19	10	10	Fri.	2	12 ·75	11 ·20	11	9	Wed.	2	13 ·07	17 ·33	12
11	Tues.	3	12 ·33	7 ·24	11	11	Sat.	3	13 ·84	12 ·30	12	10	Thur.	3	14 ·08	18 ·37	13
12	Wed.	4	13 ·37	8 ·31	12	12	Sun.	4	14 ·92	13 ·41	13	11	Fri.	4	P ·07	19 ·38	14
13	Thur.	5	*Magha.* 14 ·44	9 ·39	13	13	Mon.	5	P ·98	14 ·50	14	12	Sat.	5	1 ·04 / 2 ·98	20 ·37	15
14	Fri.	6	P ·52	10 ·49	14	14	Tues.	6	*Chaitra.*	15 ·59	15						
15	Sat.	7	1 ·61	11 ·60	15	15	Wed.	7	1 ·03	16 ·66	16	13	Sun.	6	3 ·92	21 ·35	16
16	Sun.	8	2 ·70	12 ·71	16	16	Thur.	8	2 ·06	17 ·70	17	14	Mon.	7	4 ·84	22 ·30	17
17	Mon.	9	3 ·78	13 ·81	17	17	Fri.	9	3 ·08	18 ·72	18	15	Tues.	8	5 ·75	23 ·25	18
18	Tues.	10	4 ·84	14 ·90	18	18	Sat.	10	4 ·07	19 ·72	19	16	Wed.	9	6 ·65	24 ·20	19
19	Wed.	11	5 ·90	15 ·97	19	19	Sun.	11	5 ·05	20 ·72	20	17	Thur.	10	7 ·55	25 ·13	20
20	Thur.	12	6 ·94	... ...	20				6 ·00							26 ·06	
21	Fri.	13	7 ·95	16 ·03	21	20	Mon.	12	7 ·[illegible]	21 ·68	21	18	Fri.	11	8 ·45	27 ·99	21
22	Sat.	14	8 ·95	17 ·07	22	21	Tues.	13	8 ·85	22 ·64	22	19	Sat.	12	9 ·35	1 ·92	22
23	Sun.	15	9 ·92	18 ·08	23	22	Wed.	14	9 ·76	23 ·58	23	20	Sun.	13	10 ·25	2 ·87	23
24	Mon.	16	10 ·87	19 ·07	24	23	Thur.	15	10 ·67	24 ·51	24	21	Mon.	14	11 ·16	3 ·83	24
25	Tues.	17	11 ·81	20 ·05	25	24	Fri.	16	11 ·57	25 ·45	25	22	Tues.	15	12 ·09	4 ·79	25
26	Wed.	18	12 ·74	21 ·01 / 22 ·97	26	25	Sat.	17	12 ·47	26 ·38	26	23	Wed.	16	13 ·03 / 14 ·99	5 ·78	26
27	Thur.	19	13 ·66	23 ·90	27	26	Sun.	18	13 ·37	27 ·31	27						
28	Fri.	20	14 ·57	24 ·83	28	27	Mon.	19	14 ·27	1 ·25	28	24	Thur.	17	—A ·96	6 ·78	27
29	Sat.	21	—A ·47	25 ·76	29	28	Tues.●	20	—A ·18	2 ·20	29	25	Fri.	18	1 ·96	7 ·81	28
—30	Sun.	22	1 ·37	26 ·69	—30	29	Wed.	21	1 ·11	3 ·15	—30	26	Sat.	19	2 ·98	8 ·85	29
1	Mon.	23	2 ·27	27 ·64	1	30	Thur.	22	2 ·06	4 ·14	1	27	Sun.	20	... ...	9 ·92	—30
2	Tues.	24	3 ·17	1 ·58	2				3 ·02			28	Mon.	21	3 ·02	... ...	1
3	Wed.	25	4 ·09	2 ·53	3	—31	Fri.	23	*Sukla.* 4 ·99	5 ·13	2	29	Tues.	22	4 ·08	10 ·00	2
						1	Sat.	24	5 ·98	6 ·14	3	30	Wed.	23	5 ·15	11 ·09	3
4	Thur.	26	*Sukla.* 5 ·02 / 6 ·96	3 ·50	4	2	Sun.	25	... ...	7 ·17	4	31	Thur.	24	6 ·23	12 ·21	4
						3	Mon.	26	6 ·01	8 ·22	5	—32	Fri.	25	7 ·32	13 ·31	5
5	Fri.	27	7 ·92	4 ·48	5	4	Tues.	27	7 ·05	9 ·31	6	1	Sat.	26	8 ·40	14 ·42	6
6	Sat.	28	8 ·90	5 ·49	6	5	Wed.	28	8 ·11	10 ·40	7	2	Sun.	27	9 ·46	15 ·51	7
7	Sun.	29	9 ·90	6 ·51	7	6	Thur.	29	9 ·18	11 ·50	8	3	Mon.	28	*Ash.* 10 ·51	16 ·58	8
						7	Fri.	30	10 ·26	12 ·60	9	4	Tues.	29	11 ·55	17 ·55	9
												5	Wed.	30	12 ·56	18 ·59	10

Prabhava. **Makara—Tai.** H. 542 *Sha'bān.*
Prabhava. **Kumbha—Māgh.** H. 542 *Ramazān.*
Prabhava. **Mīna—Phāguni.** H. 542 *Shawwāl.*
Vibhava. **Mēsha—Chittirai.** H. 542 *Zi-l-ka'da.*
Vibhava. **Vrishabha—Vaigāsi.** H. 542 *Zi-l-hijja.*
Vibhava. **Mithuna—Ani.** H. 543 *Muharram.*
H. 543 *Safar.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1148. **Kollam 324,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 543.** **Vikrama 1205.**
A—Amāvāsyā. Commences Commences **May 22.** **Bengal San. 554.**
P—Paurnimā. **(N. Cycle) Prajāpati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Thur.	1	Āshādha. 13 ·55	19 ·60	11		Wed.	1	{ 1 ·05	26 ·08	14		Mon.	1	4 ·70	6 ·40	16
	Fri.	2	14 ·52	20 ·70	12				{ 2 ·95				Tues.	2	5 ·68	7 ·40	17
	Sat.	3	P ·47	21 ·67	13					27 ·01 }			Wed.	3	6 ·68	8 ·42	18
	Sun.	4	1 ·40	22 ·64	14		Thur.	2	3 ·85	1 ·94 }	15		Thur.	4	7 ·71	9 ·47	19
	Mon.	5	2 ·32	23 ·60	15		Fri.	3	4 ·75	2 ·88	16		Fri.	5	8 ·76	10 ·53	20
	Tues.	6	3 ·23	24 ·58	16		Sat.	4	5 ·67	3 ·82	17		Sat.	6	9 ·82	11 ·61	21
	Wed.	7	4 ·13	25 ·47	17		Sun.	5	6 ·59	4 ·79	18		Sun.	7	10 ·89	12 ·70	22
	Thur.	8	Śukla. { 5 ·03	26 ·40	18		Mon.	6	7 ·54	5 ·76	19		Mon.	8	11 ·98	13 ·81	23
			{ 6 ·93				Tues.	7	8 ·50	6 ·75	20		Tues.	9	... ...	14 ·92	24
	Fri.	9	7 ·83	27 ·33	19		Wed.	8	9 ·49	7 ·76	21		Wed.	10	12 ·08	... ...	25
	Sat.	10	8 ·73	1 ·27	20		Thur.	9	10 ·49	8 ·79	22		Thur.	11	13 ·16	15 ·02	26
	Sun.	11	9 ·64	2 ·21	21		Fri.	10	11 ·51	9 ·84	23		Fri.	12	14 ·24	16 ·12	27
	Mon.	12	10 ·57	3 ·16	22		Sat.	11	12 ·55	10 ·92	24		Sat.	13	A ·22	17 ·20	28
	Tues.	13	11 ·51	4 ·12	23		Sun.	12	13 ·61	... ...	25		Sun.	14	1 ·33	18 ·26	29
	Wed.	14	12 ·47	5 ·10	24		Mon.	13	14 ·69	11 ·00	26		Mon.	15	2 ·34	19 ·30	1
	Thur.	15	13 ·44	6 ·11	25		Tues.	14	A ·77	12 ·10	27		Tues.	16	3 ·33	20 ·32	2
	Fri.	16	14 ·45	7 ·13	26		Wed.	15	1 ·86	13 ·21	28		Wed.	17	4 ·30	21 ·32	3
	Sat.	17	A ·47	8 ·16	27		Thur.	16	2 ·94	14 ·32	29		Thur.	18	5 ·26	22 ·30	4
	Sun.	18	1 ·51	9 ·22	28		Fri.	17	... ...	15 ·42	1		Fri.	19	6 ·20	23 ·26	5
	Mon.	19	2 ·56	10 ·30	29		Sat.	18	3 ·02	16 ·51	2		Sat.	20	7 ·12	24 ·23	6
	Tues.	20	3 ·63	11 ·41	1		Sun.	19	4 ·07	17 ·58	3				{ 8 ·04		
	Wed.	21	4 ·72	12 ·51	2		Mon.	20	5 ·10	18 ·63	4		Sun.	21	{ 9 ·95	25 ·17	7
	Thur.	22	5 ·80	13 ·61	3		Tues.	21	Śukla. 6 ·12	19 ·66	5		Mon.	22	10 ·85	26 ·10	8
	Fri.	23	6 ·88	14 ·72	4		Wed.	22	7 ·10	20 ·68	6					27 ·03 }	
	Sat.	24	Śukla. 7 ·95	15 ·81	5		Thur.	23	8 ·08	21 ·67	7		Tues.	23	11 ·75	1 ·97 }	9
	Sun.	25	... ...	16 ·89	6				{ 9 ·04				Wed.	24	12 ·65	2 ·90	10
	Mon.	26	8 ·00	17 ·96	7		Fri.	24	{ 10 ·98	22 ·64	8		Thur.	25	13 ·56	3 ·84	11
	Tues.	27	9 ·04	... ...	8		Sat.	25	11 ·90	23 ·60	9		Fri.	26	14 ·48	4 ·79	12
	Wed.	28	10 ·05	18 ·00	9		Sun.	26	Āśvina. 12 ·81	24 ·54	10		Sat.	27	P ·41	5 ·75	13
	Thur.	29	11 ·03	19 ·02	10		Mon.	27	13 ·72	25 ·49	11		Sun.	28	1 ·86	6 ·72	14
	Fri.	30	{ 12 ·00	20 ·02	11		Tues.	28	14 ·62	26 ·42	12		Mon.	29	2 ·33	7 ·73	15
			{ 13 ·96				Wed.	29	P ·52	27 ·35	13		Tues.	30	3 ·31	8 ·74	16
	Sat.	31	14 ·89	21 ·00 }	12		Thur.	30	1 ·42	1 ·28	14						
				22 ·98 }													
	Aug.						**Oct.**						**Dec.**				
	Sun.	1	Śrāvaṇa. P ·81	23 ·93	13		Fri.	1	2 ·33	2 ·22	15		Wed.	1	4 ·33	9 ·78	17
	Mon.	2	1 ·72	24 ·87	14		Sat.	2	3 ·24	3 ·16	16		Thur.	2	5 ·35	10 ·83	18
	Tues.	3	2 ·62	25 ·81	15		Sun.	3	4 ·17	4 ·12	17		Fri.	3	6 ·39	11 ·91	19
	Wed.	4	3 ·52	26 ·78	16		Mon.	4	Śukla. 5 ·11	5 ·09	18		Sat.	4	7 ·45	... ...	20
	Thur.	5	4 ·42	27 ·67	17		Tues.	5	6 ·08	6 ·07	19		Sun.	5	8 ·53	12 ·01	21
	Fri.	6	5 ·32	1 ·61	18		Wed.	6	7 ·07	7 ·08	20		Mon.	6	9 ·62	13 ·11	22
	Sat.	7	6 ·22	2 ·54	19		Thur.	7	8 ·07	8 ·10	21		Tues.	7	10 ·71	14 ·22	23
	Sun.	8	7 ·14	3 ·49	20		Fri.	8	9 ·09	9 ·16	22		Wed.	8	11 ·80	15 ·32	24
	Mon.	9	8 ·07	4 ·45	21		Sat.	9	10 ·14	10 ·22	23		Thur.	9	12 ·87	16 ·42	25
	Tues.	10	{ 9 ·01	5 ·44	22		Sun.	10	11 ·20	11 ·30	24		Fri.	10	13 ·93	17 ·51	26
			{ 10 ·97				Mon.	11	12 ·27	12 ·40	25		Sat.	11	14 ·97	18 ·57	27
	Wed.	11	Bahula. 11 ·95	6 ·43	23		Tues.	12	13 ·35	13 ·51	26		Sun.	12	A ·98	19 ·62	28
	Thur.	12	12 ·95	7 ·44	24		Wed.	13	14 ·45	14 ·62	27		Mon.	13	1 ·97	20 ·64	29
	Fri.	13	13 ·97	8 ·47	25		Thur.	14	A ·53	15 ·72	28		Tues.	14	2 ·95	21 ·65	30
	Sat.	14	... ...	9 ·53	26		Fri.	15	1 ·60	16 ·81	29		Wed.	15	3 ·90	22 ·64	1
	Sun.	15	14 ·01	10 ·61	27		Sat.	16	2 ·66	17 ·89	30		Thur.	16	4 ·84	23 ·61	2
	Mon.	16	A ·07	11 ·70	28		Sun.	17	3 ·70	18 ·94	1		Fri.	17	5 ·77	24 ·56	3
	Tues.	17	1 ·15	12 ·80	29		Mon.	18	Śukla. 4 ·71	19 ·99	2		Sat.	18	6 ·69	25 ·50	4
	Wed.	18	2 ·23	13 ·91	30		Tues.	19	5 ·70	... ...	3		Sun.	19	7 ·60	26 ·44	5
	Thur.	19	3 ·32	... ...	1		Wed.	20	6 ·68	20 ·00	4		Mon.	20	8 ·50	27 ·38	6
	Fri.	20	4 ·40	14 ·01	2					21 ·00 }			Tues.	21	9 ·40	1 ·31	7
	Sat.	21	Śukla. 5 ·47	15 ·11	3		Thur.	21	7 ·68	22 ·97 }	5		Wed.	22	10 ·30	2 ·24	8
	Sun.	22	6 ·52	16 ·21	4		Fri.	22	8 ·57	23 ·93	6		Thur.	23	11 ·21	3 ·17	9
	Mon.	23	7 ·55	17 ·27	5		Sat.	23	9 ·50	24 ·89	7		Fri.	24	12 ·13	4 ·12	10
	Tues.	24	8 ·57	18 ·32	6		Sun.	24	Kārt. 10 ·42	25 ·83	8		Sat.	25	13 ·06	5 ·08	11
	Wed.	25	9 ·55	19 ·34	7		Mon.	25	11 ·32	26 ·76	9				{ 14 ·01		
	Thur.	26	10 ·53	20 ·35	8		Tues.	26	12 ·22	27 ·69	10		Sun.	26	{ P ·98	6 ·06	12
	Fri.	27	11 ·48	21 ·34	9		Wed.	27	13 ·12	1 ·62	11		Mon.	27	Pausha. 1 ·96	7 ·05	13
	Sat.	28	12 ·41	22 ·31	10				{ 14 ·02				Tues.	28	2 ·97	8 ·06	14
	Sun.	29	13 ·34	23 ·27	11		Thur.	28	{ P ·93	2 ·55	12		Wed.	29	3 ·99	9 ·09	15
	Mon.	30	14 ·25	24 ·21	12		Fri.	29	1 ·85	3 ·50	13		Thur.	30	... ...	10 ·14	16
	Tues.	31	P ·15	25 ·14	13		Sat.	30	2 ·78	4 ·45	14		Fri.	31	4 ·04	11 ·22	17
							Sun.	31	3 ·73	5 ·42	15						

Vibhava. **Karkataka—Ādi.** *Vibhava.* **Kanyā—Purattāśi.** *Vibhava.* **Tulā—Aippaśi.** *Vibhava.* **Vṛśchika—Kārttigai.** *Vibhava.* **Dhanus—Mārgali.** *Vibhava.* **Makara—Tai.** *Vibhava.* **Kumbha—Māśi.** *Vibhava.* **Mīna—Paṅguni.** *Vibhava.* **Meśa—Chittirai.** *Vibhava.* **Vṛśha—Vaikāśi.** *Vibhava.* **Mithuna—Āni.** *Vibhava.* **Siṁha—Āvaṇi.**

H. 543 Śafar. *H. 543 Rabī-ul awwal.* *H. 543 Rabī-ul ākhir.* *H. 543 Jamāda'l awwal.* *H. 543 Jamāda'l ākhir.* *H. 543 Rajab.* *H. 543 Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1149. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ☉ **(Surya Sid.) March 24·29.** **Śaka 1071.** **Kaliyuga 4250.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·24.** **(S. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Sat.	1	5 ·11	12 ·31	18	8	Tues.	1	5 ·67	16 ·33	18	8	Sun.	1	7 ·87	22 ·27	20
9	Sun.	2	6 ·19	13 ·41	19	9	Wed.	2	6 ·74	17 ·42	19	9	Mon.	2	8 ·83	23 ·26	21
10	Mon.	3	7 ·28	14 ·51	20	10	Thur.	3	7 ·80	18 ·50	20	10	Tues.	3	9 ·76	24 ·23	22
11	Tues.	4	8 ·36	15 ·62	21	11	Fri.	4	8 ·84	19 ·56	21	11	Wed.	4	10 ·68	25 ·19	23
12	Wed.	5	9 ·44	16 ·73	22	12	Sat.	5	9 ·85	20 ·61	22	12	Thur.	5	11 ·58	26 ·13	24
13	Thur.	6	10 ·51	17 ·81	23	13	Sun.	6	10 ·83	21 ·62	23	13	Fri.	6	12 ·48	27 ·07	25
14	Fri.	7	11 ·57	18 ·88	24	14	Mon.	7	11 ·81	22 ·62	24	14	Sat.	7	13 ·38	1 ·01 / 2 ·94	26
15	Sat.	8	12 ·61	19 ·93	25	15	Tues.	8	12 ·76	23 ·60	25						
16	Sun.	9	13 ·63	20 ·96	26	16	Wed.	9	13 ·70	24 ·56	26	15	Sun.	8	14 ·28	3 ·87	27
17	Mon.	10	14 ·62	21 ·98	27	17	Thur.	10	14 ·62	25 ·52	27	16	Mon.	9	—A ·18	4 ·80	28
18	Tues.	11	—A ·59	22 ·97	28	18	Fri.	11	—A ·53	26 ·46	28	17	Tues.	10	1 ·09	5 ·75	—29
19	Wed.	12	1 ·55	23 ·94	—29	19	Sat.	12	1 ·43	27 ·39	—29				2 ·00		
20	Thur.	13	2 ·49	24 ·89	1	20	Sun.	13	2 ·33	1 ·32	1	18	Wed.	11	3 ·92	6 ·70	1
21	Fri.	14	3 ·42	25 ·84	2	21	Mon.	14	3 ·23	2 ·25	2	19	Thur.	12	4 ·86	7 ·68	2
22	Sat.	15	4 ·33	26 ·78	3	22	Tues.	15	4 ·13	3 ·19	3	20	Fri.	13	5 ·83	8 ·67	3
23	Sun.	16	5 ·28	27 ·72	4	23	Wed.	16	5 ·04 / 6 ·96	4 ·13	4	21	Sat.	14	6 ·80	9 ·72	4
24	Mon.	17	6 ·13	1 ·65	5							22	Sun.	15	7 ·81	10 ·71	5
25	Tues.	18	7 ·03 / 8 ·94	2 ·58	6	24	Thur.	17	7 ·89	5 ·03	5	23	Mon.	16	8 ·83	11 ·75	6
						25	Fri.	18	8 ·83	6 ·04	6	24	Tues.	17	9 ·88	12 ·83	7
26	Wed.	19	9 ·85	3 ·51	7	26	Sat.	19	9 ·80	7 ·02	7	25	Wed.	18	10 ·93	13 ·92	8
27	Thur.	20	10 ·77	4 ·45	8	27	Sun.	20	10 ·78	8 ·03	8	26	Thur.	19	... ...	... ...	9
28	Fri.	21	11 ·70	5 ·42	9	28	Mon.	21	11 ·78	9 ·04	9	27	Fri.	20	11 ·00	14 ·01	10
—29	Sat.	22	12 ·65	6 ·39	10	29	Tues.	22	12 ·81	10 ·08	10	28	Sat.	21	12 ·09	15 ·12	11
1	Sun.	23	13 ·61	7 ·37	11	—30	Wed.	23	13 ·85	11 ·14	11	29	Sun.	22	13 ·17	16 ·23	12
2	Mon.	24	14 ·60	8 ·32	12	1	Thur.	24	14 ·91	12 ·21	12	30	Mon.	23	14 ·25	17 ·34	13
3	Tues.	25	P ·60	9 ·40	13	2	Fri.○	25	P ·98	13 ·31	13	31	Tues.	24	P ·32	18 ·42	14
4	Wed.	26	1 ·62	10 ·46	14	3	Sat.	26	... ...	14 ·42	14	—32	Wed.	25	1 ·37	19 ·50	15
5	Thur.	27	2 ·67	11 ·53	15	4	Sun.	27	1 ·07	15 ·52	15	1	Thur.	26	2 ·40	20 ·55	16
6	Fri.	28	3 ·73	12 ·61	16	5	Mon.	28	2 ·15	16 ·63	16	2	Fri.	27	3 ·41	21 ·58	17
7	Sat.	29	4 ·81	13 ·71	17	6	Tues.	29	3 ·23	17 ·72	17	3	Sat.	28	4 ·39	22 ·60	18
8	Sun.	30	5 ·90	14 ·81	18	7	Wed.	30	4 ·30	18 ·80	18	4	Sun.	29	5 ·36	23 ·59	19
9	Mon.	31	6 ·99	15 ·93	19	8	Thur.	31	5 ·35	19 ·88	19	5	Mon.	30	6 ·31	24 ·56	20
												6	Tues.	31	7 ·25	25 ·52	21
		Feb.						**April.**						**June.**			
10	Tues.	1	... ...	... ...	20	9	Fri.	1	6 ·39	20 ·92	20	7	Wed.	1	8 ·17	26 ·47	22
11	Wed.	2	7 ·07	16 ·03	21	10	Sat.	2	7 ·40	21 ·94	21				9 ·07		
12	Thur.	3	8 ·14	17 ·12	22	11	Sun.	3	8 ·39	22 ·94	22	8	Thur.	2	10 ·97	27 ·42	23
13	Fri.	4	9 ·20	18 ·19	23	12	Mon.	4	9 ·36	23 ·93	23	9	Fri.	3	11 ·87	1 ·33	24
14	Sat.	5	10 ·23	19 ·25	24	13	Tues.	5	10 ·31	24 ·90	24	10	Sat.	4	12 ·76	2 ·28	25
15	Sun.	6	11 ·25	20 ·28	25	14	Wed.	6	11 ·24	25 ·85	25	11	Sun.	5	13 ·66	3 ·21	26
16	Mon.	7	12 ·24	21 ·30	26	15	Thur.	7	12 ·16	26 ·80	26	12	Mon.	6	14 ·57	4 ·14	27
17	Tues.	8	13 ·22	22 ·29	27	16	Fri.	8	13 ·07 / 14 ·98	27 ·73	27	13	Tues.	7	—A ·48	5 ·08	28
18	Wed.	9	14 ·17	23 ·27	28							14	Wed.	8	1 ·41	6 ·05	29
19	Thur.	10	—A ·11	24 ·23	29	17	Sat.	9	—A ·88	1 ·66	28	15	Thur.	9	2 ·35	7 ·01	—30
20	Fri.	11	1 ·03 / 2 ·94	25 ·17	—30	18	Sun.	10	1 ·78	2 ·60	29	16	Fri.	10	3 ·31	8 ·00	1
						19	Mon.	11	2 ·68	3 ·53	—30	17	Sat.	11	4 ·29	9 ·00	2
21	Sat.	12	3 ·85	26 ·12	1	20	Tues.	12	3 ·58	4 ·47	1	18	Sun.	12	5 ·29	10 ·02	3
22	Sun.	13	4 ·75	27 ·05 / 1 ·98	2	21	Wed.	13	4 ·49	5 ·42	2	19	Mon.	13	6 ·31	11 ·07	4
						22	Thur.	14	5 ·42	6 ·37	3	20	Tues.	14	7 ·36	12 ·14	5
23	Mon.	14	5 ·65	2 ·92	3	23	Fri.	15	6 ·36	7 ·36	4	21	Wed.	15	8 ·43	13 ·22	6
24	Tues.	15	6 ·55	3 ·85	4	24	Sat.	16	7 ·33	8 ·35	5	22	Thur.	16	9 ·50	14 ·31	7
25	Wed.	16	7 ·47	4 ·80	5	25	Sun.	17	8 ·31	9 ·36	6	23	Fri.	17	10 ·58	15 ·42	8
26	Thur.	17	8 ·38	5 ·75	6	26	Mon.	18	9 ·32	10 ·39	7	24	Sat.	18	11 ·66	16 ·53	9
27	Fri.	18	9 ·31	6 ·72	7	27	Tues.	19	10 ·33	11 ·45	8	25	Sun.	19	12 ·78	17 ·64	10
28	Sat.	19	10 ·26	7 ·70	8	28	Wed.	20	11 ·37	12 ·52	9	26	Mon.	20	13 ·79	18 ·73	11
29	Sun.	20	11 ·22	8 ·70	9	29	Thur.	21	12 ·43	13 ·62	10	27	Tues.	21	14 ·84	19 ·80	12
—30	Mon.	21	12 ·21	9 ·73	10	30	Fri.	22	13 ·51	14 ·72	11	28	Wed.	22	P ·87	20 ·86	13
1	Tues.	22	13 ·21	10 ·77	11	—31	Sat.	23	14 ·60	15 ·82	12	29	Thur.	23	1 ·89	21 ·91	14
2	Wed.	23	14 ·24	11 ·83	12	1	Sun.	24	P ·68	16 ·93	13	30	Fri.	24	2 ·87	22 ·92	15
3	Thur.	24	P ·28	12 ·91	13	2	Mon.	25	1 ·78	... ...	14	—31	Sat.	25	3 ·84	23 ·92	16
4	Fri.	25	1 ·34	13 ·99	14	3	Tues.	26	2 ·82	17 ·03	15	1	Sun.	26	4 ·79	24 ·89	17
5	Sat.	26	2 ·42	... ...	15	4	Wed.	27	3 ·87	18 ·12	16	2	Mon.	27	5 ·72	25 ·86	18
6	Sun.	27	3 ·50	14 ·09	16	5	Thur.	28	4 ·91	19 ·19	17	3	Tues.	28	6 ·63	26 ·80	19
7	Mon.	28	4 ·59	15 ·21	17	6	Fri.	29	5 ·91	20 ·23	18	4	Wed.	29	7 ·54	27 ·75	20
						7	Sat.	30	6 ·90	21 ·26	19	5	Thur.	30	8 ·44	1 ·69	21

Vibhava. **Makara—Tai.** *Śuk.* *Bahula.* **Māgha.** *Śuk.* *Bahula.* **Phālguna.** *Śuk.* *Bahula.* **Chaitra.** *Śuk.* *Bahula.* **Vaiśākha.** *Śuk.* *Bahula.* **Jyeshtha.** *Śuk.* *Bahula.* **Āshādha.** *Śuk.* *Bahula.*

Vibhava. **Kumbha—Māśi.** *Śuk.* **Mēsha—Chittirai.** *Śuk.* **Vrishabha—Vaigāśi.** *Śuk.* **Mithuna—Āni.** *Śuk.*

H. 543 Śha'bān. *H. 543 Ramażān.* *H. 543 Shawwāl.* *H. 543 Zi-l-ka'da.* *H. 543 Zi-l-hijja.* *H. 544 Muharram.* *H. 544 Śafar.*

Nakah:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1149. **Kollam 325,** { **N. Malabar—Aug.** **Hijra 544.** **Vikrama 1206.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 11.** **Bengal San. 555.**
P—Paurnimā. **(N. Cycle) Aṅgiras.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	9 ·34	2 ·62	22	5	Thur.	1	13 ·79	10 ·98	25	6	Tues.	1	14 ·19	... ...	27
7	Sat.	2	10 ·24	3 ·55	23	6	Fri.	2	14 ·80	... ...	26	7	Wed.	2	—A ·28	16 ·02	28
8	Sun.	3	11 ·14	4 ·48	24	7	Sat.	3	—A ·82	11 ·01	27	8	Thur.	3	1 ·37	17 ·14	—29
9	Mon.	4	12 ·05 13 ·96	5 ·43	25	8	Sun.	4	1 ·86	12 ·06	28	9	Fri.	4	2 ·45	18 ·24	1
10	Tues.	5	14 ·88	6 ·38	26	9	Mon.	5	2 ·92	13 ·13	—29	10	Sat.	5	3 ·52	19 ·34	2
11	Wed.	6	—A ·82	7 ·34	27	10	Tues.	6	... ...	14 ·22	1	11	Sun.	6	4 ·58	20 ·41	3
12	Thur.	7	1 ·78	8 ·32	28	11	Wed.	7	3 ·00	15 ·32	2	12	Mon.	7	5 ·61	21 ·47	4
13	Fri.	8	2 ·77	9 ·32	—29	12	Thur.	8	4 ·09	16 ·43	3	13	Tues.	8	6 ·63	22 ·52	5
14	Sat.	9	3 ·77	10 ·35	1	13	Fri.	9	5 ·18	17 ·53	4	14	Wed.	9	7 ·61	23 ·54	6
15	Sun.	10	4 ·80	11 ·38	2	14	Sat.	10	6 ·26	18 ·63	5	15	Thur.	10	8 ·59	24 ·54	7
16	Mon.	11	5 ·83	12 ·44	3	15	Sun.	11	7 ·32	19 ·73	6	16	Fri.	11	9 ·54	25 ·52	8
17	Tues.	12	6 ·89	13 ·52	4	16	Mon.	12	8 ·37	20 ·80	7	17	Sat.	12	10 ·48	26 ·48	9
18	Wed.	13	7 ·97	14 ·61	5	17	Tues.	13	9 ·41	21 ·85	8	18	Sun.	13	11 ·40	27 ·45	10
19	Thur.	14	... ...	15 ·73	6	18	Wed.	14	10 ·42	22 ·88	9	19	Mon.	14	12 ·32	1 ·39	11
20	Fri.	15	8 ·05	16 ·83	7	19	Thur.	15	11 ·41	23 ·89	10	20	Tues	15	13 ·23	2 ·33	12
21	Sat.	16	9 ·13	17 ·94	8	20	Fri.	16	12 ·38	24 ·89	11	21	Wed.	16	14 ·13	3 ·25	13
22	Sun.	17	10 ·21	... ...	9	21	Sat.	17	13 ·34	25 ·86	12	22	Thur.	17	P ·03 1 ·83	4 ·18	14
23	Mon.	18	11 ·28	18 ·03	10	22	Sun.	18	14 ·27	26 ·83	13	23	Fri.	18	2 ·84	5 .11	15
24	Tues.	19	12 ·32	19 ·11	11	23	Mon.	19	P ·19	27 ·76	14	24	Sat.	19	3 ·76	6 ·06	16
25	Wed.	20	13 ·35	20 ·18	12	24	Tues.	20	1 ·10	1 ·70	15	25	Sun.	20	4 ·70	7 ·01 8 ·97	17
26	Thur.	21	14 ·37	21 ·22	13	25	Wed.	21	2 ·01 3 ·91	2 ·63	16	26	Mon.	21	5 ·65	9 ·93	18
27	Fri.	22	P ·35	22 ·24	14	26	Thur.	22	4 ·81	3 ·57	17	27	Tues.	22	6 ·61	10 ·94	19
28	Sat.	23	1 ·32	23 ·24	15	27	Fri.	23	5 ·71	4 ·50	18	28	Wed.	23	7 ·60	11 ·96	20
29	Sun.	24	2 ·27	24 ·22	16	28	Sat.	24	6 ·62	5 ·44	19	29	Thur.	24	8 ·61	... ...	21
30	Mon.	25	3 ·20	25 ·19	17	29	Sun.	25	7 ·54	6 ·38	20	—30	Fri.	25	9 ·64	12 ·00	22
31	Tues.	26	4 ·12	26 ·15	18	—30	Mon.	26	8 ·47	7 ·34	21	1	Sat.	26	10 ·69	13 ·05	23
—32	Wed.	27	5 ·03 6 ·93	27 ·09	19	1	Tues.	27	9 ·41	8 ·31	22	2	Sun.	27	11 ·75	14 ·13	24
1	Thur.	28	7 ·83	1 ·02 2 ·95	20	2	Wed.	28	10 ·38	9 ·29	23	3	Mon.	28	12 ·83	15 ·22	25
2	Fri.	29	8 ·73	3 ·94	21	3	Thur.	29	11 ·36	10 ·30	24	4	Tues.	29	13 ·91	16 ·33	26
3	Sat.	30	9 ·63	4 ·83	22	4	Fri.	30	12 ·37	11 ·32	25	5	Wed.	30	... ...	17 ·44	27
4	Sun.	31	10 ·54	5 ·76	23												
	Aug.						**Oct.**						**Dec.**				
5	Mon.	1	11 ·45	6 ·71	24	5	Sat.	1	13 ·39	12 ·37	26	6	Thur.	1	14 ·01	18 ·54	28
6	Tues.	2	12 ·38	7 ·67	25	6	Sun.	2	14 ·44	13 ·44	27	7	Fri.	2	—A ·09	19 ·64	29
7	Wed.	3	13 ·32	8 ·65	26	7	Mon.	3	—A ·50	14 ·52	28	8	Sat.	3	1 ·16	20 ·72	—30
8	Thur.	4	14 ·28	9 ·65	27	8	Tues.	4	1 ·57	15 ·62	29	9	Sun.	4	2 ·21	21 ·79	1
9	Fri.	5	—A ·27	10 ·66	28	9	Wed.	5	2 ·66	16 ·73	—30	10	Mon.	5	3 ·24	22 ·85	2
10	Sat.	6	1 ·27	11 ·70	29	10	Thur.	6	3 ·75	17 ·83	1	11	Tues.	6	4 ·27	23 ·86	3
11	Sun.	7	2 ·29	12 ·75	—30	11	Fri.	7	4 ·84	18 ·94	2	12	Wed.	7	5 ·25	24 ·87	4
12	Mon.	8	3 ·33	13 ·82	1	12	Sat.	8	5 ·91	... ...	3	13	Thur.	8	6 ·23	25 ·85	5
13	Tues.	9	4 ·39	14 ·92	2	13	Sun.	9	6 ·96	19 ·03	4	14	Fri.	9	7 ·18	26 ·82	6
14	Wed.	10	5 ·47	... ...	3	14	Mon.	10	7 ·99	20 ·11	5	15	Sat.	10	8 ·12	27 ·77	7
15	Thur.	11	6 ·55	15 ·02	4	15	Tues.	11	... ...	21 ·16	6	16	Sun.	11	9 ·04 10 ·96	1 ·72	8
16	Fri.	12	7 ·64	16 ·13	5	16	Wed.	12	8 ·00 9 ·99	22 ·20	7	17	Mon.	12	11 ·87	2 ·66	9
17	Sat.	13	8 ·71	17 ·24	6							18	Tues.	13	12 ·77	3 ·59	10
18	Sun.	14	9 ·78	18 ·33	7	17	Thur.	13	10 ·97	23 ·20	8	19	Wed.	14	13 ·67	4 ·52	11
19	Mon.	15	10 ·83	19 ·42	8	18	Fri.	14	11 ·93	24 ·22	9	20	Thur.	15	14 ·58	5 ·46	12
20	Tues.	16	11 ·87	20 ·49	9	19	Sat.	15	12 ·86	25 ·19	10	21	Fri.	16	P ·49	6 ·39	13
21	Wed.	17	12 ·88	21 ·54	10	20	Sun.	16	13 ·78	26 ·15	11	22	Sat.	17	1 ·41	7 ·37	14
22	Thur.	18	13 ·87	22 ·56	11	21	Mon.	17	14 ·69	27 ·10	12	23	Sun.	18	2 ·34	8 ·30	15
23	Fri.	19	14 ·84	23 ·57	12	22	Tues.	18	P ·60	1 ·05 2 ·98	13	24	Mon.	19	3 ·29	9 ·27	16
24	Sat.	20	P ·79	24 ·55	13							25	Tues.	20	4 ·26	10 ·27	17
25	Sun.	21	1 ·72	25 ·53	14	23	Wed.	19	1 ·50	3 ·91	14	26	Wed.	21	5 ·25	11 ·28	18
26	Mon.	22	2 ·64	26 ·48	15	24	Thur.	20	2 ·40	4 ·84	15	27	Thur.	22	6 ·25	12 ·31	19
27	Tues.	23	3 ·55	27 ·43	16	25	Fri.	21	3 ·30	5 ·77	16	28	Fri.	23	7 ·28	13 ·36	20
28	Wed.	24	4 ·45	1 ·36	17	26	Sat.	22	4 ·21	6 ·71	17	—29	Sat.	24	8 ·33	14 ·43	21
29	Thur.	25	5 ·35	2 ·29	18	27	Sun.	23	5 ·13	7 ·67	18	1	Sun.	25	9 ·40	15 ·53	22
30	Fri.	26	6 ·25	3 ·23	19	28	Mon.	24	6 ·07	8 ·64	19	2	Mon.	26	10 ·48	16 ·63	23
—31	Sat.	27	7 ·15	4 ·16	20	29	Tues.	25	7 ·02 8 ·98	9 ·62	20	3	Tues.	27	11 ·57	17 ·73	24
1	Sun.	28	8 ·06 9 ·98	5 ·10	21	—30	Wed.	26	9 ·96	10 ·62	21	4	Wed.	28	12 ·66	18 ·84	25
2	Mon.	29	10 ·91	6 ·04	22	1	Thur.	27	10 ·97	11 ·64	22	5	Thur.	29	13 ·74	19 ·94	26
3	Tues.	30	11 ·86	7 ·00 8 ·98	23	2	Fri.	28	... ...	12 ·69	23	6	Fri.	30	14 ·81	... ...	27
4	Wed.	31	12 ·82	9 ·97	24	3	Sat.	29	11 ·00	13 ·75	24	7	Sat.	31	—A ·86	20 ·04	28
						4	Sun.	30	12 ·05	14 ·83	25						
						5	Mon.	31	13 ·11	15 ·92	26						

Śukla. **Karkaṭaka—Ādi.** Śrāvaṇa. Bahula. H. 544 Rabī-ul awwal.
Śukla. **Siṁha—Āvaṇi.** Bhādrapada. Bahula. H. 544 Rabī-ul-ākhir.
Śukla. **Kanyā—Puraṭṭāśi.** Āśvina. Bahula. H. 544 Jamāda'l awwal.
Śukla. **Tulā—Aippaśi.** Kārttika. Bahula. H. 544 Jamāda'l ākhir.
Śukla. **Vṛśchika—Kārttigai.** Mārgaśīrsha. Bahula. H. 544 Rajab.
Śukla. **Dhanus—Mārgali.** Pausha. Bahula. H. 544 Sha'bān.

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1150. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·55.** **Śaka 1072.** **Kaliyuga 4251.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·50.** **(S. Cycle) Pramoda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
8	Sun. 1	1 ·90	21 ·10	—29
9	Mon. 2	2 ·91	22 ·15	1
10	Tues. 3	3 ·90	23 ·18	2
11	Wed. 4	4 ·87	24 ·19	3
12	Thur. 5	5 ·82	25 ·18	4
13	Fri. 6	6 ·76	26 ·16	5
14	Sat. 7	7 ·69	27 ·11	6
15	Sun. 8	8 ·61	1 ·06 / 2 ·99	7
16	Mon. 9	9 ·52	3 ·92	8
17	Tues. 10	10 ·42	4 ·86	9
18	Wed. 11	11 ·32	5 ·79	10
19	Thur. 12	12 ·22	6 ·73	11
20	Fri. 13	13 ·13	7 ·67	12
21	Sat. 14	14 ·05 / P ·99	8 ·63	13
22	Sun. 15	1 ·94	9 ·61	14
23	Mon. 16	2 ·90	10 ·59	15
24	Tues. 17	3 ·89	11 ·60	16
25	Wed. 18	4 ·89	12 ·62	17
26	Thur. 19	5 ·92	13 ·67	18
27	Fri. 20	6 ·96	14 ·75	19
28	Sat. 21	...	15 ·83	20
—29	Sun. 22	7 ·04	16 ·93	21
1	Mon. 23	8 ·12	...	22
2	Tues. 24	9 ·21	17 ·08	23
3	Wed. 25	10 ·29	18 ·14	24
4	Thur. 26	11 ·37	19 ·24	25
5	Fri. 27	12 ·44	20 ·34	26
6	Sat. 28	13 ·49	21 ·41	27
7	Sun. 29	14 ·53	22 ·47	28
8	Mon. 30	—A ·54	23 ·50	29
9	Tues. 31	1 ·54	24 ·51	—30
	Feb.			
10	Wed. 1	2 ·51	25 ·51	1
11	Thur. 2	3 ·46	26 ·49	2
12	Fri. 3	4 ·39	27 ·45	3
13	Sat. 4	5 ·31	1 ·39	4
14	Sun. 5	6 ·23	2 ·33	5
15	Mon. 6	7 ·14	3 ·27	6
16	Tues. 7	8 ·04 / 9 ·94	4 ·20	7
17	Wed. 8	10 ·84	5 ·13	8
18	Thur. 9	11 ·75	6 ·07	9
19	Fri. 10	12 ·67	7 ·01 / 8 ·97	10
20	Sat. 11	13 ·60	9 ·94	11
21	Sun. 12	14 ·55	10 ·92	12
22	Mon. 13	P ·52	11 ·92	13
23	Tues. 14	1 ·50	12 ·94	14
24	Wed. 15	2 ·51	13 ·99	15
25	Thur. 16	3 ·53	...	16
26	Fri. 17	4 ·58	14 ·04	17
27	Sat. 18	5 ·65	15 ·13	18
28	Sun. 19	6 ·73	16 ·23	19
29	Mon. 20	7 ·82	17 ·33	20
—30	Tues. 21	8 ·90	18 ·44	21
1	Wed. 22	9 ·98	19 ·55	22
2	Thur. 23	...	20 ·64	23
3	Fri. 24	10 ·05	21 ·72	24
4	Sat. 25	11 ·10	22 ·78	25
5	Sun. 26	12 ·13	23 ·82	26
6	Mon. 27	13 ·14	24 ·84	27
7	Tues. 28	14 ·13	25 ·84	28

Śukla. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *Śukla.* **Kumbha—Māśi.** *Bahula.* **Phālguna.** *H. 544 Ramazān.* *H. 544 Shawwāl.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
8	Wed. 1	—A ·10	26 ·82	—29
9	Thur. 2	1 ·05 / 2 ·99	27 ·79	1
10	Fri. 3	3 ·92	1 ·73	2
11	Sat. 4	4 ·83	2 ·68	3
12	Sun. 5	5 ·73	3 ·61	4
13	Mon. 6	6 ·63	4 ·54	5
14	Tues. 7	7 ·53	5 ·47	6
15	Wed. 8	8 ·43	6 ·40	7
16	Thur. 9	9 ·34	7 ·35	8
17	Fri. 10	10 ·26	8 ·30	9
18	Sat. 11	11 ·19	9 ·26	10
19	Sun. 12	12 ·14	10 ·24	11
20	Mon. 13	13 ·10	11 ·24	12
21	Tues. 14	14 ·08	12 ·25	13
22	Wed. ○ 15	P ·09	13 ·30	14
23	Thur. 16	1 ·11	14 ·36	15
24	Fri. 17	2 ·16	15 ·43	16
25	Sat. 18	3 ·22	16 ·53	17
26	Sun. 19	4 ·30	17 ·63	18
27	Mon. 20	5 ·39	18 ·75	19
28	Tues. 21	6 ·47	19 ·85	20
29	Wed. 22	7 ·55	20 ·95	21
30	Thur. 23	8 ·61	...	22
—31	Fri. 24	9 ·66	21 ·03	23
1	Sat. 25	10 ·69	22 ·09	24
2	Sun. 26	11 ·71	23 ·14	25
3	Mon. 27	12 ·69	24 ·16	26
4	Tues. 28	13 ·66	25 ·16	27
5	Wed. 29	14 ·61	26 ·15	28
6	Thur. 30	—A ·55	27 ·11	29
7	Fri. 31	1 ·47	1 ·07	—30
	April.			
8	Sat. 1	2 ·37	2 ·02 / 3 ·95	1
9	Sun. 2	3 ·27	4 ·88	2
10	Mon. 3	4 ·17	5 ·81	3
11	Tues. 4	5 ·07 / 6 ·97	6 ·74	4
12	Wed. 5	7 ·88	7 ·69	5
13	Thur. 6	8 ·80	8 ·64	6
14	Fri. 7	9 ·73	9 ·59	7
15	Sat. 8	10 ·67	10 ·57	8
16	Sun. 9	11 ·63	11 ·56	9
17	Mon. 10	12 ·62	12 ·58	10
18	Tues. 11	13 ·62	13 ·61	11
19	Wed. 12	14 ·64	14 ·67	12
20	Thur. 13	P ·69	15 ·74	13
21	Fri. 14	1 ·75	16 ·83	14
22	Sat. 15	2 ·83	17 ·94	15
23	Sun. 16	3 ·91	...	16
24	Mon. 17	...	18 ·04	17
25	Tues. 18	4 ·00	19 ·15	18
26	Wed. 19	5 ·08	20 ·25	19
27	Thur. 20	6 ·14	21 ·33	20
28	Fri. 21	7 ·18	22 ·41	21
29	Sat. 22	8 ·21	23 ·46	22
—30	Sun. 23	9 ·23	24 ·48	23
1	Mon. 24	10 ·21	25 ·49	24
2	Tues. 25	11 ·18	26 ·47	25
3	Wed. 26	12 ·13	27 ·45	26
4	Thur. 27	13 ·06 / 14 ·98	1 ·41	27
5	Fri. 28	—A ·89	2 ·35	28
6	Sat. 29	1 ·79	3 ·29	—29
7	Sun. 30	2 ·69	4 ·22	1

Śukla. **Mīna—Paṅguni.** *Pramoda.* **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *H. 544 Ẓi-l-ka'da.* *H. 544 Ẓi-l-ḥijja.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
8	Mon. 1	3 ·59	5 ·15	2
9	Tues. 2	4 ·49	6 ·09	3
10	Wed. 3	5 ·40	7 ·02 / 8 ·97	4
11	Thur. 4	6 ·31	9 ·92	5
12	Fri. 5	7 ·24	10 ·89	6
13	Sat. 6	8 ·18	11 ·89	7
14	Sun. 7	9 ·14	12 ·90	8
15	Mon. 8	10 ·12	13 ·93	9
16	Tues. 9	11 ·12	14 ·07	10
17	Wed. 10	12 ·15	...	11
18	Thur. 11	13 ·20	15 ·04	12
19	Fri. 12	14 ·26	16 ·14	13
20	Sat. 13	P ·33	17 ·24	14
21	Sun. 14	1 ·41	18 ·34	15
22	Mon. 15	2 ·49	19 ·45	16
23	Tues. 16	3 ·57	20 ·55	17
24	Wed. 17	4 ·64	21 ·64	18
25	Thur. 18	5 ·69	22 ·71	19
26	Fri. 19	6 ·71	23 ·77	20
27	Sat. 20	7 ·72	24 ·80	21
28	Sun. 21	8 ·71	25 ·81	22
29	Mon. 22	9 ·67	26 ·80	23
30	Tues. 23	10 ·61	27 ·78	24
31	Wed. 24	11 ·54	1 ·74	25
—32	Thur. 25	12 ·48	2 ·69	26
1	Fri. 26	13 ·37	3 ·63	27
2	Sat. 27	14 ·27	4 ·56	28
3	Sun. 28	—A ·17	5 ·50	29
4	Mon. 29	1 ·07 / 2 ·97	6 ·43	—30
5	Tues. 30	3 ·88	7 ·36	1
6	Wed. 31	4 ·79	8 ·30	2
	June.			
7	Thur. 1	5 ·72	9 ·26	3
8	Fri. 2	6 ·66	10 ·23	4
9	Sat. 3	7 ·62	11 ·22	5
10	Sun. 4	8 ·60	12 ·22	6
11	Mon. 5	9 ·60	13 ·24	7
12	Tues. 6	10 ·62	14 ·28	8
13	Wed. 7	11 ·67	15 ·36	9
14	Thur. 8	12 ·74	16 ·44	10
15	Fri. 9	13 ·81	17 ·53	11
16	Sat. 10	14 ·89	18 ·64	12
17	Sun. 11	P ·97	19 ·75	13
18	Mon. 12	...	20 ·86	14
19	Tues. 13	1 ·05	21 ·95	15
20	Wed. 14	2 ·12	...	16
21	Thur. 15	3 ·16	22 ·02	17
22	Fri. 16	4 ·19	23 ·08	18
23	Sat. 17	5 ·19	24 ·12	19
24	Sun. 18	6 ·18	25 ·13	20
25	Mon. 19	7 ·15	26 ·14	21
26	Tues. 20	8 ·09	27 ·11	22
27	Wed. 21	9 ·02 / 10 ·94	1 ·08	23
28	Thur. 22	11 ·85	2 ·03 / 3 ·96	24
29	Fri. 23	12 ·75	4 ·91	25
30	Sat. 24	13 ·65	5 ·84	26
—31	Sun. 25	14 ·55	6 ·76	27
1	Mon. 26	—A ·45	7 ·70	28
2	Tues. 27	1 ·35	8 ·64	—29
3	Wed. 28	2 ·27	9 ·60	1
4	Thur. 29	3 ·20	10 ·56	2
5	Fri. 30	4 ·14	11 ·54	3

Pramoda. **Vṛishabha—Vaigāśi.** *Śukla.* **Jyeshṭha.** *Bahula.* *Pramoda.* **Mithuna—Āni.** *Śukla.* **Adhika Āshādha.** *Bahula.* *H. 545 Muharram.* *H. 545 Ṣafar.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1150. **Kollam 326,** { **N. Malabar—Aug.** **Hijra 545.** **Vikrama 1207.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **April 30.** **Bengal San. 556.**
P—Paurnimā. **(N. Cycle) Śrīmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	*Sukla.* 5 ·10	12 ·54	4	5	Fri. 1	8 ·40	19 ·65	7	6	Wed. 1	10 ·92	25 ·73	9
7	Sun. 2	6 ·08	13 ·56	5	6	Sat. 2	9 ·49	20 ·75	8	7	Thur. 2	11 ·92	26 ·75	10
8	Mon. 3	7 ·09	14 ·60	6	7	Sun. 3	10 ·57	21 ·85	9	8	Fri. 3	12 ·89	27 ·76	11
9	Tues. 4	8 ·10	15 ·66	7	8	Mon. 4	11 ·68	22 ·94	10	9	Sat. 4	13 ·84	1 ·74	12
10	Wed. 5	9 ·15	16 ·74	8	9	Tues. 5	12 ·68	... ...	11	10	Sun. 5	14 ·77	2 ·70	13
11	Thur. 6	10 ·22	17 ·83	9	10	Wed. 6	13 ·71	23 ·02	12	11	Mon. 6	P ·70	3 ·65	14
12	Fri. 7	11 ·29	18 ·94	10	11	Thur. 7	14 ·73	24 ·07	13	12	Tues. 7	1 ·61	4 ·60	15
13	Sat. 8	12 ·37	... ...	11	12	Fri. ○ 8	P ·71	25 ·10	14	13	Wed. 8	2 ·51	5 ·54	16
14	Sun. 9	13 ·45	19 ·04	12	13	Sat. 9	1 ·68	26 ·11	15	14	Thur. 9	3 ·41	6 ·47	17
15	Mon. 10	14 ·53	20 ·16	13	14	Sun. 10	2 ·63	27 ·10	16	15	Fri. 10	4 ·31	7 ·40	18
16	Tues. 11	P ·59	21 ·25	14	15	Mon. 11	3 ·57	1 ·08	17	16	Sat. 11	5 ·22	8 ·33	19
17	Wed. 12	1 ·64	22 ·33	15				2 ·04		17	Sun. 12	6 ·13	9 ·27	20
18	Thur. 13	2 ·67	23 ·39	16	16	Tues. 12	4 ·49	3 ·98	18			*Bahula.* 7 ·05		*H.* 545 *Rajab.*
19	Fri. 14	3 ·68	24 ·43	17	17	Wed. 13	*Bahula.* 5 ·40	4 ·92	19	18	Mon. 13	8 ·99	10 ·23	21
20	Sat. 15	4 ·66	25 ·46	18	18	Thur. 14	6 ·30	5 ·85	20	19	Tues. 14	9 ·94	11 ·19	22
21	Sun. 16	5 ·63	26 ·46	19	19	Fri. 15	7 ·20	6 ·79	21	20	Wed. 15	10 ·91	12 ·16	23
22	Mon. 17	6 ·58	27 ·44	20	20	Sat. 16	8 ·10	7 ·72	22	21	Thur. 16	11 ·88	13 ·16	24
23	Tues. 18	7 ·51	1 ·41	21	21	Sun. 17	9 ·00	8 ·66	23	22	Fri. 17	12 ·91	14 ·17	25
24	Wed. 19	8 ·43	2 ·36	22			10 ·91			23	Sat. 18	13 ·94	15 ·22	26
25	Thur. 20	9 ·33	3 ·31	23	22	Mon. 18	11 ·83	9 ·60	24	24	Sun. 19	14 ·99	16 ·27	27
26	Fri. 21	10 ·23	4 ·24	24	23	Tues. 19	12 ·77	10 ·55	25	25	Mon. 20	... ...	17 ·35	28
27	Sat. 22	11 ·13	5 ·17	25	24	Wed. 20	13 ·72	11 ·52	26	26	Tues. 21	—A ·06	18 ·44	29
28	Sun. 23	12 ·03	6 ·10	26	25	Thur. 21	14 ·68	12 ·51	27	27	Wed. 22	1 ·14	19 ·54	—30
		13 ·93			26	Fri. 22	—A ·67	13 ·52	28	28	Thur. 23	2 ·22	20 ·66	1
			7 ·03		27	Sat. 23	1 ·67	14 ·54	29	29	Fri. 24	3 ·32	21 ·76	2
29	Mon. 24	14 ·84	8 ·98	27	28	Sun. 24	2 ·70	15 ·59	—30	30	Sat. 25	4 ·40	22 ·86	3
30	Tues. 25	—A ·76	9 ·93	28	29	Mon. 25	3 ·75	16 ·65	1	1	Sun. 26	5 ·46	23 ·94	4
31	Wed. 26	1 ·69	10 ·89	29	—30	Tues. 26	4 ·81	17 ·75	2	2	Mon. 27	6 ·51	... ...	5
—32	Thur. 27	2 ·63	11 ·87	—30	1	Wed. 27	5 ·89	18 ·84	3	3	Tues. 28	*Sukla.* 7 ·55	24 ·00	6
1	Fri. 28	3 ·59	12 ·86	1	2	Thur. 28	6 ·97	19 ·95	4	4	Wed. 29	8 ·56	25 ·05	7
2	Sat. 29	4 ·57	13 ·88	2	3	Fri. 29	*Sukla.* :: ...	... ...	5	5	Thur. 30	9 ·55	26 ·08	8
3	Sun. 30	5 ·58	14 ·92	3	4	Sat. 30	7 ·06	20 ·05	6					
4	Mon. 31	6 ·60	15 ·97	4										
	Aug.					**Oct.**					**Dec.**			
5	Tues. 1	*Sukla.* 7 ·65	... ...	5	5	Sun. 1	8 ·15	21 ·15	7	6	Fri. 1	10 ·53	27 ·08	9
6	Wed. 2	8 ·71	16 ·04	6	6	Mon. 2	9 ·22	22 ·25	8	7	Sat. 2	11 ·48	1 ·07	10
7	Thur. 3	9 ·78	17 ·13	7	7	Tues. 3	10 ·27	23 ·33	9	8	Sun. 3	12 ·41	2 ·04	11
8	Fri. 4	10 ·87	18 ·23	8	8	Wed. 4	11 ·29	24 ·38	10				3 ·99	
9	Sat. 5	11 ·95	19 ·35	9	9	Thur. 5	12 ·31	25 ·42	11	9	Mon. 4	*Bahula.* 13 ·33	4 ·94	12
10	Sun. 6	:: ...	20 ·46	10	10	Fri. 6	13 ·29	26 ·43	12	10	Tues. 5	14 ·25	5 ·88	13
11	Mon. 7	12 ·03	21 ·55	11	11	Sat. 7	14 ·27	27 ·43	13	11	Wed. 6	P ·16	6 ·81	14
12	Tues. 8	13 ·10	22 ·64	12	12	Sun. 8	P ·22	1 ·41	14	12	Thur. 7	1 ·06	7 ·74	15
13	Wed. 9	14 ·15	23 ·70	13	13	Mon. 9	1 ·16	2 ·38	15			2 ·96		
14	Thur. 10	P ·17	24 ·76	14	14	Tues. 10	2 ·08	3 ·32	16	13	Fri. 8	3 ·87	8 ·67	16
15	Fri. 11	1 ·19	25 ·78	15			3 ·99			14	Sat. 9	4 ·78	9 ·61	17
16	Sat. 12	2 ·17	26 ·79	16	15	Wed. 11	4 ·89	4 ·26	17	15	Sun. 10	5 ·70	10 ·56	18
17	Sun. 13	3 ·14	27 ·77	17	16	Thur. 12	5 ·79	5 ·19	18	16	Mon. 11	6 ·63	11 ·52	19
18	Mon. 14	4 ·09	1 ·74	18	17	Fri. 13	6 ·69	6 ·13	19	17	Tues. 12	7 ·58	12 ·49	20
								7 ·06		18	Wed. 13	8 ·56	13 ·48	21
19	Tues. 15	5 ·03	2 ·70	19	18	Sat. 14	7 ·60	8 ·99	20	19	Thur. 14	9 ·54	14 ·50	22
		6 ·95					*Bahula.*			20	Fri. 15	*Bahula.* 10 ·56	15 ·53	23
20	Wed. 16	7 ·85	3 ·65	20	19	Sun. 15	8 ·51	9 ·93	21	21	Sat. 16	11 ·59	16 ·58	24
21	Thur. 17	8 ·75	4 ·58	21	20	Mon. 16	9 ·43	10 ·88	22	22	Sun. 17	12 ·64	17 ·65	25
22	Fri. 18	9 ·65	5 ·51	22	21	Tues. 17	10 ·36	11 ·86	23	23	Mon. 18	13 ·70	18 ·74	26
23	Sat. 19	10 ·55	6 ·44	23	22	Wed. 18	11 ·31	12 ·84	24	24	Tues. 19	14 ·78	19 ·84	27
24	Sun. 20	11 ·45	7 ·38	24	23	Thur. 19	12 ·28	13 ·84	25	25	Wed. 20	—A ·88	20 ·96	28
25	Mon. 21	12 ·36	8 ·32	25	24	Fri. 20	13 ·27	14 ·86	26	26	Thur. 21	1 ·97	:: ...	—29
26	Tues. 22	13 ·28	9 ·26	26	25	Sat. 21	14 ·27	15 ·90	27	27	Fri. 22	... ...	21 ·06	1
27	Wed. 23	14 ·21	10 ·22	27	26	Sun. 22	—A ·31	16 ·98	28	28	Sat. 23	2 ·05	22 ·16	2
28	Thur. 24	—A ·16	11 ·19	28	27	Mon. 23	1 ·36	... ...	—29	29	Sun. 24	3 ·11	23 ·25	3
29	Fri. 25	1 ·12	12 ·18	—29	28	Tues. 24	2 ·43	17 ·05	1	30	Mon. 25	4 ·16	24 ·31	4
30	Sat. 26	2 ·11	13 ·20	1	29	Wed. 25	*Sukla.* 3 ·50	18 ·14	2	1	Tues. 26	5 ·19	25 ·37	5
—31	Sun. 27	3 ·11	14 ·23	2	—30	Thur. 26	4 ·58	19 ·24	3	2	Wed. 27	6 ·21	26 ·40	6
1	Mon. 28	*Sukla.* 4 ·13	15 ·28	3	1	Fri. 27	5 ·67	20 ·35	4	3	Thur. 28	7 ·20	27 ·41	7
2	Tues. 29	5 ·18	16 ·35	4	2	Sat. 28	6 ·75	21 ·46	5	4	Fri. 29	8 ·17	1 ·40	8
3	Wed. 30	6 ·24	17 ·43	5	3	Sun. 29	7 ·83	22 ·56	6	5	Sat. 30	9 ·12	2 ·37	9
4	Thur. 31	7 ·32	18 ·52	6	4	Mon. 30	8 ·88	23 ·64	7	6		*Pausha.* *Sukla.* 10 ·06		*H.* 545 *Ramadn.*
					5	Tues. 31	*Kārt.* 9 ·91	24 ·69	8	7	Sun. 31	11 ·98	3 ·33	10

Pramoda. **Karkataka—Ādi.** *Pramoda.* **Nija Āshādha.** *H.* 545 *Rabi-ul awwal.* *Pramoda.* **Kanyā—Purattāsi.** *H.* 545 *Jamādu'l awwal.* *Pramoda.* **Vṛiśchika—Kārttigai.**

Pramoda. **Śiṁha—Āvani.** *Pramoda.* **Śrāvana.** *H.* 545 *Rabi-ul ākhir.* *Pramoda.* **Tulā—Aippasi.** *H.* 545 *Jamādu'l ākhir.* *Pramoda.* **Dhanus—Mārgali.**

Pramoda. **Makara—Tai.** *H.* 545 *Rajab.* *H.* 545 *Śha'bān.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1151. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·81.** **Śaka 1073.** **Kaliyuga 4252.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·76.** **(S. Cycle) Prajāpati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Mon. 1	12 ·89	4 ·28	11	8	Thur. 1	12 ·73	9 ·62	11	7	Tues. 1	14 ·45	15 ·12	12
9	Tues. 2	13 ·80	5 ·21	12	9	Fri. 2	13 ·64	10 ·56	12	8	Wed. 2	P ·46	16 ·15	13
10	Wed. 3	14 ·70	6 ·14	13	10	Sat. 3	14 ·56	11 ·51	13	9	Thur. 3	1 ·48	17 ·19	14
11	Thur. 4	P ·60	7 ·07	14	11	Sun. ○ 4	P ·49	12 ·48	14	10	Fri. 4	2 ·53	18 ·26	15
12	Fri. 5	1 ·51	8 ·00 / 9 ·95	15	12	Mon. 5	1 ·44	13 ·46	15	11	Sat. 5	3 ·59	19 ·35	16
13	Sat. 6	2 ·42	10 ·89	16	13	Tues. 6	2 ·40	14 ·46	16	12	Sun. 6	4 ·67	20 ·45	17
14	Sun. 7	3 ·24	11 ·85	17	14	Wed. 7	3 ·39	15 ·47	17	13	Mon. 7	5 ·75	21 ·56	18
15	Mon. 8	4 ·27	12 ·82	18	15	Thur. 8	4 ·39	16 ·51	18	14	Tues. 8	6 ·83	22 ·67	19
16	Tues. 9	5 ·28	13 ·81	19	16	Fri. 9	5 ·43	17 ·58	19	15	Wed. 9	7 ·91	23 ·77	20
17	Wed. 10	6 ·21	14 ·82	20	17	Sat. 10	6 ·48	18 ·66	20	16	Thur. 10	8 ·98	24 ·86	21
18	Thur. 11	7 ·19	15 ·84	21	18	Sun. 11	7 ·54	19 ·75	21	17	Fri. 11	... ...	25 ·93	22
19	Fri. 12	8 ·19	16 ·89	22	19	Mon. 12	8 ·62	20 ·85	22	18	Sat. 12	9 ·02	26 ·99	23
20	Sat. 13	9 ·22	17 ·96	23	20	Tues. 13	9 ·70	21 ·96	23	19	Sun. 13	10 ·05	... ...	24
21	Sun. 14	10 ·28	... ...	24	21	Wed. 14	10 ·79	... ...	24	20	Mon. 14	11 ·05	27 ·02	25
22	Mon. 15	11 ·34	18 ·04	25	22	Thur. 15	11 ·87	22 ·07	25	21	Tues. 15	12 ·03	1 ·03	26
23	Tues. 16	12 ·42	19 ·15	26	23	Fri. 16	12 ·93	23 ·17	26	22	Wed. 16	13 ·00 / 14 ·95	2 ·02 / 3 ·99	27
24	Wed. 17	13 ·51	20 ·25	27	24	Sat. 17	13 ·98	24 ·25	27	22	Thur. 17	—A ·88	4 ·96	28
25	Thur. 18	14 ·60	21 ·36	28	25	Sun. 18	... ...	25 ·31	28	24	Fri. 18	1 ·79	5 ·91	29
26	Fri. 19	—A ·68	22 ·46	29	26	Mon. 19	14 ·02	26 ·35	29	25	Sat. 19	2 ·70	6 ·85	—30
27	Sat. 20	1 ·74	23 ·55	—30	27	Tues. 20	—A ·03	27 ·37	—30	26	Sun. 20	3 ·60	7 ·78	1
28	Sun. 21	2 ·79	24 ·63	1	28	Wed. 21	1 ·00 / 2 ·96	1 ·38	1	27	Mon. 21	4 ·50	8 ·71	2
29	Mon. 22	3 ·82	25 ·69	2	29	Thur. 22	3 ·91	2 ·37	2	28	Tues. 22	5 ·39	9 ·65	3
—30	Tues. 23	4 ·85	26 ·72	3	30	Fri. 23	4 ·85	3 ·33	3	29	Wed. 23	6 ·29	10 ·58	4
1	Wed. 24	5 ·83	27 ·73	4	—31	Sat. 24	5 ·77	4 ·28	4	30	Thur. 24	7 ·20	11 ·52	5
2	Thur. 25	6 ·80	1 ·72	5	1	Sun. 25	6 ·68	5 ·23	5	—31	Fri. 25	8 ·11	12 ·48	6
3	Fri. 26	7 ·75	2 ·71	6	2	Mon. 26	7 ·58	6 ·17	6	1	Sat. 26	9 ·04 / 10 ·99	13 ·44	7
4	Sat. 27	8 ·69	3 ·67	7	3	Tues. 27	8 ·48	7 ·10	7	2	Sun. 27	11 ·95	14 ·44	8
5	Sun. 28	9 ·61	4 ·61	8	4	Wed. 28	9 ·38	8 ·03 / 9 ·96	8	3	Mon. 28	12 ·93	15 ·44	9
6	Mon. 29	10 ·52	5 ·55	9	5	Thur. 29	10 ·28	10 ·90	9	4	Tues. 29	13 ·94	16 ·46	10
7	Tues. 30	11 ·43	6 ·48	10	6	Fri. 30	11 ·19	11 ·85	10	5	Wed. 30	14 ·97	17 ·50	11
8	Wed. 31	12 ·33	7 ·42	11	7	Sat. 31	12 ·11	12 ·81	11	6	Thur. 31	... ...	18 ·57	12
	Feb.					**April.**					**June.**			
9	Thur. 1	13 ·23	8 ·35	12	8	Sun. 1	13 ·04 / 14 ·99	13 ·79	12	7	Fri. 1	P ·01	19 ·65	13
10	Fri. 2	14 ·13	9 ·29	13	9	Mon. 2	P ·96	14 ·78	13	8	Sat. 2	1 ·07	20 ·76	14
11	Sat. 3	P ·04 / 1 ·96	10 ·23	14	10	Tues. 3	1 ·93	15 ·79	14	9	Sun. 3	2 ·15	21 ·86	15
12	Sun. 4	2 ·89	11 ·18	15	11	Wed. 4	2 ·93	16 ·83	15	10	Mon. 4	3 ·23	22 ·97	16
13	Mon. 5	3 ·85	12 ·16	16	12	Thur. 5	3 ·96	17 ·89	16	11	Tues. 5	4 ·31	... ...	17
14	Tues. 6	32	13 ·14	17	13	Fri. 6	... ...	18 ·96	17	12	Wed. 6	5 ·39	23 ·07	18
15	Wed. 7	5 ·80	14 ·14	18	14	Sat. 7	4 ·01	... ...	18	13	Thur. 7	6 ·45	24 ·16	19
16	Thur. 8	6 ·81	15 ·16	19	15	Sun. 8	5 ·08	19 ·05	19	14	Fri. 8	7 ·50	25 ·24	20
17	Fri. 9	7 ·84	16 ·20	20	16	Mon. 9	6 ·16	20 ·15	20	15	Sat. 9	8 ·53	26 ·30	21
18	Sat. 10	8 ·89	17 ·26	21	17	Tues. 10	7 ·25	21 ·26	21	16	Sun. 10	9 ·53	27 ·34	22
19	Sun. 11	9 ·95	18 ·35	22	18	Wed. 11	8 ·33	22 ·37	22	17	Mon. 11	10 ·51	1 ·35	23
20	Mon. 12	... ...	19 ·45	23	19	Thur. 12	9 ·40	23 ·47	23	18	Tues. 12	11 ·47	2 ·35	24
21	Tues. 13	10 ·03	20 ·55	24	20	Fri. 13	10 ·46	24 ·55	24	19	Wed. 13	12 ·42	3 ·33	25
22	Wed. 14	11 ·12	21 ·66	25	21	Sat. 14	11 ·51	25 ·62	25	20	Thur. 14	13 ·35	4 ·29	26
23	Thur. 15	12 ·21	22 ·76	26	22	Sun. 15	12 ·55	26 ·66	26	21	Fri. 15	14 ·27	5 ·24	27
24	Fri. 16	13 ·29	23 ·86	27	23	Mon. 16	13 ·55	27 ·70	27	22	Sat. 16	—A ·18	6 ·18	28
25	Sat. 17	14 ·36	24 ·94	28	24	Tues. 17	14 ·54	1 ·71	28	23	Sun. 17	1 ·08 / 2 ·98	7 ·11	—29
26	Sun. ● 18	—A ·41	... ...	—29	25	Wed. 18	—A ·50	2 ·69	29				8 ·06 / 9 ·98	
27	Mon. 19	1 ·43	25 ·00	1	26	Thur. 19	1 ·45	3 ·66	—30	24	Mon. 18	3 ·88		1
28	Tues. 20	2 ·45	26 ·04	2	27	Fri. 20	2 ·38	4 ·62	1	25	Tues. 19	4 ·77	10 ·92	2
29	Wed. 21	3 ·43	27 ·05	3	28	Sat. 21	3 ·30	5 ·57	2	26	Wed. 20	5 ·67	11 ·86	3
1	Thur. 22	4 ·40	1 ·06	4	29	Sun. 22	4 ·21	6 ·51	3	27	Thur. 21	6 ·59	12 ·81	4
2	Fri. 23	5 ·35	2 ·04	5	30	Mon. 23	5 ·11	7 ·44	4	28	Fri. 22	7 ·52	13 ·77	5
3	Sat. 24	6 ·29	3 ·00 / 4 ·95	6	—31	Tues. 24	6 ·01 / 7 ·91	8 ·37	5	29	Sat. 23	8 ·47	14 ·76	6
4	Sun. 25	7 ·21	5 ·89	7	1	Wed. 25	8 ·81	9 ·30	6	30	Sun. 24	9 ·43	15 ·76	7
5	Mon. 26	8 ·12	6 ·83	8	2	Thur. 26	9 ·71	10 ·24	7	31	Mon. 25	10 ·42	16 ·78	8
6	Tues. 27	9 ·03 / 10 ·93	7 ·76	9	3	Fri. 27	10 ·62	11 ·19	8	—32	Tues. 26	11 ·42	17 ·81	9
7	Wed. 28	11 ·83	8 ·69	10	4	Sat. 28	11 ·55	12 ·14	9	1	Wed. 27	12 ·44	18 ·87	10
					5	Sun. 29	12 ·50	13 ·11	10	2	Thur. 28	13 ·49	19 ·96	11
					6	Mon. 30	13 ·47	14 ·10	11	3	Fri. 29	14 ·55	... ...	12
										4	Sat. 30	P ·63	20 ·05	13

Pramoda. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *H. 545 Ramazān.* *Pramoda.* **Kumbha—Māśi.** *Bahula.* *Sukla.* **Phālguna.** *H. 545 Shawwāl.* *Pramoda.* **Mīna—Paṅguni.** *Bahula.* *Sukla.* **Chaitra.** *H. 545 Zi-l-ka'da.* *Prajāpati.* **Mēsha—Chittirai.** *Bahula.* *Sukla.* **Vaiśākha.** *H. 545 Zi-l-ḥijja.* *Prajāpati.* **Vṛishabha—Vaigāśi.** *Bahula.* *Sukla.* **Jyeshtha.** *H. 546 Muharram.* *Prajāpati.* **Mithuna—Āni.** *Bahula.* *Sukla.* **Āshādha.** *H. 546 Muharram.* *H. 546 Śafar.* *H. 546 Rabī-ul awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1151. **Kollam 327,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 546.** Commences **April 20.** **Vikrama 1208.** **Bengal San. 557.** **(N. Cycle) Bhāva.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Prajāpati. **Karkataka—Ādi.**	**July.**	*Śukla.* **Āsh.**	*Bahula.*	*H. 546 Rabī-ul awwal.*	*Prajāpati.* **Kanyā—Purattāśi.**	**Sep.**	*Bahula.*	*Śukla.*	*H. 546 Jamāda'l awwal.*	*Prajāpati.* **Vriśchika—Kārttigai.**	**Nov.**	*Bahula.*	*Śukla.*	*H. 546 Rajab.*
5	Sun. 1	1 ·72	21 ·16	14	5	Sat. 1	3 ·04	1 ·34	17	5	Thur. 1	6 ·79	8 ·75	19
6	Mon. 2	2 ·80	22 ·26	15	6	Sun. 2	4 ·02	2 ·33	18	6	Fri. 2	7 ·69	9 ·69	20
7	Tues. 3	3 ·87	23 ·37	16			5 ·98			7	Sat. 3	8 ·59	10 ·62	21
8	Wed. 4	4 ·93	24 ·47	17	7	Mon. 3	6 ·93	3 ·32	19	8	Sun. 4	9 ·49	11 ·55	22
9	Thur. 5	5 ·98	25 ·55	18	8	Tues. 4	7 ·87	4 ·29	20	9	Mon. 5	10 ·41	12 ·49	23
10	Fri. 6	... ...	26 ·61	19	9	Wed. 5	8 ·79	5 ·25	21	10	Tues. 6	11 ·33	13 ·43	24
11	Sat. 7	6 ·01	27 ·65	20	10	Thur. 6	9 ·70	6 ·20	22	11	Wed. 7	12 ·27	14 ·41	25
12	Sun. 8	7 ·01	1 ·67	21	11	Fri. 7	10 ·60	7 ·14	23	12	Thur. 8	13 ·22	15 ·38	26
		8 ·99			12	Sat. 8	11 ·50	8 ·07	24	13	Fri. 9	14 ·19	16 ·38	27
13	Mon. 9	9 ·96	2 ·68	22				9 ·00		14	Sat. 10	—**A** ·18	17 ·39	28
14	Tues. 10	10 ·91	3 ·66	23	13	Sun. 9	12 ·40	10 ·93	25	15	Sun. 11	1 ·19	18 ·43	29
15	Wed. 11	11 ·84	4 ·63	24	14	Mon. 10	13 ·30	11 ·87	26	16	Mon. 12	2 ·22	19 ·48	—30
16	Thur. 12	12 ·75	5 ·58	25	15	Tues. 11	14 ·21	12 ·82	27	17	Tues. 13	3 ·27	20 ·57	1
17	Fri. 13	13 ·66	6 ·52	26	16	Wed. 12	—**A** ·13	13 ·77	28	18	Wed. 14	4 ·34	21 ·66	2
18	Sat. 14	14 ·56	7 ·46	27	17	Thur. 13	1 ·06	14 ·74	29	19	Thur. 15	5 ·42	22 ·76	3
19	Sun. 15	—**A** ·46	8 ·39	28			2 ·01			20	Fri. 16	6 ·50	23 ·86	4
20	Mon. 16	1 ·36	9 ·32	29	18	Fri. 14	3 ·98	15 ·72	—30	21	Sat. 17	7 ·60	24 ·97	5
21	Tues. 17	2 ·25	10 ·25	—30	19	Sat. 15	4 ·96	16 ·74	1	22	Sun. 18	8 ·68	... ...	6
22	Wed. 18	3 ·15	11 ·19	1	20	Sun. 16	5 ·97	17 ·76	2	23	Mon. 19	9 ·75	25 ·08	7
23	Thur. 19	4 ·07	12 ·14	2	21	Mon. 17	... ...	18 ·81	3	24	Tues. 20	10 ·80	26 ·16	8
		5 ·01			22	Tues. 18	6 ·00	19 ·87	4	25	Wed. 21	11 ·83	27 ·23	9
24	Fri. 20	6 ·96	13 ·11	3	23	Wed. 19	7 ·05	20 ·96	5	26	Thur. 22	12 ·84	1 ·27	10
25	Sat. 21	7 ·92	14 ·09	4	24	Thur. 20	8 ·12	... ...	6	27	Fri. 23	13 ·82	2 ·29	11
26	Sun. 22	8 ·90	15 ·08	5	25	Fri. 21	9 ·20	21 ·06	7	28	Sat. 24	14 ·80	3 ·30	12
27	Mon. 23	9 ·90	16 ·09	6	26	Sat. 22	10 ·29	22 ·17	8	—29	Sun. 25	**P** ·75	4 ·29	13
28	Tues. 24	10 ·94	17 ·13	7	27	Sun. 23	11 ·38	23 ·27	9	1	Mon. 26	1 ·68	5 ·26	14
29	Wed. 25	11 ·99	18 ·19	8	28	Mon. 24	12 ·46	24 ·37	10	2	Tues. 27	2 ·61	6 ·20	15
30	Thur. 26	... ...	19 ·26	9	29	Tues. 25	13 ·52	25 ·46	11	3	Wed. 28	3 ·52	7 ·15	16
—31	Fri. 27	12 ·05	20 ·35	10	30	Wed. 26	14 ·57	26 ·54	12	4	Thur. 29	4 ·43	8 ·10	17
1	Sat. 28	13 ·12	21 ·45	11	—31	Thur. 27	**P** ·60	27 ·60	13				9 ·02	
2	Sun. 29	14 ·20	22 ·56	12	1	Fri. 28	1 ·60	1 ·64	14	5	Fri. 30	5 ·33	10 ·96	18
3	Mon. 30	**P** ·29	23 ·68	13	2	Sat. 29	2 ·59	2 ·65	15					
4	Tues. 31	1 ·37	24 ·77	14	3	Sun. 30	3 ·56	3 ·65	16					
		Śrāvana.					*Āśvina.*		*H. 546 Jamāda'l ākhir.*					
	Aug.					**Oct.**					**Dec.**			
5	Wed. 1	2 ·43	25 ·86	15	4	Mon. 1	4 ·51	4 ·62	17	6	Sat. 1	6 ·23	11 ·89	19
6	Thur. 2	3 ·48	26 ·92	16	5	Tues. 2	5 ·44	5 ·59	18	7	Sun. 2	7 ·13	12 ·82	20
7	Fri. 3	4 ·51	27 ·97	17	6	Wed. 3	6 ·36	6 ·54	19			8 ·05		
8	Sat. 4	5 ·51	... ...	18	7	Thur. 4	7 ·27	7 ·48	20	8	Mon. 3	9 ·97	13 ·77	21
9	Sun. 5	6 ·49	1 ·00	19	8	Fri. 5	8 ·18	8 ·41	21	9	Tues. 4	10 ·90	14 ·74	22
			2 ·01				9 ·08			10	Wed. 5	11 ·86	15 ·70	23
10	Mon. 6	7 ·45	3 ·99	20	9	Sat. 6	10 ·98	9 ·34	22	11	Thur. 6	12 ·83	16 ·70	24
11	Tues. 7	8 ·40	4 ·96	21	10	Sun. 7	11 ·88	10 ·28	23	12	Fri. 7	13 ·82	17 ·71	25
12	Wed. 8	9 ·33	5 ·91	22	11	Mon. 8	12 ·79	11 ·21	24	13	Sat. 8	14 ·83	18 ·74	26
13	Thur. 9	10 ·25	6 ·86	23	12	Tues. 9	13 ·71	12 ·15	25	14	Sun. 9	—**A** ·87	19 ·80	27
14	Fri. 10	11 ·16	7 ·80	24	13	Wed. 10	14 ·65	13 ·10	26	15	Mon. 10	1 ·92	20 ·87	28
		12 ·06			14	Thur. 11	—**A** ·60	14 ·07	27	16	Tues. 11	2 ·99	21 ·96	—29
15	Sat. 11	13 ·95	8 ·73	25	15	Fri. 12	1 ·57	15 ·06	28	17	Wed. 12	... ...	... ...	1
16	Sun. 12	14 ·85	9 ·66	26	16	Sat. 13	2 ·55	16 ·06	—29	18	Thur. 13	3 ·07	22 ·06	2
17	Mon. 13	—**A** ·75	10 ·59	27	17	Sun. 14	3 ·56	17 ·08	1	19	Fri. 14	4 ·16	23 ·17	3
18	Tues. 14	1 ·66	11 ·53	28	18	Mon. 15	4 ·59	18 ·12	2	20	Sat. 15	5 ·25	24 ·28	4
19	Wed. 15	2 ·58	12 ·48	—29	19	Tues. 16	5 ·65	19 ·18	3	21	Sun. 16	6 ·33	25 ·38	5
20	Thur. 16	3 ·52	13 ·44	1	20	Wed. 17	6 ·72	20 ·26	4	22	Mon. 17	7 ·40	26 ·47	6
21	Fri. 17	4 ·47	14 ·41	2	21	Thur. 18	7 ·80	21 ·36	5	23	Tues. 18	8 ·44	27 ·53	7
22	Sat. 18	5 ·44	15 ·40	3	22	Fri. 19	8 ·88	22 ·46	6	24	Wed. 19	9 ·47	1 ·58	8
23	Sun. 19	6 ·41	16 ·41	4	23	Sat. 20	9 ·97	23 ·57	7	25	Thur. 20	10 ·49	2 ·62	9
24	Mon. 20	7 ·41	17 ·45	5	24	Sun. 21	... ...	24 ·67	8	26	Fri. 21	11 ·47	3 ·63	10
25	Tues. 21	8 ·45	18 ·50	6	25	Mon. 22	10 ·05	25 ·77	9	27	Sat. 22	12 ·44	4 ·62	11
26	Wed. 22	9 ·50	19 ·57	7	26	Tues. 23	11 ·12	26 ·86	10	28	Sun. 23	13 ·40	5 ·59	12
27	Thur. 23	10 ·57	20 ·65	8	27	Wed. 24	12 ·17	27 ·92	11	—29	Mon. 24	14 ·34	6 ·54	13
28	Fri. 24	11 ·65	21 ·75	9	28	Thur. 25	13 ·20	1 ·95	12	1	Tues. 25	**P** ·26	7 ·50	14
29	Sat. 25	12 ·73	22 ·87	10	29	Fri. 26	14 ·21	2 ·97	13	2	Wed. 26	1 ·17	8 ·43	15
30	Sun. 26	13 ·81	23 ·97	11	—30	Sat. 27	**P** ·19	3 ·97	14			2 ·07		
—31	Mon. 27	14 ·89	... ...	12	1	Sun. 28	1 ·16	4 ·96	15	3	Thur. 27	3 ·97	9 ·36	16
1	Tues. ○ 28	**P** ·96	24 ·07	13	2	Mon. 29	2 ·11	5 ·92	16	4	Fri. 28	4 ·87	10 ·29	17
2	Wed. 29	... ...	25 ·16	14	3	Tues. 30	3 ·05	6 ·87	17	5	Sat. 29	5 ·78	11 ·22	18
3	Thur. 30	1 ·01	26 ·23	15			4 ·97			6	Sun. 30	6 ·70	12 ·16	19
4	Fri. 31	2 ·04	27 ·28	16	4	Wed. 31	5 ·88	7 ·81	18	7	Mon. 31	7 ·62	13 ·12	20
		Bhādrapada.					*Kārttika.*							

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1152. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·07.** **Śaka 1074.** **Kaliyuga 4253.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·02.** **(3. Cycle) Aṅgiras.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Tues. 1	8 ·55	14 ·07	21	8	Sat. 1	9 ·73	20 ·79	22	8	Thur. 1	10 ·17	26 ·99	24
9	Wed. 2	9 ·50	15 ·04	22	9	Sun. 2	10 ·78	21 ·88	23	9	Fri. 2	11 ·24	... ...	25
10	Thur. 3	10 ·47	16 ·02	23	10	Mon. 3	11 ·85	22 ·97	24	10	Sat. 3	12 ·30	27 ·08	26
11	Fri. 4	11 ·46	17 ·03	24	11	Tues. 4	12 ·93	... ...	25	11	Sun. 4	13 ·35	1 ·15	27
12	Sat. 5	12 ·47	18 ·06	25	12	Wed. 5	... ...	23 ·07	26	12	Mon. 5	14 ·37	2 ·20	28
13	Sun. 6	13 ·51	19 ·11	26	13	Thur. 6	13 ·02	24 ·18	27	13	Tues. 6	—**A** ·38	3 ·24	29
14	Mon. 7	14 ·56	20 ·18	27	14	Fri. 7	14 ·10	25 ·28	28	14	Wed. 7	1 ·36	4 ·25	—30
15	Tues. 8	—**A** ·63	21 ·26	28	15	Sat. 8	—**A** ·18	26 ·38	29	15	Thur. 8	2 ·32	5 ·24	1
16	Wed. 9	1 ·71	22 ·36	29	16	Sun. 9	1 ·24	27 ·47	—30	16	Fri. 9	3 ·27	6 ·21	2
17	Thur. 10	2 ·80	23 ·47	—30	17	Mon. 10	2 ·28	1 ·53	1	17	Sat. 10	4 ·20	7 ·17	3
18	Fri. 11	3 ·89	24 ·58	1	18	Tues. 11	3 ·31	2 ·57	2	18	Sun. 11	5 ·11	8 ·13	4
19	Sat. 12	4 ·97	25 ·68	2	19	Wed. 12	4 ·32	3 ·59	3	19	Mon. 12	6 ·01	9 ·07	5
20	Sun. 13	... ...	26 ·77	3	20	Thur. 13	5 ·31	4 ·59	4			7 ·91		
21	Mon. 14	5 ·03	27 ·86	4	21	Fri. 14	6 ·28	5 ·59	5	20	Tues. 13	8 ·81	10 ·00	6
22	Tues. 15	6 ·08	1 ·91	5	22	Sat. 15	7 ·23	6 ·55	6				11 ·92	
23	Wed. 16	7 ·12	2 ·94	6	23	Sun. 16	8 ·16	7 ·50	7	21	Wed. 14	9 ·71	12 ·85	7
24	Thur. 17	8 ·13	3 ·95	7	24	Mon. 17	9 ·08	8 ·45	8	22	Thur. 15	10 ·61	13 ·79	8
25	Fri. 18	9 ·12	4 ·94	8			10 ·99			23	Fri. 16	11 ·52	14 ·74	9
26	Sat. 19	10 ·08	5 ·92	9	25	Tues. 18	11 ·89	9 ·38	9	24	Sat. 17	12 ·44	15 ·69	10
27	Sun. 20	11 ·03	6 ·88	10	26	Wed. 19	12 ·79	10 ·32	10	25	Sun. 18	13 ·37	16 ·66	11
		12 ·97			27	Thur. 20	13 ·69	11 ·25	11	26	Mon. 19	14 ·32	17 ·64	12
28	Mon. 21	13 ·89	7 ·83	11	28	Fri. 21	14 ·59	12 ·18	12	27	Tues. 20	**P** ·28	18 ·66	13
29	Tues. 22	14 ·80	8 ·77	12	29	Sat. 22	**P** ·49	13 ·12	13	28	Wed. 21	1 ·26	19 ·68	14
—30	Wed 23	**P** ·70	9 ·70	13	—30	Sun. 23	1 ·41	14 ·06	14	29	Thur. 22	2 ·27	20 ·72	15
1	Thur. 24	1 ·60	10 ·63	14	1	Mon. 24	2 ·34	15 ·03	15	30	Fri. 23	3 ·30	21 ·79	16
2	Fri. 25	2 ·50	11 ·56	15	2	Tues. 25	3 ·29	16 ·01	16	—31	Sat. 24	4 ·35	22 ·87	17
3	Sat. 26	3 ·41	12 ·50	16	3	Wed. 26	4 ·26	17 ·00	17	1	Sun. 25	5 ·41	23 ·97	18
4	Sun. 27	4 ·32	13 ·45	17	4	Thur. 27	5 ·24	18 ·01	18	2	Mon. 26	6 ·49	... ...	19
5	Mon. 28	5 ·24	14 ·40	18	5	Fri. 28	6 ·26	19 ·04	19	3	Tues. 27	7 ·57	24 ·08	20
6	Tues. 29	6 ·18	15 ·36	19	6	Sat. 29	7 ·29	20 ·10	20	4	Wed. 28	8 ·65	25 ·19	21
7	Wed. 30	7 ·13	16 ·35	20	7	Sun. 30	8 ·34	21 ·18	21	5	Thur. 29	9 ·72	26 ·29	22
8	Thur. 31	8 ·11	17 ·36	21	8	Mon. 31	9 ·40	22 ·27	22	6	Fri. 30	10 ·78	27 ·38	23
										7	Sat. 31	11 ·83	1 ·46	24
	Feb.					**April.**					**June.**			
9	Fri. 1	9 ·09	18 ·38	22	9	Tues. 1	10 ·48	23 ·37	23	8	Sun. 1	12 ·86	2 ·52	25
10	Sat. 2	10 ·11	19 ·42	23	10	Wed. 2	11 ·57	24 ·48	24	9	Mon. 2	13 ·86	3 ·56	26
11	Sun. 3	11 ·14	20 ·48	24	11	Thur. 3	12 ·65	25 ·58	25	10	Tues. 3	14 ·84	4 ·57	27
12	Mon. 4	12 ·20	21 ·56	25	12	Fri. 4	13 ·72	26 ·69	26	11	Wed. 4	—**A** ·80	5 ·57	28
13	Tues. 5	13 ·27	22 ·66	26	13	Sat. 5	14 ·78	27 ·77	27	12	Thur. 5	1 ·74	6 ·54	—29
14	Wed. 6	14 ·34	23 ·77	27	14	Sun. 6	—**A** ·83	1 ·84	28	13	Fri. 6	2 ·67	7 ·50	1
15	Thur.●7	—**A** ·42	24 ·88	28	15	Mon. 7	1 ·86	2 ·89	—29	14	Sat. 7	3 ·59	8 ·47	2
16	Fri. 8	1 ·51	25 ·98	—29	16	Tues. 8	2 ·87	3 ·91	1	15	Sun. 8	4 ·49	9 ·40	3
17	Sat. 9	2 ·59	... ...	1	17	Wed. 9	3 ·85	4 ·93	2	16	Mon. 9	5 ·39	10 ·33	4
18	Sun. 10	3 ·65	26 ·07	2	18	Thur. 10	4 ·82	5 ·91	3	17	Tues. 10	6 ·29	11 ·26	5
19	Mon. 11	4 ·70	27 ·15	3	19	Fri. 11	5 ·76	6 ·88	4	18	Wed. 11	7 ·19	12 ·19	6
20	Tues. 12	5 ·74	1 ·22	4	20	Sat. 12	6 ·69	7 ·84	5	19	Thur. 12	8 ·09	13 ·14	7
21	Wed. 13	6 ·74	2 ·26	5	21	Sun. 13	7 ·61	8 ·78	6			9 ·99		
22	Thur. 14	7 ·73	3 ·27	6	22	Mon. 14	8 ·51	9 ·72	7	20	Fri. 13	10 ·91	14 ·08	8
23	Fri. 15	8 ·70	4 ·27	7	23	Tues. 15	9 ·41	10 ·66	8	21	Sat. 14	11 ·85	15 ·03	9
24	Sat. 16	9 ·65	5 ·25	8	24	Wed. 16	10 ·31	11 ·59	9				16 ·99	
25	Sun. 17	10 ·58	6 ·22	9	25	Thur. 17	11 ·21	12 ·52	10	22	Sun. 15	12 ·79	17 ·97	10
26	Mon. 18	11 ·50	7 ·17	10	26	Fri. 18	12 ·11	13 ·45	11	23	Mon. 16	13 ·76	18 ·98	11
27	Tues. 19	12 ·41	8 ·11	11			13 ·02			24	Tues. 17	14 ·74	... ...	12
			9 ·04		27	Sat. 19	14 ·94	14 ·41	12	25	Wed. 18	**P** ·74	19 ·00	13
28	Wed. 20	13 ·31	10 ·97	12	28	Sun. 20	**P** ·87	15 ·36	13	26	Thur. 19	1 ·77	20 ·03	14
29	Thur. 21	14 ·21	11 ·91	13	29	Mon. 21	1 ·81	16 ·33	14	27	Fri. 20	2 ·82	21 ·09	15
—30	Fri. 22	**P** ·11	12 ·84	14	30	Tues. 22	2 ·78	17 ·32	15	28	Sat. 21	3 ·88	22 ·17	16
1	Sat. 23	1 ·02	13 ·78	15	—31	Wed. 23	3 ·77	18 ·33	16	29	Sun. 22	4 ·96	23 ·28	17
		2 ·93			1	Thur. 24	4 ·78	19 ·36	17	30	Mon. 23	... ...	24 ·38	18
2	Sun. 24	3 ·85	14 ·73	16	2	Fri. 25	5 ·81	20 ·42	18	31	Tues. 24	5 ·05	25 ·49	19
3	Mon. 25	4 ·78	15 ·69	17	3	Sat. 26	6 ·85	21 ·47	19	—32	Wed. 25	6 ·13	26 ·59	20
4	Tues. 26	5 ·73	16 ·68	18	4	Sun. 27	7 ·91	22 ·57	20	1	Thur. 26	7 ·20	27 ·68	21
5	Wed. 27	6 ·70	17 ·68	19	5	Mon. 28	8 ·99	23 ·67	21	2	Fri. 27	8 ·26	1 ·77	22
6	Thur. 28	7 ·68	18 ·69	20	6	Tues. 29	... ...	24 ·77	22	3	Sat. 28	9 ·31	2 ·83	23
7	Fri. 29	8 ·70	19 ·73	21	7	Wed. 30	9 ·08	25 ·89	23	4	Sun. 29	10 ·33	3 ·87	24
										5	Mon. 30	11 ·33	4 ·89	25

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1152. **Kollam 328,** {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 547.** **Vikrama 1209.**
A—Amāvāsyā. Commences Commences **April 8.** **Bengal San. 558.**
P—Paurnimā. **(N. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Tues.	1	12 ·32	5 ·89	26	6	Mon.	1	1 ·70	12 ·22	29	6	Sat.	1	3 ·48	19 ·60	1
7	Wed.	2	13 ·28	6 ·87	27	7	Tues.	2	2 ·60	13 ·15	—30	7	Sun.	2	4 ·46	20 ·61	2
8	Thur.	3	14 ·22	7 ·85	28	8	Wed.	3	3 ·51	14 ·08	1	8	Mon.	3	5 ·48	21 ·66	3
9	Fri.	4	—A ·15	8 ·80	29	9	Thur.	4	4 ·43	15 ·04 / 16 ·99	2	9	Tues.	4	6 ·52	22 ·70	4
10	Sat.	5	1 ·06 / 2 ·97	9 ·74	—30	10	Fri.	5	5 ·36	17 ·96	3	10	Wed.	5	7 ·57	23 ·78	5
11	Sun.	6	3 ·87	10 ·67	1	11	Sat.	6	6 ·31	18 ·94	4	11	Thur.	6	8 ·64	24 ·88	6
12	Mon.	7	4 ·77	11 ·60	2	12	Sun.	7	7 ·28	19 ·95	5	12	Fri.	7	9 ·72	25 ·98	7
13	Tues.	8	5 ·67	12 ·54	3	13	Mon.	8	8 ·27	20 ·98	6	13	Sat.	8	10 ·81	... ...	8
14	Wed.	9	6 ·57	13 ·47	4	14	Tues.	9	9 ·28	... ...	7	14	Sun.	9	11 ·89	26 ·09	9
15	Thur.	10	7 ·47	14 ·41	5	15	Wed.	10	10 ·30	21 ·03	8	15	Mon.	10	12 ·97	27 ·19	10
16	Fri.	11	8 ·39	15 ·36	6	16	Thur.	11	11 ·35	22 ·09	9	16	Tues.	11	... ...	1 ·29	11
17	Sat.	12	9 ·32	16 ·32	7	17	Fri.	12	12 ·42	23 ·18	10	17	Wed.	12	13 ·04	2 ·38	12
18	Sun.	13	10 ·27	17 ·30	8	18	Sat.	13	13 ·50	24 ·27	11	18	Thur.	13	14 ·09	3 ·45	13
19	Mon.	14	11 ·24	18 ·30	9	19	Sun.	14	14 ·59	25 ·38	12	19	Fri.	14	P ·12	4 ·49	14
20	Tues.	15	12 ·22	19 ·31	10	20	Mon.	15	P ·68	26 ·49	13	20	Sat.	15	1 ·12	5 ·51	15
21	Wed.	16	13 ·24	20 ·35	11	21	Tues.	16	1 ·75	27 ·60	14	21	Sun.	16	2 ·11	6 ·51	16
22	Thur.	17	14 ·26	21 ·40	12	22	Wed.	17	2 ·81	1 ·69	15	22	Mon.	17	3 ·08	7 ·51	17
23	Fri.	18	P ·31	22 ·48	13	23	Thur.	18	3 ·86	2 ·76	16	23	Tues.	18	4 ·03 / 5 ·96	8 ·48	18
24	Sat.	19	1 ·37	23 ·57	14	24	Fri.	19	4 ·89	3 ·81	17	24	Wed.	19	6 ·88	9 ·43	19
25	Sun.	20	2 ·45	24 ·67	15	25	Sat.	20	5 ·90	4 ·86	18	25	Thur.	20	7 ·80	10 ·37	20
26	Mon.	21	3 ·53	25 ·78	16	26	Sun.	21	6 ·89	5 ·87	19	26	Fri.	21	8 ·70	11 ·30	21
27	Tues.	22	4 ·61	26 ·89	17	27	Mon.	22	7 ·86	6 ·86	20	27	Sat.	22	9 ·60	12 ·23	22
28	Wed.	23	5 ·69	27 ·99	18	28	Tues.	23	8 ·80	7 ·84	21	28	Sun.	23	10 ·50	13 ·17	23
29	Thur.	24	6 ·75	... ...	19	29	Wed.	24	9 ·73	8 ·80	22	—29	Mon.	24	11 ·41	14 ·10	24
30	Fri.	25	7 ·80	1 ·08	20	30	Thur.	25	10 ·65	9 ·77	23					15 ·04 / 16 ·99	
—31	Sat.	26	8 ·82	2 ·14	21	—31	Fri.	26	11 ·56	10 ·70	24	1	Tues.	25	12 ·32		25
1	Sun.	27	9 ·82	3 ·19	22	1	Sat.	27	12 ·46	11 ·63	25	2	Wed.	26	13 ·25	17 ·95	26
2	Mon.	28	10 ·81	4 ·21	23	2	Sun.	28	13 ·36	12 ·56	26	3	Thur.	27	14 ·19	18 ·93	27
3	Tues.	29	11 ·77	5 ·22	24	3	Mon.	29	14 ·26	13 ·49	27	4	Fri.	28	—A ·14	19 ·92	28
4	Wed.	30	12 ·72	6 ·21	25	4	Tues.	30	—A ·16	14 ·43	28	5	Sat.	29	1 ·12	20 ·93	—29
5	Thur.	31	13 ·64	7 ·18	26							6	Sun.	30	2 ·10	21 ·96	1
	Aug.						**Oct.**						**Dec.**				
6	Fri.	1	14 ·56	8 ·13	27	5	Wed.	1	1 ·08	15 ·37	—29	7	Mon.	1	3 ·12	... ...	2
7	Sat.	2	—A ·47	9 ·08	28	6	Thur.	2	2 ·00 / 3 ·94	16 ·32	1	8	Tues.	2	4 ·15	22 ·01	3
8	Sun.	3	1 ·37	10 ·01 / 11 ·95	—29	7	Fri.	3	4 ·89	17 ·29	2	9	Wed.	3	5 ·20	23 ·09	4
9	Mon.	4	2 ·27	12 ·88	1	8	Sat.	4	5 ·86	18 ·27	3	10	Thur.	4	6 ·27	24 ·18	5
10	Tues.	5	3 ·17	13 ·81	2	9	Sun.	5	6 ·85	19 ·27	4	11	Fri.	5	7 ·35	25 ·28	6
11	Wed.	6	4 ·07 / 5 ·98	14 ·75	3	10	Mon.	6	7 ·86	20 ·30	5	12	Sat.	6	8 ·45	26 ·38	7
12	Thur.	7	6 ·90	15 ·69	4	11	Tues.	7	8 ·90	21 ·34	6	13	Sun.	7	9 ·54	27 ·49	8
13	Fri.	8	7 ·83	16 ·66	5	12	Wed.	8	9 ·95	22 ·40	7	14	Mon.	8	10 ·62	1 ·60	9
14	Sat.	9	8 ·78	17 ·63	6	13	Thur.	9	... ...	23 ·48	8	15	Tues.	9	11 ·69	2 ·69	10
15	Sun.	10	9 ·74	18 ·62	7	14	Fri.	10	10 ·02	24 ·57	9	16	Wed.	10	12 ·73	3 ·76	11
16	Mon.	11	10 ·72	19 ·63	8	15	Sat.	11	11 ·10	25 ·68	10	17	Thur.	11	13 ·76	4 ·80	12
17	Tues.	12	11 ·74	20 ·66	9	16	Sun.	12	12 ·18	26 ·79	11	18	Fri.	12	14 ·77	5 ·83	13
18	Wed.	13	12 ·77	21 ·72	10	17	Mon.	13	13 ·27	27 ·90	12	19	Sat.	13	P ·76	6 ·84	14
19	Thur.	14	13 ·82	22 ·79	11	18	Tues.	14	14 ·35	1 ·99	13	20	Sun.	14	1 ·72	7 ·84	15
20	Fri.	15	14 ·88	23 ·87	12	19	Wed.	15	P ·42	... ...	14	21	Mon.	15	2 ·67	8 ·81	16
21	Sat.	16	P ·96	24 ·97	13	20	Thur.	16	1 ·47	2 ·07	15	22	Tues.	16	3 ·61	9 ·76	17
22	Sun.	17	... ...	... ...	14	21	Fri.	17	2 ·50	3 ·14	16	23	Wed.	17	4 ·53	10 ·71	18
23	Mon.	18	1 ·05	25 ·08	15	22	Sat.	18	3 ·50	4 ·17	17	24	Thur.	18	5 ·44	11 ·64	19
24	Tues.	19	2 ·13	26 ·19	16	23	Sun.	19	4 ·48	5 ·19	18	25	Fri.	19	6 ·35	12 ·58	20
25	Wed.	20	3 ·20	27 ·30	17	24	Mon.	20	5 ·45	6 ·19	19	26	Sat.	20	7 ·25	13 ·52	21
26	Thur.	21	4 ·26	1 ·38	18	25	Tues.	21	6 ·40	7 ·17	20	27	Sun.	21	8 ·15	14 ·44	22
27	Fri.	22	5 ·31	2 ·45	19	26	Wed.	22	7 ·34	8 ·13	21	28	Mon.	22	9 ·06 / 10 ·97	15 ·38	23
28	Sat.	23	6 ·34	3 ·50	20	27	Thur.	23	8 ·26	9 ·09	22	29	Tues.	23	11 ·90	16 ·32	24
29	Sun.	24	7 ·35	4 ·53	21	28	Fri.	24	9 ·17	10 ·03 / 11 ·97	23	—30	Wed.	24	12 ·84	17 ·29	25
30	Mon.	25	8 ·33	5 ·55	22	29	Sat.	25	10 ·07 / 11 ·97	12 ·90	24	1	Thur.	25	13 ·79	18 ·26	26
—31	Tues.	26	9 ·29	6 ·54	23							2	Fri.	26	14 ·76	19 ·24	27
1	Wed.	27	10 ·24	7 ·51	24	—30	Sun.	26	12 ·87	13 ·82	25	3	Sat.	27	—A ·74	20 ·25	28
2	Thur.	28	11 ·17	8 ·47	25	1	Mon.	27	13 ·77	14 ·77	26	4	Sun.	28	1 ·77	21 ·27	29
3	Fri.	29	12 ·09	9 ·41	26	2	Tues.	28	14 ·69	15 ·71	27	5	Mon.	29	2 ·80	22 ·34	—30
4	Sat.	30	13 ·00 / 14 ·90	10 ·36	27	3	Wed.	29	—A ·62	16 ·65	28	6	Tues.	30	3 ·85	23 ·40	1
5	Sun.	31	—A ·80	11 ·29	28	4	Thur.	30	1 ·56	17 ·62	29	7	Wed.	31	4 ·93	24 ·48	2
						5	Fri.	31	2 ·51	18 ·59	—30						

Āśvina. Āśvinas. Kārttika. Bahula. Mārgaśīrsha. Sukla. Pausha. Bahula. Māgha. Sukla. Phālguna. Bahula. Chaitra. Sukla. Vaiśākha. Bahula. Jyaishṭha. Sukla. Āshāḍha. Bahula. Śrāvaṇa. Sukla. Bhādrapada. Bahula. Āśvina. Sukla.

Kanyā—Purattāśi. Tulā—Aippaśi. Vṛśchika—Kārttigai. Dhanus—Mārgali. Makara—Tai. Kumbha—Māśi. Mīna—Paṅguni. Mesha—Chittirai. Vṛshabha—Vaigāśi. Mithuna—Āni. Karkataka—Āḍi. Simha—Āvani.

H. 547 Rabī-ul ākhir. H. 547 Jamādā'l ākhir. H. 547 Rajab. H. 547 Sha'bān. H. 547 Ramazān.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1153. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·33.** **Śaka 1075.** **Kaliyuga 4254.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·28.** **(Sl. Cycle) Śrimukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Thur.	1	... ...	25 ·58	3	8	Sun.	1	4 ·49	2 ·60	3	8	Fri.	1	6 ·64	8 ·46	4
9	Fri.	2	5 ·01	26 ·69	4	9	Mon.	2	5 ·56	3 ·68	4	9	Sat.	2	7 ·58	9 ·43	5
10	Sat.	3	6 ·09	27 ·80	5	10	Tues.	3	6 ·60	4 ·75	5	10	Sun.	3	8 ·51	10 ·39	6
11	Sun.	4	7 ·18	1 ·90	6	11	Wed.	4	7 ·62	5 ·79	6	11	Mon.	4	9 ·42	11 ·34	7
12	Mon.	5	8 ·26	2 ·99	7	12	Thur.	5	8 ·63	6 ·81	7	12	Tues.	5	10 ·33	12 ·27	8
13	Tues.	6	9 ·33	... ...	8	13	Fri.	6	9 ·61	7 ·81	8	13	Wed.	6	11 ·23	13 ·22	9
14	Wed.	7	10 ·38	3 ·06	9	14	Sat.	7	10 ·58	8 ·80	9	14	Thur.	7	12 ·13	14 ·14	10
15	Thur.	8	11 ·41	4 ·12	10	15	Sun.	8	11 ·52	9 ·76	10	15	Fri.	8	13 ·03 / 14 ·93	15 ·07	11
16	Fri.	9	12 ·42	5 ·15	11	16	Mon.	9	12 ·45	10 ·72	11						
17	Sat.	10	13 ·40	6 ·17	12	17	Tues.	10	13 ·37	11 ·66	12	16	Sat.	9	☽ ·84	16 ·01 / 17 ·95	12
18	Sun.	11	14 ·36	7 ·16	13	18	Wed.	11	14 ·28	12 ·60	13						
19	Mon. ○	12	☽ ·31	8 ·14	14	19	Thur.	12	☽ ·18	13 ·53	14	17	Sun.	10	1 ·75	18 ·91	13
20	Tues.	13	1 ·25	9 ·10	15				Chaitra.			18	Mon.	11	2 ·68	19 ·88	14
21	Wed.	14	2 ·17	10 ·04 / 11 ·99	16	20	Fri.	13	1 ·08 / 2 ·98	14 ·47	15	19	Tues.	12	3 ·63	20 ·86	15
												20	Wed.	13	4 ·60	21 ·87	16
22	Thur.	15	3 ·07 / 4 ·98	12 ·92	17	21	Sat.	14	3 ·88	15 ·40	16	21	Thur.	14	5 ·58	22 ·89	17
						22	Sun.	15	4 ·80	16 ·34	17	22	Fri.	15	6 ·60	23 ·94	18
23	Fri.	16	5 ·88	13 ·85	18	23	Mon.	16	5 ·72	17 ·28	18	23	Sat.	16	7 ·63	... ...	19
24	Sat.	17	6 ·78	14 ·78	19	24	Tues.	17	6 ·65	18 ·24	19	24	Sun.	17	8 ·68	24 ·01	20
25	Sun.	18	7 ·69	15 ·71	20	25	Wed.	18	7 ·60	19 ·22	20	25	Mon.	18	9 ·74	25 ·09	21
26	Mon.	19	8 ·60	16 ·66	21	26	Thur.	19	8 ·57	20 ·22	21	26	Tues.	19	10 ·82	26 ·19	22
27	Tues.	20	9 ·53	17 ·62	22	27	Fri.	20	9 ·56	21 ·23	22	27	Wed.	20	11 ·91	27 ·29	23
28	Wed.	21	10 ·47	18 ·58	23	28	Sat.	21	10 ·57	22 ·26	23	28	Thur.	21	12 ·99	1 ·41	24
29	Thur.	22	11 ·42	19 ·57	24	29	Sun.	22	11 ·60	23 ·32	24	29	Fri.	22	... ...	2 ·51	25
1	Fri.	23	12 ·39	20 ·57	25	30	Mon.	23	12 ·65	24 ·39	25	30	Sat.	23	13 ·06	3 ·60	26
2	Sat.	24	13 ·38	21 ·60	26	1	Tues.	24	13 ·72	25 ·49	26	31	Sun.	24	14 ·12	4 ·68	27
3	Sun.	25	14 ·40	22 ·64	27	2	Wed.	25	14 ·80	26 ·59	27						
4	Mon. ●	26	—A ·43	23 ·70	28	3	Thur.	26	—A ·89	27 ·70	28	32	Mon.	25	—A ·17	5 ·73	28
5	Tues.	27	1 ·48	24 ·78	29	4	Fri.	27	1 ·97	1 ·80	29	1	Tues.	26	1 ·18	6 ·77	29
6	Wed.	28	2 ·55	25 ·88	1	5	Sat.	28	... ...	2 ·90	30	2	Wed.	27	2 ·18	7 ·79	1
7	Thur.	29	3 ·64	26 ·98	2	6	Sun.	29	2 ·04	3 ·99	1	3	Thur.	28	3 ·17	8 ·79	2
8	Fri.	30	4 ·73	... ...	3	7	Mon.	30	3 ·10	... ...	2	4	Fri.	29	4 ·12	9 ·76	3
9	Sat.	31	5 ·82	27 ·10	4	8	Tues.	31	4 ·15	4 ·06	3	5	Sat.	30	5 ·07	10 ·72	4
	Feb.						**April.**					6	Sun.	31	6 ·00 / 7 ·91	11 ·67	5
													June.				
10	Sun.	1	6 ·89	1 ·20	5	9	Wed.	1	5 ·18	5 ·11	4	7	Mon.	1	8 ·81	12 ·62	6
11	Mon.	2	7 ·95	2 ·30	6	10	Thur.	2	6 ·18	6 ·13	5	8	Tues.	2	9 ·71	13 ·55	7
12	Tues.	3	... ...	3 ·37	7	11	Fri.	3	7 ·17	7 ·14	6	9	Wed.	3	10 ·61	14 ·48	8
13	Wed.	4	8 ·00	4 ·43	8	12	Sat.	4	8 ·13	8 ·13	7	10	Thur.	4	11 ·51	15 ·41	9
14	Thur.	5	9 ·03	5 ·48	9	13	Sun.	5	9 ·07	9 ·10	8	11	Fri.	5	12 ·41	16 ·34	10
15	Fri.	6	10 ·04	6 ·49	10	14	Mon.	6	10 ·00 / 11 ·91	10 ·05	9	12	Sat.	6	13 ·32	17 ·29	11
16	Sat.	7	11 ·02 / 12 ·98	7 ·49	11							13	Sun.	7	14 ·23	18 ·25	12
						15	Tues.	7	12 ·82	11 ·00 / 12 ·94	10	14	Mon.	8	☽ ·16	19 ·21	13
17	Sun.	8	13 ·93	8 ·47	12							15	Tues.	9	1 ·12	20 ·19	14
18	Mon.	9	14 ·87	9 ·43	13	16	Wed.	8	13 ·72	13 ·88	11	16	Wed.	10	2 ·08	21 ·19	15
19	Tues.	10	☽ ·79	10 ·39	14	17	Thur.	9	14 ·62	14 ·81	12	17	Thur.	11	3 ·06	22 ·22	16
20	Wed.	11	1 ·70	11 ·33	15	18	Fri.	10	☽ ·52	15 ·74	13	18	Fri.	12	4 ·08	23 ·25	17
21	Thur.	12	2 ·60	12 ·26	16	19	Sat.	11	1 ·42	16 ·67	14	19	Sat.	13	5 ·11	24 ·31	18
22	Fri.	13	3 ·50	13 ·19	17	20	Sun.	12	2 ·33	17 ·62	15	20	Sun.	14	6 ·16	25 ·39	19
23	Sat.	14	4 ·40	14 ·12	18	21	Mon.	13	3 ·25	18 ·57	16	21	Mon.	15	7 ·22	26 ·49	20
24	Sun.	15	5 ·30	15 ·06	19	22	Tues.	14	4 ·18	19 ·56	17	22	Tues.	16	8 ·30	27 ·60	21
25	Mon.	16	6 ·22	16 ·00 / 17 ·95	20	23	Wed.	15	5 ·13	20 ·54	18	23	Wed.	17	9 ·39	1 ·71	22
						24	Thur.	16	6 ·11	21 ·55	19	24	Thur.	18	10 ·47	2 ·81	23
26	Tues.	17	7 ·14	18 ·91	21	25	Fri.	17	7 ·09	22 ·58	20	25	Fri.	19	11 ·54	3 ·90	24
27	Wed.	18	8 ·08	19 ·89	22	26	Sat.	18	8 ·10	23 ·62	21	26	Sat.	20	12 ·60	4 ·98	25
28	Thur.	19	9 ·03	20 ·90	23	27	Sun.	19	9 ·13	24 ·70	22	27	Sun.	21	13 ·64	... ...	26
29	Fri.	20	10 ·00 / 11 ·99	21 ·91	24	28	Mon	20	10 ·18	25 ·79	23	28	Mon.	22	14 ·66	5 ·04	27
						29	Tues.	21	11 ·25	26 ·89	24	29	Tues.	23	—A ·66	6 ·09	28
30	Sat.	21	... ...	22 ·95	25	30	Wed.	22	12 ·33	27 ·99	25	30	Wed.	24	1 ·64	7 ·11	29
1	Sun.	22	12 ·00	23 ·99	26	31	Thur.	23	13 ·41	... ...	26	31	Thur.	25	2 ·61	8 ·11	30
2	Mon.	23	13 ·04	... ...	27	1	Fri.	24	14 ·49	1 ·10	27	1	Fri.	26	3 ·55	9 ·09	1
3	Tues.	24	14 ·09	24 ·09	28	2	Sat.	25	—A ·57	2 ·21	28	2	Sat.	27	4 ·47	10 ·06	2
4	Wed.	25	—A ·15	25 ·18	29	3	Sun.	26	1 ·63	3 ·30	29	3	Sun.	28	5 ·39	11 ·02 / 12 ·96	3
5	Thur.	26	1 ·23	26 ·29	30	4	Mon.	27	2 ·67	4 ·37	30						
6	Fri.	27	2 ·32	27 ·40	1	5	Tues.	28	3 ·69	5 ·42	1	4	Mon.	29	6 ·29	13 ·89	4
7	Sat.	28	3 ·41	1 ·50	2	6	Wed.	29	4 ·69	6 ·45	2	5	Tues.	30	7 ·19	14 ·82	5
						7	Thur.	30	5 ·68	7 ·47	3						

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1153. **Kollam 329,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 548.** **Vikrama 1210.**
A—Amāvāsyā. Commences Commences **March 29.** **Bengal San. 559.**
P—Paurnimā. **(N. Cycle) Dhātri.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
							Bahula. **Bhādrapada.**					*Śukla.* **Kārttika.**		
Śrimukha. **Karkaṭaka—Ādi.** 6	Wed. 1	8 ·09 / 9 ·99	15 ·75	6	5	Tues. 1	12 ·57	22 ·17	9	6	Sun. 1	13 ·02	1 ·20	11
7	Thur. 2	10 ·89	16 ·69	7	6	Wed. 2	13 ·58	23 ·19	10	7	Mon. 2	14 ·11	2 ·30	12
8	Fri. 3	11 ·79	17 ·63	8	7	Thur. 3	14 ·62	24 ·24	11	8	Tues. 3	**P** ·19	3 ·42	13
9	Sat. 4	12 ·71	18 ·58	9	8	Fri. 4	**P** ·67	25 ·31	12	9	Wed. 4	1 ·27	4 ·51	14
10	Sun. 5	13 ·64	19 ·54	10	9	Sat. 5	1 ·74	26 ·40	13	10	Thur. 5	2 ·33	5 ·59	15
11	Mon. 6	14 ·59	20 ·51	11	10	Sun. 6	2 ·82	27 ·49	14	11	Fri. 6	3 ·38	6 ·67	16
12	Tues. ○ 7	**P** ·56	21 ·52	12	11	Mon. 7	3 ·91	1 ·60	15	12	Sat. 7	4 ·40	7 ·71	17
13	Wed. 8	1 ·55	22 ·53	13	12	Tues. 8	4 ·99	2 ·71	16	13	Sun. 8	5 ·41	8 ·73	18
14	Thur. 9	2 ·56	23 ·57	14	13	Wed. 9	... ...	3 ·82	17	14	Mon. 9	6 ·40	9 ·73	19
15	Fri. 10	3 ·59	24 ·62	15	14	Thur. 10	5 ·07	4 ·91	18	15	Tues. 10	7 ·36	10 ·72	20
16	Sat. 11	4 ·64	25 ·69	16	15	Fri. 11	6 ·13	5 ·98	19	16	Wed. 11	8 ·31	11 ·62	21
17	Sun. 12	5 ·70	26 ·79	17	16	Sat. 12	7 ·17	... ...	20	17	Thur. 12	9 ·24	12 ·65	22
18	Mon. 13	6 ·78	27 ·90	18	17	Sun. 13	8 ·20	6 ·04	21	18	Fri. 13	10 ·16	13 ·59	23
19	Tues. 14	7 ·86	... ...	19	18	Mon. 14	9 ·20	7 ·07	22	19	Sat. 14	11 ·07 / 12 ·98	14 ·52	24
20	Wed. 15	8 ·95	1 ·01	20	19	Tues. 15	10 ·19	8 ·09	23					
21	Thur. 16	... ...	2 ·11	21	20	Wed. 16	11 ·15	9 ·08	24	20	Sun. 15	13 ·88	15 ·45	25
22	Fri. 17	9 ·03	3 ·21	22	21	Thur. 17	12 ·10	10 ·06	25	21	Mon. 16	14 ·78	16 ·38	26
23	Sat. 18	10 ·09	4 ·29	23	22	Fri. 18	13 ·02 / 14 ·94	11 ·02 / 12 ·97	26	22	Tues. 17	**A** ·69	17 ·32	27
24	Sun. 19	11 ·12	5 ·36	24	23	Sat. 19	**A** ·85	13 ·92	27	23	Wed. 18	1 ·60	18 ·24	28
25	Mon. 20	12 ·14	6 ·41	25	24	Sun. 20	1 ·75	14 ·85	28	24	Thur. 19	2 ·52	19 ·21	29
26	Tues. 21	13 ·15	7 ·43	26	25	Mon. 21	2 ·65	15 ·78	29	25	Fri. 20	3 ·46	20 ·17	1
27	Wed. 22	14 ·13	8 ·44	27	26	Tues. 22	3 ·55	16 ·71	1	26	Sat. 21	4 ·42	21 ·14	2
28	Thur. ● 23	**A** ·09	9 ·42	28	27	Wed. 23	4 ·46	17 ·64	2	27	Sun. 22	5 ·39	22 ·14	3
29	Fri. 24	1 ·03 / 2 ·96	10 ·40	29	28	Thur. 24	5 ·37	18 ·58	3	28	Mon. 23	6 ·38	23 ·15	4
					29	Fri. 25	*Śukla.* 6 ·29	19 ·54	4	29	Tues. 24	7 ·40	24 ·18	5
30	Sat. 25	3 ·88	11 ·35	1	30	Sat. 26	7 ·23	20 ·51	5	30	Wed. 25	8 ·43	25 ·23	6
31	Sun. 26	4 ·78	12 ·30	2	1	Sun. 27	8 ·19	21 ·49	6	1	Thur. 26	9 ·49	26 ·30	7
32	Mon. 27	5 ·68	13 ·23	3	2	Mon. 28	9 ·16	22 ·49	7	2	Fri. 27	10 ·57	27 ·40	8
1	Tues. 28	6 ·58	14 ·16	4	3	Tues. 29	10 ·14	23 ·51	8	3	Sat. 28	11 ·65	1 ·50	9
2	Wed. 29	7 ·48	15 ·09	5	4	Wed. 30	11 ·16	24 ·56	9	4	Sun. 29	12 ·73	2 ·61	10
3	Thur. 30	*Śukla.* 8 ·38	16 ·03 / 17 ·97	6						5	Mon. 30	13 ·83	3 ·71	11
4	Fri. 31	9 ·29	18 ·91	7										
	Aug.					**Oct.**					**Dec.**			
							Bahula. **Āśvina.**					*Śukla.* **Mārgaśirsha.**		
Śrimukha. **Simha—Āvaṇi.** 5	Sat. 1	10 ·21	19 ·87	8	5	Thur. 1	12 ·19	25 ·62	10	6	Tues. 1	14 ·91	4 ·81	12
6	Sun. 2	11 ·14	20 ·85	9	6	Fri. 2	13 ·25	26 ·70	11	7	Wed. 2	**P** ·97	5 ·90	13
7	Mon. 3	12 ·09	21 ·84	10	7	Sat. 3	14 ·32	27 ·79	12	8	Thur. 3	... ...	6 ·98	14
8	Tues. 4	13 ·06	22 ·85	11	8	Sun. 4	**P** ·40	1 ·90	13	9	Fri. 4	1 ·01	... ...	15
9	Wed. 5	14 ·05	23 ·88	12	9	Mon. 5	1 ·49	... ...	14	10	Sat. 5	2 ·04	7 ·02	16
10	Thur. 6	**P** ·05	24 ·93	13	10	Tues. 6	2 ·57	2 ·01	15	11	Sun. 6	3 ·05	8 ·05	17
11	Fri. 7	1 ·09	... ...	14	11	Wed. 7	3 ·65	3 ·12	16	12	Mon. 7	4 ·03	9 ·06	18
12	Sat. 8	2 ·14	25 ·00	15	12	Thur. 8	4 ·72	4 ·21	17	13	Tues. 8	5 ·00 / 6 ·95	10 ·05	19
13	Sun. 9	3 ·21	26 ·10	16	13	Fri. 9	5 ·76	5 ·29	18					
14	Mon. 10	4 ·29	27 ·20	17	14	Sat. 10	6 ·78	6 ·35	19	14	Wed. 9	7 ·88	11 ·03 / 12 ·97	20
15	Tues. 11	5 ·37	1 ·30	18	15	Sun. 11	7 ·78	7 ·40	20					
16	Wed. 12	6 ·45	2 ·41	19	16	Mon. 12	8 ·78	8 ·41	21	15	Thur. 10	8 ·80	13 ·93	21
17	Thur. 13	7 ·52	3 ·51	20	17	Tues. 13	9 ·74	9 ·41	22	16	Fri. 11	9 ·71	14 ·86	22
18	Fri. 14	8 ·58	4 ·60	21	18	Wed. 14	10 ·69	10 ·39	23	17	Sat. 12	10 ·62	15 ·79	23
19	Sat. 15	9 ·63	5 ·67	22	19	Thur. 15	11 ·62	11 ·35	24	18	Sun. 13	11 ·52	16 ·73	24
20	Sun. 16	10 ·66	6 ·72	23	20	Fri. 16	12 ·54	12 ·30	25	19	Mon. 14	12 ·42	17 ·66	25
21	Mon. 17	11 ·66	7 ·75	24	21	Sat. 17	13 ·45	13 ·25	26	20	Tues. 15	13 ·32	18 ·60	26
22	Tues. 18	12 ·64	8 ·76	25	22	Sun. 18	14 ·35	14 ·19	27	21	Wed. 16	14 ·24	19 ·54	27
23	Wed. 19	13 ·60	9 ·76	26	23	Mon. 19	**A** ·25	15 ·12	28	22	Thur. 17	**A** ·17	20 ·50	28
24	Thur. 20	14 ·54	10 ·72	27	24	Tues. 20	1 ·15	16 ·04 / 17 ·98	29	23	Fri. 18	1 ·10	21 ·48	29
25	Fri. 21	**A** ·47	11 ·69	28						24	Sat. 19	2 ·06	22 ·46	30
26	Sat. 22	1 ·39	12 ·68	29	25	Wed. 21	2 ·05 / 3 ·96	18 ·93	30	25	Sun. 20	3 ·04	23 ·47	1
27	Sun. 23	2 ·30	13 ·57	30						26	Mon. 21	4 ·03	24 ·49	2
28	Mon. 24	3 ·20	14 ·51	1	26	Thur. 22	4 ·89	19 ·87	1	27	Tues. 22	5 ·04	25 ·54	3
29	Tues. 25	4 ·10	15 ·44	2	27	Fri. 23	5 ·83	20 ·84	2	28	Wed. 23	6 ·08	26 ·61	4
					28	Sat. 24	6 ·79	21 ·81	3	29	Thur. 24	*Śukla.* 7 ·14	27 ·70	5
30	Wed. 26	*Śukla.* 5 ·00 / 6 ·90	16 ·37	3	29	Sun. 25	*Śukla.* 7 ·76	22 ·81	4	1	Fri. 25	8 ·22	1 ·80	6
31	Thur. 27	7 ·81	17 ·30	4	30	Mon. 26	8 ·74	23 ·82	5	2	Sat. 26	9 ·30	2 ·91	7
1	Fri. 28	8 ·73	18 ·25	5	1	Tues. 27	9 ·77	24 ·87	6	3	Sun. 27	10 ·38	... ...	8
2	Sat. 29	9 ·67	19 ·20	6	2	Wed. 28	**Kart.** 10 ·81	25 ·93	7	4	Mon. 28	11 ·47	3 ·01	9
3	Sun. 30	10 ·62	20 ·18	7	3	Thur. 29	11 ·86	... ...	8	5	Tues. 29	12 ·55	4 ·11	10
4	Mon. 31	11 ·59	21 ·16	8	4	Fri. 30	12 ·93	26 ·00	9	6	Wed. 30	13 ·62	5 ·21	11
					5	Sat. 31	... ...	27 ·09	10	7	Thur. 31	**P.** 14 ·66	6 ·28	12

H. 548 Rabi-ul ākhir. *H. 548 Jamāda'l awwal.* *H. 548 Jamāda'l ākhir.* *H. 548 Rajab.* *H. 548 Sha'bān.* *H. 548 Ramazān.* *H. 548 Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatal

A.D. 1154. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·59.** **Śaka 1076.** **Kaliyuga 4255.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·54.** **(S. Cycle) Bhāva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.○	1	P ·69	7 ·34	18	8	Mon.	1	P ·82	11 ·01	13	8	Sat.	1	2 ·34	18 ·29	15
9	Sat.	2	1 ·70	8 ·37	14					12 ·98		9	Sun.	2	3 ·24	19 ·23	16
10	Sun.	3	2 ·68	9 ·39	15	9	Tues.	2	1 ·75	13 ·94	14	10	Mon.	3	4 ·15	20 ·17	17
11	Mon.	4	3 ·65	10 ·38	16	10	Wed.	3	2 ·67	14 ·88	15	11	Tues.	4	5 ·07	21 ·12	18
12	Tues.	5	4 ·60	11 ·36	17	11	Thur.	4	3 ·58	15 ·82	16				6 ·00		
13	Wed.	6	5 ·53	12 ·32	18	12	Fri.	5	4 ·48	16 ·75	17	12	Wed.	5	7 ·96	22 ·10	19
14	Thur.	7	6 ·45	13 ·26	19	13	Sat.	6	5 ·38	17 ·68	18	13	Thur.	6	8 ·92	23 ·08	20
15	Fri.	8	7 ·36	14 ·20	20	14	Sun.	7	6 ·28	18 ·61	19	14	Fri.	7	9 ·91	24 ·09	21
16	Sat.	9	8 ·26	15 ·14	21	15	Mon.	8	7 ·19	19 ·56	20	15	Sat.	8	10 ·92	25 ·11	22
17	Sun.	10	9 ·16	16 ·07	22	16	Tues.	9	8 ·10	20 ·50	21	16	Sun.	9	11 ·96	26 ·15	23
18	Mon.	11	10 ·06	17 ·00	23	17	Wed.	10	9 ·02	21 ·46	22	17	Mon.	10	... ...	27 ·23	24
			11 ·96	18 ·93					10 ·95			18	Tues.	11	12 ·01	1 ·31	25
19	Tues.	12	12 ·88	19 ·88	24	18	Thur.	11	11 ·90	22 ·44	23	19	Wed.	12	13 ·07	2 ·41	26
20	Wed.	13	13 ·81	20 ·84	25	19	Fri.	12	12 ·88	23 ·43	24	20	Thur.	13	14 ·15	3 ·51	27
21	Thur.	14	14 ·75	21 ·80	26	20	Sat.	13	13 ·86	24 ·45	25	21	Fri.	14	—A ·23	4 ·62	28
22	Fri.	15	—A ·70	22 ·79	27	21	Sun.	14	14 ·88	25 ·48	26	22	Sat.	15	1 ·32	5 ·72	—29
23	Sat.	16	1 ·69	23 ·79	28	22	Mon.	15	—A ·91	26 ·54	27	23	Sun.	16	2 ·40	6 ·82	1
24	Sun.	17	2 ·67	24 ·81	—29	23	Tues.	16	1 ·97	27 ·61	28	24	Mon.	17	3 ·46	7 ·90	2
25	Mon.	18	3 ·68	25 ·85	1	24	Wed.	17	... ...	1 ·70	—29	25	Tues.	18	4 ·49	8 ·95	3
26	Tues.	19	4 ·72	26 ·92	2	25	Thur.	18	2 ·04	2 ·81	1	26	Wed.	19	5 ·50	9 ·99	4
27	Wed.	20	5 ·78	27 ·99	3	26	Fri.	19	3 ·12	3 ·92	2	27	Thur.	20	6 ·51	... ...	5
28	Thur.	21	6 ·86	... ...	4	27	Sat.	20	4 ·21	... ...	3	28	Fri.	21	7 ·49	10 ·00	6
—29	Fri.	22	7 ·94	1 ·10	5	28	Sun.	21	5 ·29	4 ·02	4					11 ·01	
1	Sat.	23	... ...	2 ·21	6	29	Mon.	22	6 ·37	5 ·11	5	29	Sat.	22	8 ·45	12 ·98	7
2	Sun.	24	8 ·03	3 ·32	7	30	Tues.	23	7 ·43	6 ·20	6	30	Sun.	23	9 ·39	13 ·94	8
3	Mon.	25	9 ·11	4 ·42	8	—31	Wed.	24	8 ·47	7 ·28	7	31	Mon.	24	10 ·31	14 ·89	9
4	Tues.	26	10 ·18	5 ·52	9	1	Thur.	25	9 ·48	8 ·33	8	—32	Tues.	25	11 ·22	15 ·83	10
5	Wed.	27	11 ·24	6 ·59	10	2	Fri.	26	10 ·49	9 ·35	9	1	Wed.	26	12 ·12	16 ·77	11
6	Thur.	28	12 ·29	7 ·65	11	3	Sat.	27	11 ·47	10 ·36	10				13 ·02		
7	Fri.	29	13 ·32	8 ·69	12	4	Sun.	28	12 ·43	11 ·34	11	2	Thur.	27	14 ·92	17 ·70	12
8	Sat.	30	14 ·32	9 ·71	13	5	Mon.	29	13 ·37	12 ·32	12	3	Fri.	28	P ·82	18 ·63	13
9	Sun.	31	P ·31	10 ·70	14	6	Tues.	30	14 ·30	13 ·28	13	4	Sat.	29	1 ·73	19 ·56	14
						7	Wed.	31	P ·22	14 ·22	14	5	Sun.	30	2 ·64	20 ·51	15
	Feb.											6	Mon.	31	3 ·56	21 ·47	16
							April.						**June.**				
10	Mon.	1	1 ·28	11 ·69	15	8	Thur.	1	1 ·13	15 ·16	15						
11	Tues.	2	2 ·22	12 ·65	16				2 ·03			7	Tues.	1	4 ·49	22 ·43	17
12	Wed.	3	3 ·15	13 ·60	17	9	Fri.	2	3 ·93	16 ·09	16	8	Wed.	2	5 ·44	23 ·41	18
13	Thur.	4	4 ·07	14 ·55	18					17 ·01		9	Thur.	3	6 ·41	24 ·41	19
			5 ·98			10	Sat.	3	4 ·83	18 ·96	17	10	Fri.	4	7 ·40	25 ·43	20
14	Fri.	5	6 ·88	15 ·48	19	11	Sun.	4	5 ·73	19 ·89	18	11	Sat.	5	8 ·40	26 ·47	21
15	Sat.	6	7 ·78	16 ·41	20	12	Mon.	5	6 ·64	20 ·84	19	12	Sun.	6	9 ·44	27 ·53	22
16	Sun.	7	8 ·68	17 ·34	21	13	Tues.	6	7 ·56	21 ·79	20	13	Mon.	7	10 ·49	1 ·61	23
17	Mon.	8	9 ·59	18 ·28	22	14	Wed.	7	8 ·49	22 ·76	21	14	Tues.	8	11 ·56	2 ·71	24
18	Tues.	9	10 ·50	19 ·21	23	15	Thur.	8	9 ·45	23 ·76	22	15	Wed.	9	12 ·64	3 ·81	25
19	Wed.	10	11 ·42	20 ·17	24	16	Fri.	9	10 ·42	24 ·76	23	16	Thur.	10	13 ·72	4 ·92	26
20	Thur.	11	12 ·37	21 ·13	25	17	Sat.	10	11 ·41	25 ·80	24	17	Fri.	11	14 ·80	... ...	27
21	Fri.	12	13 ·33	22 ·11	26	18	Sun.	11	12 ·42	26 ·85	25	18	Sat.	12	—A ·88	5 ·03	28
22	Sat.	13	14 ·30	23 ·11	27	19	Mon.	12	13 ·45	27 ·91	26	19	Sun.	13	1 ·94	6 ·12	29
23	Sun.	14	—A ·28	24 ·12	28	20	Tues.	13	14 ·50	... ...	27	20	Mon.	14	2 ·97	7 ·20	—30
24	Mon.	15	1 ·30	25 ·16	29	21	Wed.	14	—A ·57	1 ·01	28	21	Tues.	15	3 ·99	8 ·26	1
25	Tues.	16	2 ·33	26 ·23	—30	22	Thur.	15	1 ·66	2 ·11	29	22	Wed.	16	4 ·99	9 ·30	2
26	Wed.	17	3 ·38	27 ·31	1	23	Fri.	16	2 ·75	3 ·21	—30	23	Thur.	17	5 ·97	10 ·33	3
27	Thur.	18	4 ·46	1 ·40	2	24	Sat.	17	3 ·83	4 ·32	1	24	Fri.	18	6 ·93	11 ·33	4
28	Fri.	19	5 ·54	2 ·50	3	25	Sun.	18	4 ·90	5 ·42	2	25	Sat.	19	7 ·87	12 ·31	5
29	Sat.	20	6 ·64	3 ·61	4	26	Mon.	19	5 ·96	6 ·51	3	26	Sun.	20	8 ·79	13 ·28	6
—30	Sun.	21	7 ·72	4 ·72	5	27	Tues.	20	... ...	7 ·59	4	27	Mon.	21	9 ·70	14 ·23	7
1	Mon.	22	8 ·80	5 ·83	6	28	Wed.	21	6 ·00	8 ·64	5	28	Tues.	22	10 ·60	15 ·17	8
2	Tues.	23	9 ·86	6 ·90	7	29	Thur.	22	7 ·01	9 ·67	6	29	Wed.	23	11 ·50	16 ·11	9
3	Wed.	24	10 ·90	7 ·96	8				8 ·02			30	Thur.	24	12 ·40	17 ·04	10
4	Thur.	25	11 ·92	... ...	9	30	Fri.	23	9 ·99	10 ·68	7					18 ·97	
5	Fri.	26	12 ·92	8 ·01	10	1	Sat.	24	10 ·96	11 ·67	8	—31	Fri.	25	13 ·30	19 ·90	11
6	Sat.	27	13 ·91	9 ·01	11	2	Sun.	25	11 ·90	12 ·64	9	1	Sat.	26	14 ·20	20 ·84	12
7	Sun.	28	14 ·87	10 ·03	12	3	Mon.	26	12 ·82	13 ·60	10	2	Sun.○	27	P ·11	21 ·79	13
						4	Tues.	27	13 ·74	14 ·55	11	3	Mon.	28	1 ·03	22 ·76	14
						5	Wed.	28	14 ·64	15 ·49	12				2 ·97		
						6	Thur.	29	P ·54	16 ·42	13	4	Tues.	29	3 ·92	23 ·73	15
						7	Fri.	30	1 ·44	17 ·36	14	5	Wed.	30	4 ·89	24 ·73	16

Śrīmukha. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Śrīmukha.* **Kumbha—Māśi.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śrīmukha.* **Mīna—Pangun.** *Bhāva.* **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* **Jyeshtha.** *Bhāva.* **Vrishabha—Vaigāśi.** *Sukla.* **Āshādha.** *Bhāva.* **Mithuna—Āni.** *Bahula.* **Āshādha.**

H. 548 Shawwal. H. 548 Zi-l-ka'da. H. 548 Zi-l-hijja. H. 549 Muharram. H. 549 Śafar. H. 549 Rabi-ul awwal. H. 549 Rabi-ul ākhir.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1154. **Kollam 330,** { **N. Malabar—Aug.** **Hijra 549.** **Vikrama 1211.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **March 18.** **Bengal San. 560.**
P—Paurnimā. **(N. Cycle) Īśvara.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Thur. 1			17	5	Wed. 1			20	6	Mon. 1			22
7	Fri. 2			18	6	Thur. 2			21	7	Tues. 2			23
8	Sat. 3			19	7	Fri. 3			22	8	Wed. 3			24
9	Sun. 4			20	8	Sat. 4			23	9	Thur. 4			25
10	Mon. 5			21	9	Sun. 5			24	10	Fri. 5			26
11	Tues. 6			22	10	Mon. 6			25	11	Sat. 6			27
12	Wed. 7			23	11	Tues. 7			26	12	Sun. 7			28
13	Thur. 8			24	12	Wed. 8			27	13	Mon. 8			—29
14	Fri. 9			25	13	Thur. 9			28	14	Tues. 9			1
15	Sat. 10			26	14	Fri. 10			—29	15	Wed. 10			2
16	Sun. 11			27	15	Sat. 11			1					
17	Mon. 12			*H. 549 Rabī-ul akhir.*	16	Sun. 12			2	16	Thur. 11			3
18	Tues. 13			28	17	Mon. 13			3	17	Fri. 12			4
19	Wed. 14			1						18	Sat. 13			5
20	Thur. 15			2	18	Tues. 14			4	19	Sun. 14			6
21	Fri. 16			3						20	Mon. 15			7
22	Sat. 17			4	19	Wed. 15			5	21	Tues. 16			8
23	Sun. 18			5	20	Thur. 16			6	22	Wed. 17			9
24	Mon. 19			6	21	Fri. 17			7	23	Thur. 18			10
25	Tues. 20			7	22	Sat. 18			8	24	Fri. 19			11
					23	Sun. 19			9	25	Sat. 20			12
26	Wed. 21			8	24	Mon. 20			10	26	Sun. 21			13
27	Thur. 22			9	25	Tues. 21			11	27	Mon. 22			14
28	Fri. 23			10	26	Wed. 22			12	28	Tues. 23			15
29	Sat. 24			11	27	Thur. 23			13	29	Wed. 24			16
30	Sun. 25			12	28	Fri. 24			14	—30	Thur. 25			17
31	Mon. 26			13	29	Sat. 25			15	1	Fri. 26			18
—32	Tues. 27			14	—30	Sun. 26			16	2	Sat. 27			19
1	Wed. 28			15	1	Mon. 27			17	3	Sun. 28			20
2	Thur. 29			16	2	Tues. 28			18	4	Mon. 29			21
3	Fri. 30			17	3	Wed. 29			19	5	Tues. 30			22
4	Sat. 31			18	4	Thur. 30			20					
	Aug.					**Oct.**					**Dec.**			
5	Sun. 1			19	5	Fri. 1			21	6	Wed. 1			23
6	Mon. 2			20	6	Sat. 2			22	7	Thur. 2			24
7	Tues. 3			21	7	Sun. 3			23	8	Fri. 3			25
8	Wed. 4			22	8	Mon. 4			24	9	Sat. 4			26
9	Thur. 5			23	9	Tues. 5			25					
10	Fri. 6			24	10	Wed. 6			26	10	Sun. 5			27
11	Sat. 7			25	11	Thur. 7			27	11	Mon. 6			28
12	Sun. 8			26										
13	Mon. 9			27	12	Fri. 8			28	12	Tues. 7			29
14	Tues. 10			28	13	Sat. 9			29	13	Wed. 8			—30
15	Wed. 11			29	14	Sun. 10			—30	14	Thur. 9			1
16	Thur. 12			—30	15	Mon. 11			1	15	Fri. 10			2
17	Fri. 13			1	16	Tues. 12			2	16	Sat. 11			3
18	Sat. 14			2	17	Wed. 13			3	17	Sun. 12			4
19	Sun. 15			3	18	Thur. 14			4	18	Mon. 13			5
20	Mon. 16			4	19	Fri. 15			5	19	Tues. 14			6
21	Tues. 17			5	20	Sat. 16			6	20	Wed. 15			7
22	Wed. 18			6	21	Sun. 17			7	21	Thur. 16			8
23	Thur. 19			7	22	Mon. 18			8	22	Fri. 17			9
24	Fri. 20			8	23	Tues. 19			9	23	Sat. 18			10
25	Sat. 21			9	24	Wed. 20			10	24	Sun. 19			11
26	Sun. 22			10	25	Thur. 21			11	25	Mon. 20			12
					26	Fri. 22			12	26	Tues. ○ 21			13
27	Mon. 23			11	27	Sat. 23			13	27	Wed. 22			14
28	Tues. 24			12	28	Sun. 24			14	28	Thur. 23			15
29	Wed. 25			13	29	Mon. 25			15	—29	Fri. 24			16
30	Thur. 26			14	—30	Tues. 26			16	1	Sat. 25			17
—31	Fri. 27			15	1	Wed. 27			17	2	Sun. 26			18
1	Sat. 28			16	2	Thur. 28			18	3	Mon. 27			19
2	Sun. 29			17	3	Fri. 29			19	4	Tues. 28			20
3	Mon. 30			18	4	Sat. 30			20	5	Wed. 29			21
4	Tues. 31			19	5	Sun. 31			21	6	Thur. 30			22
										7	Fri. 31			23

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1155. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·85.** **Śaka 1077.** **Kaliyuga 4256.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·80.** **(S. Cycle) Yuva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	11 ·64	17 ·42	24	8	Tues. 1	11 ·48	22 ·76	24	7	Sun. 1	13 ·24	1 ·33	26
9	Sun. 2	12 ·54	18 ·35	25	9	Wed. 2	12 ·39	23 ·72	25	8	Mon. 2	14 ·26	2 ·37	27
10	Mon. 3	13 ·44	19 ·29	26	10	Thur. 3	13 ·31	24 ·68	26	9	Tues. 3	—A ·28	3 ·44	28
11	Tues. 4	14 ·34	20 ·22	27	11	Fri. 4	14 ·25	25 ·66	27	10	Wed. 4	1 ·33	4 ·52	—29
12	Wed. 5	—A ·25	21 ·15	28	12	Sat. 5	—A ·21	26 ·65	28	11	Thur. 5	2 ·41	5 ·63	1
13	Thur. 6	1 ·17	22 ·10	—29	13	Sun. 6	1 ·18	27 ·66	—29	12	Fri. 6	3 ·49	6 ·73	2
14	Fri. 7	2 ·09	23 ·05	1	14	Mon. 7	2 ·18	1 ·70	1	13	Sat. 7	4 ·57	7 ·84	3
15	Sat. 8	3 ·03	24 ·01	2	15	Tues. 8	3 ·19	2 ·76	2	14	Sun. 8	5 ·65	8 ·94	4
16	Sun. 9	4 ·00 5 ·97	25 ·01	3	16	Wed. 9	4 ·23	3 ·83	3	15	Mon. 9	6 ·73	: ...	5
17	Mon. 10	6 ·96	26 ·01	4	17	Thur. 10	5 ·28	4 ·92	4	16	Tues. 10	7 ·78	9 ·08	6
18	Tues. 11	7 ·98	27 ·03	5	18	Fri. 11	6 ·35	... ...	5	17	Wed. 11	8 ·82	10 ·12	7
19	Wed. 12	: ...	1 ·07	6	19	Sat. 12	7 ·43	5 ·02	6	18	Thur. 12	9 ·84	11 ·17	8
20	Thur. 13	8 ·02	2 ·13	7	20	Sun. 13	8 ·52	6 ·13	7	19	Fri. 13	10 ·83	12 ·21	9
21	Fri. 14	9 ·08	3 ·22	8	21	Mon. 14	9 ·61	7 ·24	8	20	Sat. 14	11 ·81	13 ·22	10
22	Sat. 15	10 ·15	4 ·32	9	22	Tues. 15	10 ·68	8 ·34	9	21	Sun. 15	12 ·77	14 ·22	11
23	Sun. 16	11 ·23	5 ·42	10	23	Wed. 16	11 ·74	9 ·42	10	22	Mon. 16	13 ·71	15 ·20	12
24	Mon. 17	12 ·32	6 ·52	11	24	Thur. 17	12 ·78	10 ·49	11	23	Tues. 17	14 ·63	16 ·15	13
25	Tues. 18	13 ·40	7 ·63	12	25	Fri. 18	13 ·81	11 ·54	12	24	Wed. 18	P ·54	17 ·11	14
26	Wed. 19	14 ·49	8 ·74	13	26	Sat. 19	14 ·80	12 ·57	13	25	Thur. 19	1 ·44	18 ·05 19 ·98	15
27	Thur. 20	P ·55	9 ·81	14	27	Sun. 20	P ·78	13 ·58	14	26	Fri. 20	2 ·34	20 ·91	16
28	Fri. 21	1 ·60	10 ·87	15	28	Mon. 21	1 ·74	14 ·56	15	27	Sat. 21	3 ·24	21 ·86	17
29	Sat. 22	2 ·62	11 ·91	16	29	Tues. 22	2 ·68	15 ·53	16	28	Sun. 22	4 ·14	22 ·78	18
—30	Sun. 23	3 ·62	12 ·92	17	30	Wed. 23	3 ·60	16 ·49	17	29	Mon. 23	5 ·04 6 ·95	23 ·72	19
1	Mon. 24	4 ·60	13 ·92	18	— 31	Thur. 24	4 ·52	17 ·44	18	30	Tues. 24	7 ·87	24 ·68	20
2	Tues. 25	5 ·56	14 ·91	19	1	Fri. 25	5 ·42	18 ·38	19	—31	Wed. 25	8 ·81	25 ·64	21
3	Wed. 26	6 ·51	15 ·87	20	2	Sat. 26	6 ·32	19 ·31	20	1	Thur. 26	9 ·76	26 ·68	22
4	Thur. 27	7 ·44	16 ·82	21	3	Sun. 27	7 ·22	20 ·23	21	2	Fri. 27	10 ·73	27 ·63	23
5	Fri. 28	8 ·36	17 ·76	22	4	Mon. 28	8 ·12	21 ·16	22	3	Sat. 28	11 ·72	1 ·65	24
6	Sat. 29	9 ·27	18 ·69	23	5	Tues. 29	9 ·03 10 ·94	22 ·11	23	4	Sun. 29	12 ·74	2 ·69	25
7	Sun. 30	10 ·18	19 ·63	24	6	Wed. 30	11 ·86	23 ·06	24	5	Mon. 30	13 ·77	3 ·74	26
8	Mon. 31	11 ·08 12 ·98	20 ·56	25	7	Thur. 31	12 ·81	24 ·01 25 ·98	25	6	Tues. 31	14 ·82	4 ·83	27
	Feb.					**April.**					**June.**			
9	Tues. 1	13 ·88	21 ·49	26	8	Fri. 1	13 ·77	26 ·97	26	7	Wed. ● 1	—A ·89	5 ·93	28
10	Wed. 2	14 ·79	22 ·43	27	9	Sat. 2	14 ·74	27 ·99	27	8	Thur. 2	1 ·98	... ...	29
11	Thur. 3	—A ·71	23 ·38	28	10	Sun. 3	—A ·72	... ...	28	9	Fri. 3	: ...	6 ·03	—30
12	Fri. 4	1 ·66	24 ·35	29	11	Mon. 4	1 ·73	1 ·02	29	10	Sat. 4	2 ·06	7 ·14	1
13	Sat. 5	2 ·62	25 ·33	—30	12	Tues. 5	2 ·77	2 ·07	—30	11	Sun. 5	3 ·14	8 ·24	2
14	Sun. 6	3 ·59	26 ·33	1	13	Wed. 6	3 ·82	3 ·13	1	12	Mon. 6	4 ·21	9 ·34	3
15	Mon. 7	4 ·59	27 ·84	2	14	Thur. 7	4 ·90	4 ·22	2	13	Tues. 7	5 ·26	10 ·41	4
16	Tues. 8	5 ·60	1 ·38	3	15	Fri. 8	5 ·98	5 ·33	3	14	Wed. 8	6 ·30	11 ·48	5
17	Wed. 9	6 ·63	2 ·45	4	16	Sat. 9	: ...	6 ·44	4	15	Thur. 9	7 ·32	12 ·52	6
18	Thur. 10	7 ·69	3 ·53	5	17	Sun. 10	6 ·07	7 ·54	5	16	Fri. 10	8 ·32	13 ·54	7
19	Fri. 11	8 ·77	4 ·62	6	18	Mon. 11	7 ·15	8 ·64	6	17	Sat. 11	9 ·29	14 ·55	8
20	Sat. 12	9 ·86	5 ·72	7	19	Tues. 12	8 ·22	9 ·73	7	18	Sun. 12	10 ·25	15 ·53	9
21	Sun. 13	10 ·94	6 ·83	8	20	Wed. 13	9 ·27	10 ·80	8	19	Mon. 13	11 ·19	16 ·50	10
22	Mon. 14	: ...	7 ·94	9	21	Thur. 14	10 ·31	11 ·86	9	20	Tues. 14	12 ·11	17 ·45	11
23	Tues. 15	11 ·03	... ...	10	22	Fri. 15	11 ·34	12 ·89	10	21	Wed. 15	13 ·02 14 ·92	18 ·39	12
24	Wed. 16	12 ·10	8 ·04	11	23	Sat. 16	12 ·33	13 ·90	11	22	Thur. ○ 16	P ·82	19 ·32	13
25	Thur. 17	13 ·16	9 ·12	12	24	Sun. 17	13 ·32	14 ·89	12	23	Fri. 17	1 ·72	20 ·26	14
26	Fri. 18	14 ·20	10 ·18	13	25	Mon. 18	14 ·27	15 ·86	13	24	Sat. 18	2 ·62	21 ·19	15
27	Sat. 19	P ·23	11 ·22	14	26	Tues. 19	P ·20	16 ·83	14	25	Sun. 19	3 ·52	22 ·12	16
28	Sun. 20	1 ·23	12 ·24	15	27	Wed. 20	1 ·13	17 ·78	15	26	Mon. 20	4 ·43	23 ·06	17
—29	Mon. 21	2 ·21	13 ·25	16	28	Thur. 21	2 ·04 3 ·95	18 ·71	16	27	Tues. 21	5 ·35	24 ·01 25 ·98	18
1	Tues. 22	3 ·17	14 ·24	17	29	Fri. 22	4 ·85	19 ·64	17	28	Wed. 22	6 ·29	26 ·95	19
2	Wed. 23	4 ·11	15 ·20	18	30	Sat. 23	5 ·75	20 ·57	18	29	Thur. 23	7 ·24	27 ·95	20
3	Thur. 24	5 ·04 6 ·96	16 ·15	19	—31	Sun. 24	6 ·65	21 ·50	19	30	Fri. 24	8 ·21	1 ·96	21
4	Fri. 25	7 ·88	17 ·09	20	1	Mon. 25	7 ·55	22 ·45	20	31	Sat. 25	9 ·21	... ...	22
5	Sat. 26	8 ·76	18 ·03 19 ·97	21	2	Tues. 26	8 ·46	23 ·39	21	—32	Sun. 26	10 ·22	2 ·00	23
6	Sun. 27	9 ·66	20 ·90	22	3	Wed. 27	9 ·38	24 ·34	22	1	Mon. 27	11 ·25	3 ·05	24
7	Mon. 28	10 ·57	21 ·83	23	4	Thur. 28	10 ·32	25 ·31	23	2	Tues. 28	12 ·30	4 ·14	25
					5	Fri. 29	11 ·27	26 ·29	24	3	Wed. 29	13 ·37	5 ·23	26
					6	Sat. 30	12 ·25	27 ·31	25	4	Thur. 30	14 ·45	6 ·33	27

Bhāva. Makara—Tai. Sukla. Bahula. Māgha. H. 549 Zi-l-ka'da.
Bhāva. Kumbha—Māśi. Sukla. Bahula. Phālguna. H. 549 Zi-l-hijja.
Bhāva. Mīna—Paṅguni. Sukla. Bahula.
Bhāva. Mīna—Paṅguni. Yuva. Mēsha—Chittirai. Sukla. Bahula. Chaitra. H. 550 Muharram.
Yuva. Vṛishabha—Vaigāśi. Sukla. Bahula. Vaiśākha. H. 550 Safar.
Yuva. Mithuna—Āni. Sukla. Bahula. Jyēshtha. H. 550 Rabi-ul awwal.
Yuva. Mithuna—Āni. Sukla. Bahula. Āshādha. H. 550 Rabi-ul ākhir.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1155. **Kollam 331,** { **N. Malabar—Aug.** **Hijra 550.** **Vikrama 1212.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **March 7.** **Bengal San. 561.**
P—Paurnimā. **(N. Cycle) Bahudhānya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Fri.	1	—**A** ·53	7 ·48	28	5	Thur.	1	3 ·80	14 ·52	2	5	Tues.	1	5 ·53	21 ·89	4
6	Sat.	2	1 ·62	8 ·55	—29	6	Fri.	2	4 ·75	15 ·51	3	6	Wed.	2	6 ·43	22 ·82	5
7	Sun.	3	2 ·69	9 ·65	1	7	Sat.	3	5 ·69	16 ·49	4	7	Thur.	3	7 ·33	23 ·75	6
8	Mon.	4	3 ·74	10 ·73	2	8	Sun.	4	6 ·62	17 ·46	5	8	Fri.	4	8 ·24	24 ·69	7
9	Tues.	5	4 ·78	11 ·79	3	9	Mon.	5	7 ·53	18 ·41	6	9	Sat.	5	9 ·16	25 ·64	8
10	Wed.	6	5 ·80	12 ·84	4	10	Tues.	6	8 ·44	19 ·34	7	10	Sun.	6	10 ·09	26 ·60	9
11	Thur.	7	6 ·79	13 ·86	5	11	Wed.	7	9 ·34	20 ·28	8	11	Mon.	7	11 ·03	27 ·58	10
12	Fri.	8	7 ·77	14 ·88	6	12	Thur.	8	10 ·24	21 ·21	9				12 ·99		
13	Sat.	9	8 ·73	15 ·86	7	13	Fri.	9	11 ·14	22 ·14	10	12	Tues.	8	13 ·97	1 ·57	11
14	Sun.	10	9 ·67	16 ·83	8	14	Sat.	10	12 ·04	23 ·08	11	13	Wed.	9	14 ·96	2 ·58	12
15	Mon.	11	10 ·59	17 ·78	9				13 ·96			14	Thur.	10	**P** ·98	3 ·61	13
16	Tues.	12	11 ·50	18 ·73	10	15	Sun.	11	14 ·89	24 ·02	12	15	Fri.	11	... ...	4 ·67	14
17	Wed.	13	12 ·40	19 ·67	11					25 ·97		16	Sat.	12	1 ·01	5 ·74	15
18	Thur.	14	13 ·30	20 ·60	12	16	Mon.	12	**P** ·83	26 ·94	13	17	Sun.	13	2 ·08	6 ·83	16
19	Fri.	15	14 ·20	21 ·53	13	17	Tues.	13	1 ·78	27 ·92	14	18	Mon.	14	3 ·15	7 ·93	17
20	Sat.	16	**P** ·10	22 ·46	14	18	Wed.	14	2 ·76	1 ·93	15	19	Tues.	15	4 ·24	... ...	18
21	Sun.	17	1 ·00	23 ·40	15	19	Thur.	15	3 ·75	2 ·94	16	20	Wed.	16	5 ·33	8 ·04	19
			2 ·91			20	Fri.	16	4 ·77	3 ·99	17	21	Thur.	17	6 ·42	9 ·16	20
22	Mon.	18	3 ·83	24 ·35	16	21	Sat.	17	5 ·80	... ...	18	22	Fri.	18	7 ·49	10 ·26	21
23	Tues.	19	4 ·77	25 ·31	17	22	Sun.	18	6 ·85	4 ·05	19	23	Sat.	19	8 ·55	11 ·34	22
24	Wed.	20	5 ·73	26 ·30	18	23	Mon.	19	7 ·93	5 ·13	20	24	Sun.	20	9 ·60	12 ·41	23
25	Thur.	21	6 ·69	27 ·27	19	24	Tues.	20	... ...	6 ·24	21	25	Mon.	21	10 ·62	13 ·46	24
26	Fri.	22	7 ·69	1 ·28	20	25	Wed.	21	8 ·01	7 ·34	22	26	Tues.	22	11 ·62	14 ·49	25
27	Sat.	23	8 ·70	2 ·31	21	26	Thur.	22	9 ·10	8 ·44	23	27	Wed.	23	12 ·60	15 ·50	26
28	Sun.	24	9 ·74	3 ·37	22	27	Fri.	23	10 ·19	9 ·55	24	28	Thur.	24	13 ·57	16 ·49	27
29	Mon.	25	10 ·79	4 ·44	23	28	Sat.	24	11 ·27	10 ·64	25	—29	Fri.	25	14 ·51	17 ·46	28
30	Tues.	26	11 ·86	5 ·53	24	29	Sun.	25	12 ·33	11 ·73	26	1	Sat.	26	—**A** ·44	18 ·41	29
—31	Wed.	27	12 ·94	6 ·63	25	30	Mon.	26	13 ·36	12 ·79	27	2	Sun.	27	1 ·36	19 ·36	—30
1	Thur.	28	... ...	7 ·74	26	—31	Tues.	27	14 ·39	13 ·82	28	3	Mon.	28	2 ·26	20 ·30	1
2	Fri.	29	13 ·02	8 ·85	27	1	Wed.	28	—**A** ·38	14 ·84	29	4	Tues.	29	3 ·16	21 ·23	2
3	Sat.	30	14 ·11	9 ·95	28	2	Thur.	29	1 ·37	15 ·84	—30	5	Wed.	30	4 ·06	22 ·16	3
4	Sun.	31	—**A** ·18	... ...	29	3	Fri.	30	2 ·33	16 ·83	1				5 ·97		
	Aug.						**Oct.**						**Dec.**				
5	Mon.	1	1 ·23	10 ·03	—30	4	Sat.	1	3 ·27	17 ·79	2	6	Thur.	1	6 ·88	23 ·09	4
6	Tues.	2	2 ·27	11 ·10	1	5	Sun.	2	4 ·19	18 ·74	3	7	Fri.	2	7 ·80	24 ·03	5
7	Wed.	3	3 ·30	12 ·15	2	6	Mon.	3	5 ·11	19 ·68	4					25 ·98	
8	Thur.	4	4 ·29	13 ·19	3	7	Tues.	4	6 ·02	20 ·61	5	8	Sat.	3	8 ·73	26 ·94	6
9	Fri.	5	5 ·27	14 ·20	4				7 ·92			9	Sun.	4	9 ·67	27 ·90	7
10	Sat.	6	6 ·22	15 ·19	5	8	Wed.	5	8 ·82	21 ·55	6	10	Mon.	5	10 ·63	1 ·89	8
11	Sun.	7	7 ·16	16 ·16	6	9	Thur.	6	9 ·72	22 ·48	7	11	Tues.	6	11 ·61	2 ·90	9
12	Mon.	8	8 ·09	17 ·12	7	10	Fri.	7	10 ·63	23 ·42	8	12	Wed.	7	12 ·61	3 ·94	10
13	Tues.	9	9 ·00	18 ·07	8	11	Sat.	8	11 ·54	24 ·36	9	13	Thur.	8	13 ·62	4 ·98	11
			10 ·91			12	Sun.	9	12 ·47	25 ·30	10	14	Fri.	9	14 ·67	... ...	12
				19 ·01		13	Mon.	10	13 ·41	26 ·27	11	15	Sat.	10	**P** ·73	5 ·05	13
14	Wed.	10	11 ·81	20 ·93	9	14	Tues.	11	14 ·37	27 ·25	12	16	Sun.	11	1 ·80	6 ·13	14
15	Thur.	11	12 ·71	21 ·87	10	15	Wed.	12	**P** ·35	1 ·25	13	17	Mon.	12	2 ·89	7 ·23	15
16	Fri.	12	13 ·61	22 ·80	11	16	Thur.	13	1 ·34	2 ·26	14	18	Tues.	13	3 ·98	8 ·35	16
17	Sat.	13	14 ·51	23 ·74	12	17	Fri.	14	2 ·36	3 ·30	15	19	Wed.	14	... ...	9 ·45	17
18	Sun.	14	**P** ·42	24 ·68	13	18	Sat.	15	3 ·39	4 ·36	16	20	Thur.	15	4 ·06	10 ·55	18
19	Mon.	15	1 ·34	25 ·64	14	19	Sun.	16	4 ·45	5 ·44	17	21	Fri.	16	5 ·14	11 ·64	19
20	Tues.	16	2 ·29	26 ·61	15	20	Mon.	17	5 ·52	6 ·53	18	22	Sat.	17	6 ·20	12 ·72	20
21	Wed.	17	3 ·24	27 ·59	16	21	Tues.	18	6 ·61	7 ·63	19	23	Sun.	18	7 ·24	13 ·77	21
22	Thur.	18	4 ·21	1 ·61	17	22	Wed.	19	7 ·70	8 ·74	20	24	Mon.	19	8 ·26	14 ·81	22
23	Fri.	19	5 ·21	2 ·63	18	23	Thur.	20	8 ·78	9 ·85	21	25	Tues.	20	9 ·26	15 ·82	23
24	Sat.	20	6 ·22	3 ·68	19	24	Fri.	21	9 ·86	10 ·95	22	26	Wed.	21	10 ·25	16 ·81	24
25	Sun.	21	7 ·25	4 ·74	20	25	Sat.	22	10 ·92	... ...	23	27	Thur.	22	11 ·21	17 ·79	25
26	Mon.	22	8 ·30	5 ·83	21	26	Sun.	23	11 ·97	11 ·03	24	28	Fri.	23	12 ·16	18 ·74	26
27	Tues.	23	9 ·38	6 ·93	22	27	Mon.	24	12 ·99	12 ·10	25	—29	Sat.	24	13 ·09	19 ·70	27
28	Wed.	24	10 ·46	... ...	23	28	Tues.	25	13 ·99	13 ·14	26	1	Sun.	25	14 ·00	20 ·64	28
29	Thur.	25	11 ·55	7 ·04	24	29	Wed.	26	14 ·96	14 ·16	27				**A** ·91		
30	Fri.	26	12 ·63	8 ·15	25	—30	Thur.	27	—**A** ·92	15 ·17	28	2	Mon.	26	1 ·82	21 ·57	—29
—31	Sat.	27	13 ·70	9 ·25	26	1	Fri.	28	1 ·87	16 ·16	—29	3	Tues.	27	2 ·72	22 ·50	1
1	Sun.	28	14 ·76	10 ·34	27	2	Sat.	29	2 ·80	17 ·12	1	4	Wed.	28	3 ·62	23 ·43	2
2	Mon.	29	—**A** ·80	11 ·41	28	3	Sun.	30	3 ·72	18 ·08	2	5	Thur.	29	4 ·52	24 ·38	3
3	Tues.	30	1 ·83	12 ·48	—29	4	Mon.	31	4 ·63	19 ·02	3	6	Fri.	30	5 ·44	25 ·31	4
4	Wed.	31	2 ·82	13 ·51	1					20 ·96		7	Sat.	31	6 ·37	26 ·27	5

Yuva. **Karkataka—Ādi.** *Śukla.* *Bahula.* *H.* 550 *Jamāda'l awwal.*

Yuva. **Kanyā—Purattāsi.** *Śukla.* *Bahula.* *H.* 550 *Rajab.*

Yuva. **Vriśchika—Kārttigai.** *Śukla.* *Bahula.* *H.* 550 *Ramażān.*

Yuva. **Simha—Āvani.** *Śukla.* *Bahula.* *H.* 550 *Jamāda'l ākhir.*

Yuva. **Tulā—Aippasi.** *Śukla.* *Bahula.* *H.* 550 *Sha'bān.*

Yuva. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *H.* 550 *Shawwāl.*

Yuva. **Makara—Tai.** *Śukla.*

13. Hasta. 14. Chit. 15. Svāti. 16. Višāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1156. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·11.** **Śaka 1078.** **Kaliyuga 4257.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·06.** **(S. Cycle) Dhātri.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sun. 1	*Sukla.* 7 ·32	27 ·23	6	8	Thur. 1	8 ·54	... ...	6	8	Tues. 1	... ...	11 ·16	8
9	Mon. 2	8 ·28	1 ·22	7	9	Fri. 2	9 ·60	6 ·05	7	9	Wed. 2	10 ·06	12 ·25	9
10	Tues. 3	9 ·25	2 ·23	8	10	Sat. 3	10 ·67	7 ·13	8	10	Thur. 3	11 ·11	13 ·33	10
11	Wed. 4	10 ·25	3 ·25	9	11	Sun. 4	11 ·75	8 ·24	9	11	Fri. 4	12 ·15	14 ·39	11
12	Thur. 5	11 ·27	4 ·20	10	12	Mon. 5	12 ·84	9 ·34	10	12	Sat. 5	13 ·16	15 ·43	12
13	Fri. 6	12 ·31	5 ·35	11	13	Tues. 6	13 ·92	10 ·45	11	13	Sun. 6	14 ·16	16 ·44	13
14	Sat. 7	13 ·37	6 ·44	12	14	Wed. 7	14 ·99	11 ·56	12	14	Mon.○ 7	P ·13	17 ·44	14
15	Sun. 8	14 ·44	7 ·54	13	15	Thur. 8	... ...	12 ·64	13	15	Tues. 8	1 ·09	18 ·41	15
16	Mon. 9	P ·53	8 ·65	14	16	Fri. 9	P ·05	13 ·71	14	16	Wed. 9	2 ·03	19 ·37	16
17	Tues. 10	1 ·62	9 ·76	15	17	Sat. 10	1 ·09	14 ·76	15			3 ·96		
18	Wed. 11	2 ·70	10 ·86	16	18	Sun. 11	2 ·11	15 ·78	16	17	Thur. 10	4 ·86	20 ·33	17
19	Thur. 12	3 ·77	11 ·95	17	19	Mon. 12	3 ·10	16 ·80	17	18	Fri. 11	5 ·76	21 ·27	18
20	Fri. 13	4 ·84	... ...	18	20	Tues. 13	4 ·08	17 ·78	18	19	Sat. 12	6 ·66	22 ·20	19
21	Sat. 14	5 ·88	12 ·02	19			5 ·04			20	Sun. 13	7 ·56	23 ·13	20
22	Sun. 15	6 ·91	13 ·09	20	21	Wed. 14	6 ·99	18 ·75	19	21	Mon. 14	8 ·46	24 ·06	21
23	Mon. 16	7 ·91	14 ·13	21	22	Thur. 15	7 ·92	19 ·71	20				25 ·00	
24	Tues. 17	8 ·89	15 ·14	22	23	Fri. 16	8 ·83	20 ·65	21	22	Tues. 15	9 ·36	26 ·94	22
25	Wed. 18	9 ·85	16 ·14	23	24	Sat. 17	9 ·73	21 ·59	22	23	Wed. 16	10 ·27	27 ·89	23
26	Thur. 19	10 ·79	17 ·12	24	25	Sun. 18	10 ·63	22 ·52	23	24	Thur. 17	11 ·19	1 ·86	24
27	Fri. 20	11 ·72	18 ·09	25	26	Mon. 19	11 ·53	23 ·45	24	25	Fri. 18	12 ·13	2 ·84	25
			19 ·03		27	Tues. 20	12 ·43	24 ·38	25	26	Sat. 19	13 ·09	3 ·85	26
28	Sat. 21	12 ·64	20 ·98	26	28	Wed. 21	13 ·34	25 ·32	26	27	Sun. 20	14 ·06	4 ·87	27
29	Sun. 22	13 ·55	21 ·91	27	29	Thur. 22	14 ·25	26 ·26	27	28	Mon.● 21	—A ·05	5 ·91	28
—30	Mon. 23	14 ·45	22 ·84	28	—30	Fri. 23	—A ·17	27 ·23	28	29	Tues. 22	1 ·06	6 ·97	29
1	Tues. 24	—A ·35	23 ·78	29	1	Sat. 24	1 ·11	1 ·20	29	30	Wed. 23	2 ·10	... ...	—30
2	Wed. 25	1 ·25	24 ·71	—30	2	Sun. 25	2 ·07	2 ·19	—30	—31	Thur. 24	3 ·16	7 ·04	1
3	Thur. 26	2 ·16	25 ·65	1	3	Mon. 26	3 ·04	3 ·20	1	1	Fri. 25	4 ·23	8 ·14	2
4	Fri. 27	3 ·08	26 ·60	2	4	Tues. 27	4 ·03	4 ·23	2	2	Sat. 26	5 ·31	9 ·25	3
5	Sat. 28	4 ·00	27 ·56	3	5	Wed. 28	5 ·05	5 ·29	3	3	Sun. 27	6 ·39	10 ·36	4
		5 ·94			6	Thur. 29	6 ·09	6 ·35	4	4	Mon. 28	7 ·47	11 ·46	5
6	Sun. 29	6 ·91	1 ·55	4	7	Fri. 30	7 ·15	7 ·44	5	5	Tues. 29	8 ·54	12 ·56	6
7	Mon. 30	7 ·89	2 ·55	5	8	Sat. 31	8 ·22	8 ·54	6	6	Wed. 30	9 ·60	13 ·64	7
8	Tues. 31	8 ·88	3 ·56	6						7	Thur. 31	10 ·63	14 ·70	8
	Feb.					**April.**					**June.**			
9	Wed. 1	*Sukla.* 9 ·89	4 ·60	7	9	Sun. 1	9 ·31	9 ·65	7	8	Fri. 1	11 ·65	15 ·74	9
10	Thur. 2	10 ·93	5 ·66	8	10	Mon. 2	10 ·39	10 ·76	8	9	Sat. 2	12 ·64	16 ·76	10
11	Fri. 3	11 ·99	6 ·74	9	11	Tues. 3	11 ·46	11 ·86	9	10	Sun. 3	13 ·61	17 ·76	11
12	Sat. 4	... ...	7 ·84	10	12	Wed. 4	12 ·53	12 ·95	10	11	Mon. 4	14 ·56	18 ·74	12
13	Sun. 5	12 ·07	8 ·94	11	13	Thur. 5	13 ·59	... ...	11	12	Tues. 5	P ·50	19 ·72	13
14	Mon. 6	13 ·15	... ...	12	14	Fri. 6	14 ·63	13 ·02	12	13	Wed. 6	1 ·43	20 ·66	14
15	Tues. 7	14 ·24	9 ·05	13	15	Sat. 7	P ·65	14 ·07	13	14	Thur. 7	2 ·34	21 ·61	15
16	Wed. 8	P ·32	10 ·15	14	16	Sun. 8	1 ·65	15 ·11	14	15	Fri. 8	3 ·24	22 ·54	16
17	Thur. 9	1 ·40	11 ·25	15	17	Mon. 9	2 ·63	16 ·12	15	16	Sat. 9	4 ·14	23 ·47	17
18	Fri. 10	2 ·46	12 ·34	16	18	Tues. 10	3 ·59	17 ·11	16			5 ·04		
19	Sat. 11	3 ·50	13 ·40	17	19	Wed. 11	4 ·52	18 ·08	17	17	Sun. 10	6 ·94	24 ·41	18
20	Sun. 12	4 ·53	14 ·44	18	20	Thur. 12	5 ·44	19 ·04	18	18	Mon. 11	7 ·84	25 ·35	19
21	Mon. 13	5 ·52	15 ·46	19				20 ·00		19	Tues. 12	8 ·75	26 ·28	20
22	Tues. 14	6 ·51	16 ·46	20	21	Fri. 13	6 ·36	21 ·93	19	20	Wed. 13	9 ·67	27 ·23	21
23	Wed. 15	7 ·47	17 ·45	21	22	Sat. 14	7 ·26	22 ·86	20	21	Thur. 14	10 ·61	1 ·19	22
24	Thur. 16	8 ·41	18 ·42	22	23	Sun. 15	8 ·16	23 ·79	21	22	Fri. 15	11 ·56	2 ·17	23
25	Fri. 17	9 ·33	19 ·37	23			9 ·06			23	Sat. 16	12 ·54	3 ·17	24
26	Sat. 18	10 ·25	20 ·31	24	24	Mon. 16	10 ·96	24 ·72	22	24	Sun. 17	13 ·53	4 ·18	25
27	Sun. 19	11 ·16	21 ·25	25	25	Tues. 17	11 ·86	25 ·66	23	25	Mon. 18	14 ·53	5 ·22	26
		12 ·06			26	Wed. 18	12 ·77	26 ·59	24	26	Tues. 19	—A ·57	6 ·27	27
28	Mon. 20	13 ·96	22 ·19	26	27	Thur. 19	13 ·70	27 ·56	25	27	Wed. 20	1 ·63	7 ·36	28
29	Tues. 21	14 ·86	23 ·11	27	28	Fri. 20	14 ·64	1 ·53	26	28	Thur. 21	2 ·70	8 ·45	—29
			24 ·05		29	Sat. 21	—A ·59	2 ·51	27	29	Fri. 22	3 ·78	9 ·55	1
—30	Wed. 22	—A ·77	25 ·98	28	30	Sun. 22	1 ·56	3 ·52	28	30	Sat. 23	4 ·87	10 ·66	2
1	Thur. 23	1 ·68	26 ·93	29	—31	Mon. 23	2 ·56	4 ·55	—29	31	Sun. 24	5 ·95	11 ·76	3
2	Fri. 24	2 ·60	27 ·90	—30	1	Tues. 24	3 ·57	5 ·60	1	—32	Mon. 25	... ...	12 ·86	4
3	Sat. 25	3 ·54	1 ·88	1	2	Wed. 25	4 ·61	6 ·66	2	1	Tues. 26	6 ·02	13 ·94	5
4	Sun. 26	4 ·50	2 ·86	2	3	Thur. 26	5 ·67	7 ·74	3	2	Wed. 27	7 ·07	... ...	6
5	Mon. 27	5 ·48	3 ·88	3	4	Fri. 27	6 ·74	8 ·84	4	3	Thur. 28	8 ·11	14 ·01	7
6	Tues. 28	6 ·47	4 ·91	4	5	Sat. 28	7 ·82	9 ·95	5	4	Fri. 29	9 ·13	15 ·06	8
7	Wed. 29	7 ·49	5 ·97	5	6	Sun. 29	8 ·90	... ...	6	5	Sat. 30	10 ·12	16 ·08	9
					7	Mon. 30	9 ·99	10 ·06	7					

Yuva. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Pūṣa.** *Sukla.* **Kumbha—Māśi.** *Bahula.* **Adhika Phālguna.** *Sukla.* **Phālguna.** *Bahula.* **Chaitra.** *Sukla.* **Mēsha—Chittirai.** *Dhātri.* *H.* 550 *Zi-l-hijja.* *Yuva.* **Mīna—Paṅguni.** *Bahula.* **Nīja Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Dhātri.* *H.* 550 *Zi-l-ka'da.* *Yuva.* **Vṛishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Sukla.* **Āni.** *Dhātri.* **Mithuna—Āni.** *H.* 551 *Muharram.* *H.* 551 *Safar.* *H.* 551 *Rabi-ul awwal.* *Rabi-ul ākhir.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1156. **Kollam 332,** { **N. Malabar—Aug.** **Hijra 551.** **Vikrama 1213.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 25.** **Bengal San. 562.**
P—Paurnimā. **(N. Cycle) Pramāthin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sun. 1	11 ·10	17 ·09	10	6	Sat. 1	P ·44	25 ·35	13	6	Thur. 1	2 ·25	5 ·80	15
7	Mon. 2	12 ·05 / 13 ·98	18 ·07	11	7	Sun. 2	1 ·34	26 ·29	14	7	Fri. 2	3 ·25	6 ·83	16
8	Tues. 3	14 ·91	19 ·05	12	8	Mon. 3	2 ·25	27 ·24	15	8	Sat. 3	4 ·27	7 ·88	17
9	Wed. 4	P ·82	20 ·00 / 21 ·94	13	9	Tues. 4	3 ·18	1 ·19	16	9	Sun. 4	5 ·32	8 ·97	18
10	Thur. 5	1 ·72	22 ·88	14	10	Wed. 5	4 ·12	2 ·16	17	10	Mon. 5	6 ·38	... .	19
11	Fri. 6	2 ·62	23 ·82	15	11	Thur. 6	5 ·08	3 ·14	18	11	Tues. 6	7 ·45	9 ·05	20
12	Sat. 7	3 ·52	24 ·75	16	12	Fri. 7	6 ·06	4 ·14	19	12	Wed. 7	8 ·53	10 ·15	21
13	Sun. 8	4 ·42	25 ·68	17	13	Sat. 8	7 ·06	5 ·17	20	13	Thur. 8	9 ·63	11 ·26	22
14	Mon. 9	5 ·33	26 ·62	18	14	Sun. 9	8 ·07	6 ·21	21	14	Fri. 9	10 ·71	12 ·37	23
15	Tues. 10	6 ·23	27 ·56	19	15	Mon. 10	9 ·11	7 ·27	22	15	Sat. 10	11 ·78	13 ·48	24
16	Wed. 11	7 ·15	1 ·53	20	16	Tues. 11	10 ·17	8 ·35	23	16	Sun. 11	12 ·84	14 ·56	25
17	Thur. 12	8 ·09	2 ·50	21	17	Wed. 12	11 ·24	9 ·44	24	17	Mon. 12	13 ·89	15 ·63	26
18	Fri. 13	9 ·04	3 ·49	22	18	Thur. 13	12 ·33	10 ·56	25	18	Tues. 13	14 ·91	16 ·68	27
19	Sat. 14	10 ·02	4 ·50	23	19	Fri. 14	13 ·42	11 ·67	26	19	Wed. 14	—A ·90	17 ·70	28
20	Sun. 15	11 ·01	5 ·53	24	20	Sat. 15	14 ·50	12 ·77	27	20	Thur. 15	1 ·89	18 ·71	29
21	Mon. 16	12 ·03	6 ·58	25	21	Sun. 16	—A ·57	13 ·86	28	21	Fri. 16	2 ·85	19 ·70	—30
22	Tues. 17	13 ·06	7 ·67	26	22	Mon. 17	1 ·62	14 ·94	29	22	Sat. 17	3 ·78	20 ·67	1
23	Wed. 18	14 ·11	8 ·75	27	23	Tues. 18	2 ·66	... ...	—30	23	Sun. 18	4 ·71	21 ·63	2
24	Thur. 19	—A ·19	9 ·85	28	24	Wed. 19	3 ·68	15 ·01	1	24	Mon. 19	5 ·63	22 ·58	3
25	Fri. 20	1 ·27	10 ·95	29	25	Thur. 20	4 ·68	16 ·05	2	25	Tues. 20	6 ·54	23 ·51	4
26	Sat. 21	2 ·35	... ...	—30	26	Fri. 21	5 ·67	17 ·06	3	26	Wed. 21	7 ·45	24 ·45	5
27	Sun. 22	3 ·43	11 ·06	1	27	Sat. 22	6 ·63	18 ·06	4	27	Thur. 22	8 ·35	25 ·38	6
28	Mon. 23	4 ·51	12 ·17	2	28	Sun. 23	7 ·56	19 ·04	5	28	Fri. 23	9 ·25	26 ·31	7
29	Tues. 24	5 ·57	13 ·25	3	29	Mon. 24	8 ·48	20 ·01 / 21 ·96	6	—29	Sat. 24	10 ·16	27 ·25	8
30	Wed. 25	6 ·61	14 ·32	4	30	Tues. 25	9 ·40	22 ·90	7	1	Sun. 25	11 ·07	1 ·19	9
—31	Thur. 26	7 ·61	15 ·37	5	—31	Wed. 26	10 ·31	23 ·83	8	2	Mon. 26	12 ·00 / 13 ·95	2 ·15	10
1	Fri. 27	8 ·60	16 ·40	6	1	Thur. 27	11 ·21	24 ·76	9	3	Tues. 27	14 ·91	3 ·12	11
2	Sat. 28	9 ·59	17 ·42	7	2	Fri. 28	12 ·11	25 ·69	10	4	Wed. 28	P ·90	4 ·11	12
3	Sun. 29	10 ·54	18 ·41	8	3	Sat. 29	13 ·01 / 14 ·91	26 ·64	11	5	Thur. 29	1 ·89	5 ·12	13
4	Mon. 30	11 ·48	19 ·38	9	4	Sun. 30	P ·83	27 ·57	12	6	Fri. 30	2 ·91	6 ·14	14
5	Tues. 31	12 ·41	20 ·34	10										
	Aug.					**Oct.**					**Dec.**			
6	Wed. 1	13 ·32	21 ·28	11	5	Mon. 1	1 ·76	1 ·52	13	7	Sat. 1	3 ·95	7 ·20	15
7	Thur. 2	14 ·22	22 ·23	12	6	Tues. 2	2 ·70	2 ·48	14	8	Sun. 2	... ...	8 ·27	16
8	Fri. 3	P ·12	23 ·16	13	7	Wed. 3	3 ·66	3 ·46	15	9	Mon. 3	4 ·01	9 ·35	17
9	Sat. 4	1 ·02 / 2 ·92	24 ·09	14	8	Thur. 4	4 ·64	4 ·47	16	10	Tues. 4	5 ·09	10 ·45	18
10	Sun. 5	3 ·82	25 ·02 / 26 ·95	15	9	Fri. 5	5 ·64	5 ·48	17	11	Wed. 5	6 ·17	11 ·56	19
11	Mon. 6	4 ·73	27 ·90	16	10	Sat. 6	6 ·66	6 ·52	18	12	Thur. 6	7 ·26	12 ·67	20
12	Tues. 7	5 ·66	1 ·86	17	11	Sun. 7	7 ·70	7 ·58	19	13	Fri. 7	8 ·35	13 ·78	21
13	Wed. 8	6 ·59	2 ·83	18	12	Mon. 8	8 ·75	8 ·65	20	14	Sat. 8	9 ·43	14 ·86	22
14	Thur. 9	7 ·54	3 ·82	19	13	Tues. 9	9 ·82	9 ·75	21	15	Sun. 9	10 ·49	15 ·94	23
15	Fri. 10	8 ·52	4 ·82	20	14	Wed. 10	10 ·91	10 ·86	22	16	Mon. 10	11 ·53	16 ·99	24
16	Sat. 11	9 ·51	5 ·84	21	15	Thur. 11	... ...	11 ·97	23	17	Tues. 11	12 ·55	... ...	25
17	Sun. 12	10 ·53	6 ·90	22	16	Fri. 12	11 ·00	... ...	24	18	Wed. 12	13 ·55	17 ·02	26
18	Mon. 13	11 ·57	7 ·95	23	17	Sat. 13	12 ·09	12 ·07	25	19	Thur. 13	14 ·53	18 ·04	27
19	Tues. 14	12 ·63	... ...	24	18	Sun. 14	13 ·16	13 ·16	26	20	Fri. 14	—A ·49	19 ·03	28
20	Wed. 15	13 ·70	8 ·05	25	19	Mon. 15	14 ·22	14 ·25	27	21	Sat. 15	1 ·43	20 ·01 / 21 ·96	—29
21	Thur. 16	14 ·79	9 ·15	26	20	Tues. 16	—A ·26	15 ·32	28	22	Sun. 16	2 ·36	22 ·91	1
22	Fri. 17	—A ·87	10 ·25	27	21	Wed. 17	1 ·29	16 ·36	—29	23	Mon. 17	3 ·27	23 ·86	2
23	Sat. 18	1 ·95	11 ·36	28	22	Thur. 18	2 ·28	17 ·38	1	24	Tues. 18	4 ·18	24 ·79	3
24	Sun. 19	... ...	12 ·47	—29	23	Fri. 19	3 ·26	18 ·38	2	25	Wed. 19	5 ·09 / 6 ·99	25 ·72	4
25	Mon. 20	2 ·02	13 ·56	1	24	Sat. 20	4 ·22	19 ·37	3	26	Thur. 20	7 ·89	26 ·65	5
26	Tues. 21	3 ·07	14 ·63	2	25	Sun. 21	5 ·16	20 ·34	4	27	Fri. 21	8 ·80	27 ·58	6
27	Wed. 22	4 ·11	15 ·69	3	26	Mon. 22	6 ·09	21 ·30	5	28	Sat. 22	9 ·72	1 ·53	7
28	Thur. 23	5 ·13	16 ·73	4	27	Tues. 23	7 ·00 / 8 ·91	22 ·24	6	29	Sun. 23	10 ·65	2 ·49	8
29	Fri. 24	6 ·13	17 ·74	5	28	Wed. 24	9 ·81	23 ·17	7	—30	Mon. 24	11 ·60	3 ·45	9
30	Sat. 25	7 ·11	18 ·73	6	29	Thur. 25	10 ·71	24 ·10	8	1	Tues. 25	12 ·56	4 ·44	10
—31	Sun. 26	8 ·06	19 ·71	7	—30	Fri. 26	11 ·61	25 ·04 / 26 ·97	9	2	Wed. 26	13 ·54	5 ·44	11
1	Mon. 27	9 ·00 / 10 ·93	20 ·67	8	1	Sat. 27	12 ·52	27 ·91	10	3	Thur. 27	14 ·53	6 ·47	12
2	Tues. 28	11 ·84	21 ·63	9	2	Sun. 28	13 ·44	1 ·86	11	4	Fri. 28	P ·56	7 ·51	13
3	Wed. 29	12 ·75	22 ·56	10	3	Mon. 29	14 ·37	2 ·81	12	5	Sat. 29	1 ·60	8 ·57	14
4	Thur. 30	13 ·65	23 ·50	11	4	Tues. ○ 30	P ·31	3 ·80	13	6	Sun. 30	2 ·66	9 ·66	15
5	Fri. 31	14 ·54	24 ·42	12	5	Wed. 31	1 ·27	4 ·79	14	7	Mon. 31	3 ·73	10 ·75	16

Dhātri. **Karkaṭaka—Ādi.** *Bahula.* **Āshādha.** *Śukla.* **Śrāvaṇa.** *Dhātri.* **Siṁha—Āvaṇi.** *Bahula.* **Bhād.** *Śukla.* *Dhātri.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Śukla.* *Dhātri.* **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Śukla.* *Dhātri.* **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *Śukla.* *Dhātri.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśīrsha.** *Śukla.* *Dhātri.* **Makara—Tai.** *Bahula.* **Pausha.**

H. 551 *Jamāda'l awwal.* H. 551 *Jamāda'l ākhir.* H. 551 *Rajab.* H. 551 *Rajab.* H. 551 *Ramazān.* H. 551 *Shā'bān.* H. 551 *Ramazān.* H. 551 *Shawwāl.* H. 551 *Zi-l-ḳa'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1157. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·36.** **Śaka 1079.** **Kaliyuga 4258.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·31.** **(S. Cycle) Īśvara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Tues.	1		11 ·86	17	8	Fri.	1	3 ·29	15 ·86	17	8	Wed.	1	5 ·40	21 ·63	19
9	Wed.	2	5 ·91	12 ·97	18	9	Sat.	2	4 ·36	16 ·93	18	9	Thur.	2	6 ·34	22 ·59	20
10	Thur.	3	6 ·99	... ...	19	10	Sun.	3	5 ·40	17 ·97	19	10	Fri.	3	7 ·27	23 ·54	21
11	Fri.	4	... ...	13 ·08	20	11	Mon.	4	6 ·41	... ...	20	11	Sat.	4	8 ·18	24 ·49	22
12	Sat.	5	7 ·07	14 ·17	21	12	Tues.	5	7 ·41	18 ·00	21				9 ·08		
13	Sun.	6	8 ·13	15 ·24	22	13	Wed.	6	8 ·38	19 ·01	22	12	Sun.	5	10 ·98	25 ·42	23
14	Mon.	7	9 ·17	16 ·30	23					20 ·00		13	Mon.	6	11 ·88	26 ·35	24
15	Tues.	8	10 ·19	17 ·35	24	14	Thur.	7	9 ·34	21 ·97	23	14	Tues.	7	12 ·78	27 ·28	25
16	Wed.	9	11 ·20	18 ·36	25	15	Fri.	8	10 ·28	22 ·93	24	15	Wed.	8	13 ·68	1 ·21	26
17	Thur.	10	12 ·17	19 ·36	26	16	Sat.	9	11 ·21	23 ·87	25	16	Thur.	9	14 ·59	2 ·16	27
18	Fri.	11	13 ·13	20 ·36	27	17	Sun.	10	12 ·12	24 ·80	26	17	Fri.	10	A ·51	3 ·11	28
19	Sat.	12	14 ·07	21 ·30	28				13 ·03			18	Sat.	11	1 ·45	4 ·08	29
			A ·00			18	Mon.	11	14 ·93	25 ·74	27	19	Sun.	12	2 ·41	5 ·06	—30
20	Sun.	13	1 ·92	22 ·26	29	19	Tues.	12	A ·83	26 ·67	28	20	Mon.	13	3 ·39	6 ·06	1
21	Mon.	14	2 ·83	23 ·20	—30	20	Wed.	13	1 ·73	27 ·60	29	21	Tues.	14	4 ·37	7 ·09	2
22	Tues.	15	3 ·73	24 ·13	1	21	Thur.	14	2 ·63	1 ·54	—30	22	Wed.	15	5 ·40	8 ·13	3
				25 ·06		22	Fri.	15	3 ·55	2 ·48	1	23	Thur.	16	6 ·44	9 ·19	4
23	Wed.	16	4 ·63	26 ·99	2	23	Sat.	16	4 ·48	3 ·44	2	24	Fri.	17	7 ·50	10 ·27	5
24	Thur.	17	5 ·53	27 ·93	3	24	Sun.	17	5 ·42	4 ·42	3	25	Sat.	18	8 ·56	11 ·36	6
25	Fri.	18	6 ·44	1 ·87	4	25	Mon.	18	6 ·37	5 ·41	4	26	Sun.	19	9 ·64	12 ·47	7
26	Sat.	19	7 ·36	2 ·82	5	26	Tues.	19	7 ·35	6 ·42	5	27	Mon.	20	10 ·73	13 ·58	8
27	Sun.	20	8 ·29	3 ·78	6	27	Wed.	20	8 ·35	7 ·45	6	28	Tues.	21	11 ·81	14 ·68	9
28	Mon.	21	9 ·23	4 ·76	7	28	Thur.	21	9 ·37	8 ·50	7	29	Wed.	22	12 ·87	15 ·78	10
—29	Tues.	22	10 ·19	5 ·76	8	29	Fri.	22	10 ·41	9 ·58	8	30	Thur.	23	13 ·93	16 ·85	11
1	Wed.	23	11 ·17	6 ·78	9	—30	Sat.	23	11 ·47	10 ·66	9	31	Fri.	24	14 ·97	17 ·91	12
2	Thur.	24	12 ·17	7 ·82	10	1	Sun.	24	12 ·54	11 ·76	10	—32	Sat.	25	P ·97	18 ·96	13
3	Fri.	25	13 ·20	8 ·88	11	2	Mon.	25	13 ·62	12 ·87	11	1	Sun.	26	1 ·96	19 ·98	14
4	Sat.	26	14 ·24	9 ·96	12	3	Tues.	26	14 ·70	13 ·97	12	2	Mon.	27	2 ·94	20 ·98	15
5	Sun.	27	P ·30	... ...	13	4	Wed.	27	P ·78	... ...	13	3	Tues.	28	3 ·89	21 ·96	16
6	Mon.	28	1 ·37	10 ·05	14	5	Thur.	28	1 ·85	14 ·07	14	4	Wed.	29	4 ·83	22 ·93	17
7	Tues.	29	2 ·46	11 ·16	15	6	Fri.	29	2 ·91	15 ·17	15	5	Thur.	30	5 ·76	23 ·89	18
8	Wed.	30	3 ·55	12 ·27	16	7	Sat.	30	3 ·95	16 ·24	16	6	Fri.	31	6 ·66	24 ·83	19
9	Thur.	31	4 ·68	13 ·38	17	8	Sun.	31	4 ·97	17 ·29	17						
	Feb.						**April.**						**June.**				
10	Fri.	1	5 ·70	14 ·47	18	9	Mon.	1	5 ·96	18 ·32	18	7	Sat.	1	7 ·56	25 ·76	20
11	Sat.	2	6 ·76	15 ·55	19	10	Tues.	2	6 ·94	19 ·33	19	8	Sun.	2	8 ·46	26 ·69	21
12	Sun.	3	7 ·80	16 ·52	20	11	Wed.	3	7 ·90	20 ·34	20	9	Mon.	3	9 ·36	27 ·62	22
13	Mon.	4	8 ·82	17 ·66	21	12	Thur.	4	8 ·83	21 ·30	21	10	Tues.	4	10 ·26	1 ·55	23
14	Tues.	5	9 ·82	18 ·68	22	13	Fri.	5	9 ·75	22 ·26	22	11	Wed.	5	11 ·16	2 ·50	24
15	Wed.	6	10 ·79	19 ·68	23	14	Sat.	6	10 ·66	23 ·21	23				12 ·07		
16	Thur.	7	11 ·75	20 ·66	24	15	Sun.	7	11 ·57	24 ·14	24	12	Thur.	6	13 ·99	3 ·45	25
17	Fri.	8	12 ·69	21 ·63	25	16	Mon.	8	12 ·47	25 ·08	25	13	Fri.	7	14 ·93	4 ·41	26
18	Sat.	9	13 ·62	22 ·57	26					26 ·01		14	Sat.	8	A ·89	5 ·38	27
19	Sun.	10	14 ·54	23 ·53	27	17	Tues.	9	13 ·37	27 ·94	26	15	Sun.	9	1 ·86	6 ·39	28
20	Mon.	11	A ·45	24 ·47	28	18	Wed.	10	14 ·27	1 ·88	27	16	Mon.	10	2 ·85	7 ·40	—29
21	Tues.	12	1 ·35	25 ·40	—29	19	Thur.	11	A ·17	2 ·82	28	17	Tues.	11	3 ·88	8 ·44	1
22	Wed.	13	2 ·25	26 ·32	1	20	Fri.	12	1 ·08	3 ·78	—29	18	Wed.	12	4 ·91	9 ·49	2
23	Thur.	14	3 ·15	27 ·27	2				2 ·01			19	Thur.	13	5 ·97	10 ·57	3
			4 ·05			21	Sat.	13	3 ·95	4 ·75	1	20	Fri.	14	... ...	11 ·67	4
24	Fri.	15	5 ·96	1 ·20	3	22	Sun.	14	4 ·91	5 ·73	2	21	Sat.	15	6 ·04	12 ·77	5
25	Sat.	16	6 ·90	2 ·15	4	23	Mon.	15	5 ·89	6 ·74	3	22	Sun.	16	7 ·12	13 ·88	6
26	Sun.	17	7 ·84	3 ·11	5	24	Tues.	16	6 ·88	7 ·76	4	23	Mon.	17	8 ·20	14 ·98	7
27	Mon.	18	8 ·80	4 ·09	6	25	Wed.	17	7 ·89	8 ·82	5	24	Tues.	18	9 ·28	... ...	8
28	Tues.	19	9 ·78	5 ·09	7	26	Thur.	18	8 ·93	9 ·88	6	25	Wed.	19	10 ·35	15 ·07	9
29	Wed.	20	10 ·78	6 ·10	8	27	Fri.	19	9 ·99	10 ·96	7	26	Thur.	20	11 ·40	16 ·16	10
—30	Thur.	21	11 ·80	7 ·13	9	28	Sat.	20	... ...	... ...	8	27	Fri.	21	12 ·44	17 ·23	11
1	Fri.	22	12 ·84	8 ·19	10	29	Sun.	21	10 ·07	11 ·06	9	28	Sat.	22	13 ·45	18 ·28	12
2	Sat.	23	13 ·90	9 ·26	11	30	Mon.	22	11 ·15	12 ·16	10	29	Sun.	23	14 ·44	19 ·30	13
3	Sun.	24	14 ·97	10 ·36	12	—31	Tues.	23	12 ·23	13 ·28	11	30	Mon.	24	P ·42	20 ·31	14
4	Mon.	25	... ...	11 ·46	13	1	Wed.	24	13 ·31	14 ·38	12	—31	Tues.	25	1 ·38	21 ·29	15
5	Tues.	26	P ·05	12 ·57	14	2	Thur.	25	14 ·38	15 ·48	13	1	Wed.	26	2 ·31	22 ·27	16
6	Wed.	27	1 ·14	13 ·67	15	3	Fri. ○	26	P ·44	16 ·55	14	2	Thur.	27	3 ·23	23 ·22	17
7	Thur.	28	2 ·22	14 ·77	16	4	Sat.	27	1 ·47	17 ·60	15	3	Fri.	28	4 ·14	24 ·16	18
						5	Sun.	28	2 ·48	18 ·64	16	4	Sat.	29	5 ·04	25 ·10	19
						6	Mon.	29	3 ·47	19 ·66	17				6 ·94		
						7	Tues.	30	4 ·45	20 ·66	18	5	Sun.	30	7 ·84	26 ·03	20
																27 ·97	

Dhātri. Makara—Tai. Bahula. Pausha. Śukla. Māgha. Dhātri. Kumbha—Māśi. Bahula. Phālguna. Śukla. Phālguna. Dhātri. Mīna—Paṅguni. Bahula. Phāl. Śukla. Chaitra. Īśvara. Mēsha—Chittirai. Bahula. Chaitra. Śukla. Vaiśākha. Īśvara. Mēsha—Chittirai. Bahula. Vaiśākha. Śukla. Jyeshtha. Īśvara. Vṛishabha—Vaigāśi. Bahula. Jyeshtha. Śukla. Āshādha. Īśvara. Mithuna—Āni. Bahula. Āshādha. Śukla. Āshādha.

H. 551 Zi-l-ka'da. H. 551 Zi-l-hijja. H. 552 Muharram. H. 552 Muharram. H. 552 Safar. H. 552 Rabi-ul awwal. H. 552 Rabi-ul awwal. H. 552 Rabi-ul ākhir. H. 552 Jamādā'l awwal.

Naksh:—1. Aśv. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1157. **Kollam 333,** { **N. Malabar—Aug.** **Hijra 552.** **Vikrama 1214.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences Feb. 13. **Bengal San. 563.**
P—Paurnimā. **(N. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	8 ·74	1 ·90	21	5	Sun.	1	11 ·36	8 ·38	24	6	Fri.	1	13 ·92	14 ·48	26
7	Tue.	2	9 ·64	2 ·83	22	6	Mon.	2	12 ·38	9 ·48	25	7	Sat.	2	... ...	15 ·59	27
8	Wed.	3	10 ·55	3 ·78	23	7	Tues.	3	13 ·42	10 ·49	26	8	Sun.	3	14 ·00	16 ·69	28
9	Thur.	4	11 ·47	4 ·74	24	8	Wed.	4	14 ·48	11 ·57	27	9	Mon.	4	—A ·08	17 ·77	29
10	Fri.	5	12 ·41	5 ·71	25	9	Thur.	5	—A ·56	12 ·67	28	10	Tues.	5	1 ·14	18 ·85	—30
11	Sat.	6	13 ·37	6 ·71	26	10	Fri.	6	1 ·64	13 ·77	29	11	Wed.	6	2 ·18	19 ·90	1
12	Sun.	7	14 ·34	7 ·72	27	11	Sat.	7	2 ·73	14 ·88	—30	12	Thur.	7	3 ·19	20 ·92	2
13	Mon.	8	—A ·34	8 ·75	28	12	Sun.	8	3 ·81	15 ·99	1	13	Fri.	8	4 ·19	21 ·93	3
14	Tues.	9	1 ·36	9 ·80	29	13	Mon.	9	4 ·88	... ...	2	14	Sat.	9	5 ·16	22 ·92	4
15	Wed.	10	2 ·39	10 ·87	—30	14	Tues.	10	*Sukla.* 5 ·94	16 ·08	3	15	Sun.	10	6 ·12	23 ·89	5
16	Thur.	11	3 ·45	11 ·97	1	15	Wed.	11	6 ·98	17 ·15	4				{ 7 ·06		
17	Fri.	12	*Sukla.* 4 ·52	... ...	2	16	Thur.	12	7 ·99	18 ·22	5	16	Mon.	11	{ 8 ·99	24 ·85	6
18	Sat.	13	5 ·61	12 ·07	3	17	Fri.	13	8 ·98	19 ·26	6	17	Tues.	12	9 ·91	25 ·79	7
19	Sun.	14	6 ·69	13 ·17	4	18	Sat.	14	9 ·96	20 ·28	7	18	Wed.	13	10 ·82	26 ·73	8
20	Mon.	15	7 ·77	14 ·28	5	19	Sun.	15	10 ·92	21 ·28	8	19	Thur.	14	11 ·72	27 ·66	9
21	Tues.	16	8 ·84	15 ·38	6	20	Mon.	16	11 ·86	22 ·26	9	20	Fri.	15	12 ·62	1 ·60	10
22	Wed.	17	9 ·90	16 ·48	7	21	Tues.	17	12 ·78	23 ·22	10	21	Sat.	16	13 ·52	2 ·53	11
23	Thur.	18	10 ·92	17 ·54	8	22	Wed.	18	13 ·69	24 ·17	11	22	Sun.	17	14 ·43	3 ·46	12
24	Fri.	19	11 ·93	18 ·59	9	23	Thur.	19	14 ·60	25 ·11	12	23	Mon.	18	P ·35	4 ·41	13
25	Sat.	20	12 ·93	19 ·62	10					26 ·05		24	Tues.	19	1 ·28	5 ·36	14
26	Sun.	21	13 ·90	20 ·63	11	24	Fri.	20	P ·50	27 ·98	13	25	Wed.	20	2 ·23	6 ·34	15
27	Mon.	22	14 ·86	21 ·63	12	25	Sat.	21	1 ·40	1 ·91	14	26	Thur.	21	3 ·19	7 ·33	16
28	Tues.	23	P ·80	22 ·60	13	26	Sun.	22	2 ·31	2 ·85	15	27	Fri.	22	4 ·17	8 ·34	17
29	Wed.	24	1 ·72	23 ·56	14	27	Mon.	23	3 ·22	3 ·79	16	28	Sat.	23	5 ·17	9 ·37	18
30	Thur.	25	2 ·63	24 ·50	15	28	Tues.	24	4 ·13	4 ·74	17	29	Sun.	24	6 ·20	10 ·41	19
31	Fri.	26	3 ·53	25 ·44	16	29	Wed.	25	5 ·05	5 ·70	18	—30	Mon.	25	7 ·24	11 ·49	20
—32	Sat.	27	4 ·43	26 ·37	17				{ 6 ·00			1	Tues.	26	8 ·30	12 ·58	21
1	Sun.	28	5 ·33	27 ·31	18	—30	Thur.	26	{ 7 ·96	6 ·68	19	2	Wed.	27	9 ·38	13 ·67	22
2	Mon.	29	6 ·23	1 ·24	19	1	Fri.	27	8 ·94	7 ·68	20	3	Thur.	28	10 ·47	14 ·78	23
3	Tues.	30	7 ·13	2 ·17	20	2	Sat.	28	9 ·93	8 ·70	21	4	Fri.	29	11 ·56	15 ·89	24
4	Wed.	31	{ 8 ·04	3 ·11	21	3	Sun.	29	10 ·96	9 ·74	22	5	Sat.	30	12 ·65	16 ·99	25
			{ 9 ·96			4	Mon.	30	... ...	10 ·80	23						
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	10 ·90	4 ·07	22	5	Tues.	1	11 ·00	11 ·87	24	6	Sun.	1	13 ·72	... ...	26
6	Fri.	2	11 ·86	5 ·05	23	6	Wed.	2	12 ·05	12 ·96	25	7	Mon.	2	14 ·77	17 ·08	27
7	Sat.	3	12 ·84	6 ·03	24	7	Thur.	3	13 ·13	... ...	26	8	Tues.	3	—A ·81	18 ·16	28
8	Sun.	4	13 ·84	7 ·04	25	8	Fri.	4	14 ·22	13 ·08	27	9	Wed.	4	1 ·83	19 ·21	—29
9	Mon.	5	14 ·86	8 ·06	26	9	Sat.	5	—A ·31	14 ·18	28	10	Thur.	5	2 ·83	20 ·24	1
10	Tues.	6	—A ·90	9 ·11	27	10	Sun.	6	1 ·39	15 ·29	—29	11	Fri.	6	3 ·81	21 ·25	2
11	Wed.	7	1 ·96	10 ·19	28	11	Mon.	7	2 ·47	16 ·38	1	12	Sat.	7	4 ·77	22 ·25	3
12	Thur.	8	... ...	11 ·27	—29	12	Tues.	8	3 ·52	17 ·46	2	13	Sun.	8	*Sukla.* 5 ·71	23 ·23	4
13	Fri.	9	*Sukla.* 2 ·03	12 ·37	1	13	Wed.	9	4 ·56	18 ·53	3	14	Mon.	9	6 ·64	24 ·18	5
14	Sat.	10	3 ·11	13 ·47	2	14	Thur.	10	5 ·57	19 ·58	4	15	Tues.	10	7 ·56	25 ·13	6
15	Sun.	11	4 ·19	14 ·58	3	15	Fri.	11	*Sukla.* 6 ·56	20 ·60	5	16	Wed.	11	8 ·47	26 ·07	7
16	Mon.	12	5 ·27	15 ·69	4	16	Sat.	12	7 ·54	21 ·59	6					27 ·01	
17	Tues.	13	6 ·34	16 ·78	5	17	Sun.	13	8 ·50	22 ·59	7	17	Thur.	12	9 ·37	{ 1 ·94	8
18	Wed.	14	7 ·40	17 ·85	6	18	Mon.	14	9 ·44	23 ·55	8	18	Fri.	13	10 ·27	2 ·87	9
19	Thur.	15	8 ·43	18 ·91	7	19	Tues.	15	10 ·37	24 ·52	9	19	Sat.	14	11 ·17	3 ·80	10
20	Fri.	16	9 ·45	19 ·94	8	20	Wed.	16	11 ·29	25 ·46	10	20	Sun.	15	12 ·08	4 ·74	11
21	Sat.	17	10 ·44	20 ·96	9	21	Thur.	17	12 ·19	26 ·39	11	21	Mon.	16	{ 13 ·00	5 ·70	12
22	Sun.	18	11 ·41	21 ·95	10	22	Fri.	18	{ 13 ·09	27 ·32	12				{ 14 ·93		
23	Mon.	19	12 ·37	22 ·93	11				{ 14 ·99			22	Tues.	17	P ·87	6 ·67	13
24	Tues.	20	13 ·31	23 ·89	12	23	Sat. ○	19	P ·89	1 ·25	13	23	Wed.	18	1 ·83	7 ·63	14
25	Wed.	21	14 ·23	24 ·84	13	24	Sun.	20	1 ·81	2 ·19	14	24	Thur.	19	2 ·82	8 ·66	15
26	Thur.	22	P ·14	25 ·77	14	25	Mon.	21	2 ·73	3 ·13	15	25	Fri.	20	3 ·82	9 ·68	16
27	Fri.	23	{ 1 ·04	26 ·72	15	26	Tues.	22	3 ·66	4 ·08	16	26	Sat.	21	4 ·84	10 ·72	17
			{ 2 ·94			27	Wed.	23	4 ·60	5 ·03	17	27	Sun.	22	5 ·89	11 ·80	18
28	Sat.	24	3 ·84	27 ·64	16	28	Thur.	24	5 ·56	6 ·01	18	28	Mon.	23	6 ·95	12 ·88	19
29	Sun.	25	4 ·74	1 ·57	17	29	Fri.	25	6 ·54	7 ·01	19	—29	Tues.	24	... ...	13 ·97	20
30	Mon.	26	5 ·65	2 ·51	18	—30	Sat.	26	7 ·53	8 ·02	20	1	Wed.	25	7 ·02	... ...	21
—31	Tues.	27	6 ·57	3 ·45	19	1	Sun.	27	8 ·56	9 ·05	21	2	Thur.	26	8 ·11	14 ·07	22
1	Wed.	28	7 ·50	4 ·41	20	2	Mon.	28	9 ·61	10 ·10	22	3	Fri.	27	9 ·20	15 ·18	23
2	Thur.	29	8 ·44	5 ·38	21	3	Tues.	29	10 ·67	11 ·18	23	4	Sat.	28	10 ·29	16 ·30	24
3	Fri.	30	9 ·39	6 ·36	22	4	Wed.	30	11 ·74	12 ·26	24	5	Sun.	29	11 ·36	17 ·39	25
4	Sat.	31	10 ·37	7 ·36	23	5	Thur.	31	12 ·83	13 ·38	25	6	Mon.	30	12 ·42	18 ·46	26
												7	Tues.	31	13 ·46	19 ·52	27

Īśvara. **Karkaṭaka—Āḍi.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *H. 552 Jamādā'l ākhir.* *Īśvara.* **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H. 552 Rajab.* *Īśvara.* **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* *H. 552 Sha'bān.* *Īśvara.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H. 552 Ramazān.* *Īśvara.* **Vṛśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H. 552 Shawwāl.* *Īśvara.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H. 552 Zī-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1158. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·62.** **Śaka 1080.** **Kaliyuga 4259.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·57.** **(S. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	14 ·48	20 ·56	28	8	Sat. 1	14 ·58	24 ·18	28					
9	Thur. 2	—**A** ·48	21 ·58	29	9	Sun. 2	—**A** ·51	25 ·15	29	8	Thur. 1	1 ·09 2 ·99	4 ·43	—30
10	Fri. 3	1 ·45	22 ·58	—30	10	Mon. 3	1 ·42	26 ·09	—30	9	Fri. 2	3 ·90	5 ·37	1
11	Sat. 4	2 ·41	23 ·55	1				27 ·02		10	Sat. 3	4 ·83	6 ·33	2
12	Sun. 5	3 ·36	24 ·52	2	11	Tues. 4	2 ·32	1 ·95	1	11	Sun. 4	5 ·77	7 ·30	3
13	Mon. 6	4 ·29	25 ·47	3	12	Wed. 5	3 ·22	2 ·88	2	12	Mon. 5	6 ·73	8 ·28	4
14	Tues. 7	5 ·20	26 ·42	4	13	Thur. 6	4 ·12	3 ·82	3	13	Tues. 6	7 ·70	9 ·28	5
15	Wed. 8	6 ·11	27 ·35	5	14	Fri. 7	5 ·02	4 ·76	4	14	Wed. 7	8 ·70	10 ·30	6
16	Thur. 9	7 ·01 8 ·91	1 ·28	6	15	Sat. 8	6 ·93 7 ·85	5 ·70	5	15	Thur. 8	9 ·72	11 ·34	7
17	Fri. 10	9 ·81	2 ·21	7	16	Sun. 9	8 ·78	6 ·66	6	16	Fri. 9	10 ·76	12 ·41	8
18	Sat. 11	10 ·72	3 ·14	8	17	Mon. 10	9 ·72	7 ·63	7	17	Sat. 10	11 ·82	13 ·49	9
19	Sun. 12	11 ·64	4 ·08	9	18	Tues. 11	10 ·68	8 ·63	8	18	Sun. 11	12 ·89	14 ·58	10
20	Mon. 13	12 ·57	5 ·04	10	19	Wed. 12	11 ·66	9 ·64	9	19	Mon. 12	13 ·98	15 ·68	11
21	Tues. 14	13 ·51	6 ·00 7 ·98	11	20	Thur. 13	12 ·65	10 ·67	10	20	Tues. 13	... ...	16 ·79	12
22	Wed. 15	14 ·47	8 ·91	12	21	Fri. 14	13 ·68	11 ·72	11	21	Wed. 14	14 ·06	17 ·90	13
23	Thur. 16	**P** ·45	9 ·99	13	22	Sat. 15	14 ·72	12 ·79	12	22	Thur. 15	**P** ·14	... ...	14
24	Fri. 17	1 ·46	... ...	14	23	Sun. 16	**P** ·78	13 ·88	13	23	Fri. 16	1 ·20	18 ·00	15
25	Sat. 18	2 ·48	10 ·04	15	24	Mon. 17	1 ·86	14 ·98	14	24	Sat. 17	2 ·25	19 ·07	16
26	Sun. 19	3 ·53	11 ·10	16	25	Tues. 18	2 ·94	... ...	15	25	Sun. 18	3 ·29	20 ·13	17
27	Mon. 20	4 ·59	12 ·18	17	26	Wed. 19	... ...	15 ·09	16	26	Mon. 19	4 ·30	21 ·17	18
28	Tues. 21	5 ·67	13 ·27	18	27	Thur. 20	3 ·03	16 ·19	17	27	Tues. 20	5 ·29	22 ·20	19
—29	Wed. 22	6 ·75	14 ·37	19	28	Fri. 21	4 ·11	17 ·29	18	28	Wed. 21	6 ·26	23 ·21	20
1	Thur. 28	7 ·84	15 ·49	20	29	Sat. 22	5 ·18	18 ·38	19	29	Thur. 22	7 ·22	24 ·18	21
2	Fri. 24	8 ·92	16 ·60	21	30	Sun. 23	6 ·23	19 ·46	20	30	Fri. 23	8 ·15	25 ·15	22
3	Sat. 25	9 ·99	17 ·69	22	—31	Mon. 24	7 ·26	20 ·51	21	31	Sat. 24	9 ·07 10 ·97	26 ·10	23
4	Sun. 26	... ...	18 ·77	23	1	Tues. 25	8 ·27	21 ·54	22				27 ·05	
5	Mon. 27	10 ·05	19 ·83	24	2	Wed. 26	9 ·27	22 ·55	23	—32	Sun. 25	11 ·87	1 ·98	24
6	Tues. 28	11 ·09	20 ·88	25	3	Thur. 27	10 ·24	23 ·54	24	1	Mon. 26	12 ·77	2 ·91	25
7	Wed. 29	12 ·11	21 ·90	26	4	Fri. 28	11 ·20	24 ·52	25	2	Tues. 27	13 ·67	3 ·84	26
8	Thur. 30	13 ·10	22 ·90	27	5	Sat. 29	12 ·14	25 ·52	26	3	Wed. 28	14 ·57	4 ·77	27
9	Fri. 31	14 ·09	23 ·88	28	6	Sun. 30	13 ·06 14 ·97	26 ·43	27	4	Thur. 29	—**A** ·47	5 ·71	28
	Feb.				7	Mon. 31	—**A** ·87	27 ·36	28	5	Fri. 30	1 ·39	6 ·67	—29
						April.				6	Sat. 31	2 ·32	7 ·63	1
10	Sat. 1	**A** ·04 1 ·98	24 ·85	—29	8	Tues. 1	1 ·77	1 ·29	—29		**June.**			
11	Sun. 2	2 ·90	25 ·81	1	9	Wed. 2	2 ·67	2 ·23	1	7	Sun. 1	3 ·26	8 ·60	2
12	Mon. 3	3 ·81	26 ·75	2	10	Thur. 3	3 ·57	3 ·16	2	8	Mon. 2	4 ·21	9 ·60	3
13	Tues. 4	4 ·72	27 ·69	3	11	Fri. 4	4 ·47	4 ·10	3	9	Tues. 3	5 ·19	10 ·61	4
14	Wed. 5	5 ·63	1 ·61	4	12	Sat. 5	5 ·38	5 ·04 6 ·99	4	10	Wed. 4	6 ·18	11 ·66	5
15	Thur. 6	6 ·53	2 ·54	5	13	Sun. 6	6 ·32	7 ·97	5	11	Thur. 5	7 ·20	12 ·71	6
16	Fri. 7	7 ·43	3 ·48	6	14	Mon. 7	7 ·26	8 ·95	6	12	Fri. 6	8 ·24	13 ·79	7
17	Sat. 8	8 ·33	4 ·42	7	15	Tues. 8	8 ·22	9 ·96	7	13	Sat. 7	9 ·30	14 ·88	8
18	Sun. 9	9 ·25	5 ·37	8	16	Wed. 9	9 ·20	10 ·98	8	14	Sun. 8	10 ·38	15 ·98	9
19	Mon. 10	10 ·18	6 ·33	9	17	Thur. 10	10 ·19	... ...	9	15	Mon. 9	11 ·46	... ...	10
20	Tues. 11	11 ·13	7 ·31	10	18	Fri. 11	11 ·22	11 ·03	10	16	Tues. 10	12 ·54	16 ·10	11
21	Wed. 12	12 ·09	8 ·30	11	19	Sat. 12	12 ·26	12 ·09	11	17	Wed. 11	13 ·62	17 ·20	12
22	Thur. 13	13 ·08	9 ·32	12	20	Sun. 13	13 ·32	13 ·18	12	18	Thur. 12	14 ·68	18 ·30	13
23	Fri. 14	14 ·07	10 ·35	13	21	Mon. 14	14 ·39	14 ·28	13	19	Fri. 13	**P** ·73	19 ·38	14
24	Sat. 15	**P** ·10	11 ·41	14	22	Tues. ○ 15	**P** ·47	15 ·38	14	20	Sat. 14	1 ·76	20 ·45	15
25	Sun. 16	1 ·14	12 ·48	15	23	Wed. 16	1 ·56	16 ·49	15	21	Sun. 15	2 ·78	21 ·50	16
26	Mon. 17	2 ·20	13 ·57	16	24	Thur. 17	2 ·64	17 ·59	16	22	Mon. 16	3 ·77	22 ·52	17
27	Tues. 18	3 ·28	14 ·68	17	25	Fri. 18	3 ·70	18 ·69	17	23	Tues. 17	4 ·74	23 ·53	18
28	Wed. 19	4 ·36	15 ·79	18	26	Sat. 19	4 ·75	19 ·77	18	24	Wed. 18	5 ·69	24 ·51	19
29	Thur. 20	5 ·45	16 ·89	19	27	Sun. 20	5 ·79	20 ·82	19	25	Thur. 19	6 ·62	25 ·48	20
—30	Fri. 21	6 ·53	17 ·99	20	28	Mon. 21	6 ·80	21 ·86	20	26	Fri. 20	7 ·54	26 ·44	21
1	Sat. 22	7 ·61	... ...	21	29	Tues. 22	7 ·80	22 ·87	21	27	Sat. 21	8 ·45	27 ·38	22
2	Sun. 23	8 ·66	18 ·08	22	—30	Wed. 23	8 ·76	23 ·88	22	28	Sun. 22	9 ·35	1 ·32	23
3	Mon. 24	9 ·69	19 ·15	23	1	Thur. 24	9 ·72	24 ·85	23	29	Mon. 23	10 ·25	2 ·25	24
4	Tues. 25	10 ·71	20 ·20	24	2	Fri. 25	10 ·66	25 ·81	24	30	Tues. 24	11 ·15	3 ·18	25
5	Wed. 26	11 ·70	21 ·22	25	3	Sat. 26	11 ·58	26 ·76	25	31	Wed. 25	12 ·05 13 ·95	4 ·11	26
6	Thur. 27	12 ·67	22 ·23	26	4	Sun. 27	12 ·49	27 ·70	26	—32	Thur. 26	14 ·86	5 ·05	27
7	Fri. 28	13 ·63	23 ·21	27	5	Mon. 28	13 ·39	1 ·64	27	1	Fri. 27	—**A** ·79	6 ·00 7 ·96	28
					6	Tues. 29	14 ·29	2 ·57	28	2	Sat. 28	1 ·78	8 ·93	29
					7	Wed. 30	—**A** ·19	3 ·50	29	3	Sun. 29	2 ·69	9 ·92	—30
										4	Mon. 30	3 ·67	10 ·94	

Īśvara. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *Śaka 1552 Zi-l-hijja.* *H. 563 Śafar.*

Īśvara. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *Śaka 1553 Muharram.* *H. 563 Rabī-ul awwal.*

Bahudhānya. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 563 Rabī-ul awwal.* *H. 563 Rabi-ul ākhir.*

Bahudhānya. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 563 Rabi-ul ākhir.* *H. 563 Jamāda'l awwal.*

Bahudhānya. **Mithuna—Ani.** *Śukla.* **Āshādha.** *Bahula.* *H. 563 Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1158. **Kollam 334,** { **N. Malabar—Aug.** **Hijra 553.** **Vikrama 1215.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 2.** **Bengal San. 564.**
P—Paurnimā. **(N. Cycle) Vṛisha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Tues.	1	4 ·66	11 ·96	2	5	Mon.	1	6 ·04	17 ·10	5	6	Sat.	1	8 ·48	23 ·14	7
6	Wed.	2	5 ·68	... ...	3	6	Tues.	2	7 ·12	18 ·20	6	7	Sun.	2	9 ·45	24 ·15	8
7	Thur.	3	6 ·72	12 ·02	4	7	Wed.	3	8 ·19	19 ·30	7	8	Mon.	3	10 ·40	25 ·13	9
8	Fri.	4	7 ·78	13 ·09	5	8	Thur.	4	9 ·24	20 ·38	8	9	Tues.	4	11 ·34	26 ·10	10
9	Sat.	5	8 ·85	14 ·18	6	9	Fri.	5	10 ·28	21 ·44	9	10	Wed.	5	12 ·27	27 ·07	11
10	Sun.	6	9 ·93	15 ·28	7	10	Sat.	6	11 ·29	22 ·46	10						
11	Mon.	7	... ...	16 ·39	8	11	Sun.	7	12 ·29	23 ·49	11	11	Thur.	6	13 ·19	1 ·01	12
12	Tues.	8	10 ·02	17 ·50	9	12	Mon.	8	13 ·26	24 ·50	12					2 ·94	
13	Wed.	9	11 ·10	18 ·60	10	13	Tues.	9	14 ·21	25 ·48	13	12	Fri.	7	14 ·10	3 ·88	13
14	Thur.	10	12 ·17	19 ·69	11	14	Wed.	10	P ·15	26 ·44	14	13	Sat.	8	P ·00	4 ·81	14
15	Fri.	11	13 ·21	20 ·76	12	15	Thur.	11	1 ·07	27 ·39	15				1 ·90		
16	Sat.	12	14 ·24	21 ·81	13				2 ·99			14	Sun.	9	2 ·80	5 ·74	15
17	Sun.	13	P ·26	22 ·84	14	16	Fri.	12	3 ·90	1 ·33	16	15	Mon.	10	3 ·71	6 ·69	16
18	Mon.	14	1 ·24	23 ·85	15	17	Sat.	13	4 ·80	2 ·27	17	16	Tues.	11	4 ·63	7 ·63	17
19	Tues.	15	2 ·22	24 ·84	16	18	Sun.	14	5 ·70	3 ·20	18	17	Wed.	12	5 ·57	8 ·58	18
20	Wed.	16	3 ·17	25 ·81	17	19	Mon.	15	6 ·60	4 ·13	19	18	Thur.	13	6 ·51	9 ·55	19
21	Thur.	17	4 ·11	26 ·77	18	20	Tues.	16	7 ·50	5 ·06	20	19	Fri.	14	7 ·47	10 ·54	20
22	Fri.	18	5 ·03	27 ·72	19	21	Wed.	17	8 ·41	6 ·00	21	20	Sat.	15	8 ·46	11 ·56	21
			6 ·94							7 ·96		21	Sun.	16	9 ·47	12 ·59	22
23	Sat.	19	7 ·84	1 ·66	20	22	Thur.	18	9 ·34	8 ·92	22	22	Mon.	17	10 ·49	13 ·63	23
24	Sun.	20	8 ·74	2 ·59	21	23	Fri.	19	10 ·28	9 ·90	23	23	Tues.	18	11 ·53	14 ·70	24
25	Mon.	21	9 ·64	3 ·51	22	24	Sat.	20	11 ·25	10 ·90	24	24	Wed.	19	12 ·59	15 ·79	25
26	Tues.	22	10 ·54	4 ·46	23	25	Sun.	21	12 ·23	11 ·91	25	25	Thur.	20	13 ·67	16 ·89	26
27	Wed.	23	11 ·44	5 ·39	24	26	Mon.	22	13 ·24	12 ·95	26	26	Fri.	21	14 ·76	... ...	27
28	Thur.	24	12 ·35	6 ·33	25	27	Tues.	23	14 ·26	... ...	27	27	Sat.	22	A ·85	17 ·00	28
29	Fri.	25	13 ·28	7 ·29	26	28	Wed.	24	A ·30	13 ·02	28	28	Sun.	23	1 ·93	18 ·11	29
30	Sat.	26	14 ·23	8 ·26	27	29	Thur.	25	1 ·36	14 ·09	29	29	Mon.	24	... ...	19 ·21	1
31	Sun.	27	A ·18	9 ·25	28	30	Fri.	26	2 ·44	15 ·19	1	30	Tues.	25	2 ·01	20 ·30	2
1	Mon.	28	1 ·16	10 ·26	29	1	Sat.	27	3 ·53	16 ·29	2	1	Wed.	26	3 ·07	21 ·38	3
2	Tues.	29	2 ·15	11 ·28	1	2	Sun.	28	4 ·62	17 ·39	3	2	Thur.	27	4 ·10	22 ·43	4
3	Wed.	30	3 ·18	12 ·33	2	3	Mon.	29	5 ·70	18 ·51	4	3	Fri.	28	5 ·13	23 ·46	5
4	Thur.	31	4 ·22	13 ·40	3	4	Tues.	30	6 ·76	19 ·60	5	4	Sat.	29	6 ·11	24 ·47	6
												5	Sun.	30	7 ·09	25 ·46	7
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	5 ·28	14 ·49	4	5	Wed.	1	7 ·82	20 ·69	6	6	Mon.	1	8 ·05	26 ·44	8
6	Sat.	2	6 ·35	15 ·59	5	6	Thur.	2	8 ·86	21 ·75	7				9 ·99		
7	Sun.	3	7 ·43	16 ·69	6	7	Fri.	3	9 ·87	22 ·79	8	7	Tues.	2	10 ·91	27 ·40	9
8	Mon.	4	8 ·52	17 ·80	7	8	Sat.	4	10 ·87	23 ·82	9	8	Wed.	3	11 ·83	1 ·35	10
9	Tues.	5	9 ·60	18 ·90	8	9	Sun.	5	11 ·84	24 ·82	10	9	Thur.	4	12 ·74	2 ·29	11
10	Wed.	6	10 ·66	... ...	9	10	Mon.	6	12 ·80	25 ·81	11	10	Fri.	5	13 ·64	3 ·22	12
11	Thur.	7	11 ·71	19 ·00	10	11	Tues.	7	13 ·73	26 ·77	12	11	Sat.	6	14 ·54	4 ·14	13
12	Fri.	8	12 ·75	20 ·07	11	12	Wed.	8	14 ·66	27 ·72	13	12	Sun.	7	P ·45	5 ·09	14
13	Sat.	9	13 ·76	21 ·13	12	13	Thur.	9	P ·57	1 ·68	14					6 ·02	
14	Sun.	10	14 ·75	22 ·16	13	14	Fri.	10	1 ·47	2 ·61	15	13	Mon.	8	1 ·36	7 ·96	15
15	Mon.	11	P ·72	23 ·17	14	15	Sat.	11	2 ·37	3 ·54	16	14	Tues.	9	2 ·27	8 ·92	16
16	Tues.	12	1 ·67	24 ·16	15	16	Sun.	12	3 ·27	4 ·47	17	15	Wed.	10	3 ·20	9 ·88	17
17	Wed.	13	2 ·61	25 ·15	16	17	Mon.	13	4 ·18	5 ·40	18	16	Thur.	11	4 ·15	10 ·88	18
18	Thur.	14	3 ·53	26 ·11	17	18	Tues.	14	5 ·09	6 ·34	19	17	Fri.	12	5 ·12	11 ·88	19
				27 ·06					6 ·01			18	Sat.	13	6 ·11	12 ·90	20
19	Fri.	15	4 ·45	1 ·99	18	19	Wed.	15	7 ·94	7 ·29	20	19	Sun.	14	7 ·11	13 ·94	21
20	Sat.	16	5 ·35	2 ·92	19	20	Thur.	16	8 ·88	8 ·25	21	20	Mon.	15	8 ·13	... ...	22
21	Sun.	17	6 ·25	3 ·86	20	21	Fri.	17	9 ·85	9 ·23	22	21	Tues.	16	9 ·17	14 ·01	23
22	Mon.	18	7 ·15	4 ·79	21	22	Sat.	18	10 ·83	10 ·22	23	22	Wed.	17	10 ·24	15 ·10	24
			8 ·05			23	Sun.	19	11 ·84	11 ·22	24	23	Thur.	18	11 ·32	16 ·19	25
23	Tues.	19	9 ·95	5 ·73	22	24	Mon.	20	12 ·86	12 ·27	25	24	Fri.	19	12 ·40	17 ·29	26
24	Wed.	20	10 ·87	6 ·67	23	25	Tues.	21	13 ·90	13 ·32	26	25	Sat.	20	13 ·50	18 ·40	27
25	Thur.	21	11 ·80	7 ·62	24	26	Wed.	22	14 ·97	14 ·40	27	26	Sun.	21	14 ·59	19 ·51	28
26	Fri.	22	12 ·74	8 ·60	25	27	Thur.	23	... ...	15 ·49	28	27	Mon.	22	A ·66	20 ·61	29
27	Sat.	23	13 ·70	9 ·58	26	28	Fri.	24	A ·05	16 ·59	29	28	Tues.	23	1 ·72	21 ·68	30
28	Sun.	24	14 ·68	10 ·58	27	29	Sat.	25	1 ·13	17 ·70	30	29	Wed.	24	2 ·76	22 ·74	1
29	Mon.	25	A ·67	11 ·60	28	30	Sun.	26	2 ·21	18 ·81	1	1	Thur.	25	3 ·77	23 ·78	2
30	Tues.	26	1 ·70	12 ·64	29	1	Mon.	27	3 ·30	19 ·91	2	2	Fri.	26	4 ·76	24 ·79	3
31	Wed.	27	2 ·74	13 ·70	30	2	Tues.	28	4 ·38	20 ·99	3	3	Sat.	27	5 ·74	25 ·79	4
1	Thur.	28	3 ·80	14 ·79	1	3	Wed.	29	5 ·43	... ...	4	4	Sun.	28	6 ·69	26 ·77	5
2	Fri.	29	4 ·85	15 ·89	2	4	Thur.	30	6 ·47	21 ·05	5	5	Mon.	29	7 ·63	27 ·74	6
3	Sat.	30	5 ·96	16 ·99	3	5	Fri.	31	7 ·49	22 ·12	6	6	Tues.	30	8 ·56	1 ·68	7
4	Sun.	31	... ...	... ...	4							7	Wed.	31	9 ·48	2 ·62	8

Bahudhānya. **Karkaṭaka—Ādi.** *Sukla.* **Adhika Śrāvaṇa.** *Bahula.* *Bahudhānya.* **Siṃha—Āvaṇi.** *Sukla.* **Nija Śrāvaṇa.** *Bahula.* *Bahudhānya.* **Kanyā—Puraṭṭāsi.** *Sukla.* **Bhādrapada.** *Bahula.* *Bahudhānya.* **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* *Bahudhānya.* **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* *Bahudhānya.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśīrsha.** *Sukla.*

H. 553 Jamāda'l ākhir. *H. 553 Rajab.* *H. 553 Sha'bān.* *H. 553 Ramazān.* *H. 553 Shawwāl.* *H. 553 Z.-l-ka'da.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab·

A.D. 1159. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·88.** **Śaka 1081.** **Kaliyuga 4260.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·83.** **(S. Cycle) Pramāthin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Thur. 1	*Śukla.* 10 ·38	3 ·56	9	8	Sun. 1	10 ·22	8 ·92	8	7	Fri. 1	12 ·08	14 ·56	10
9	Fri. 2	11 ·28	4 ·50	10	9	Mon. 2	11 ·14	9 ·88	9	8	Sat. 2	13 ·06	15 ·62	11
10	Sat. 3	12 ·18	5 ·43	11	10	Tues. 3	12 ·07	10 ·85	10	9	Sun. 3	14 ·09	16 ·71	12
11	Sun. 4	13 ·09	6 ·36	12	11	Wed. 4	13 ·01 / 14 ·98	11 ·84	11	10	Mon. 4	P ·15	17 ·80	13
12	Mon. 5	14 ·00 / P ·92	7 ·30	13	12	Thur. 5	P ·96	12 ·85	12	11	Tues. 5	1 ·23	18 ·90	14
13	Tues. 6	1 ·85	8 ·25	14	13	Fri. 6	1 ·97	13 ·88	13	12	Wed. 6	2 ·31	... ...	15
14	Wed. 7	2 ·79	9 ·22	15	14	Sat. 7	2 ·99	14 ·94	14	13	Thur. 7	3 ·39	19 ·01	16
15	Thur. 8	3 ·76	10 ·20	16	15	Sun. 8	... ...	... ...	15	14	Fri. 8	4 ·47	20 ·11	17
16	Fri. 9	4 ·75	11 ·20	17	16	Mon. 9	3 ·04	15 ·01	16	15	Sat. 9	5 ·54	21 ·22	18
17	Sat. 10	5 ·75	12 ·22	18	17	Tues. 10	4 ·09	16 ·09	17	16	Sun. 10	6 ·59	22 ·29	19
18	Sun. 11	6 ·77	13 ·25	19	18	Wed. 11	5 ·16	17 ·19	18	17	Mon. 11	7 ·61	23 ·36	20
19	Mon. 12	7 ·82	14 ·32	20	19	Thur. 12	6 ·25	18 ·31	19	18	Tues. 12	8 ·63	24 ·39	21
20	Tues. 13	8 ·89	15 ·43	21	20	Fri. 13	7 ·34	19 ·41	20	19	Wed. 13	9 ·61	25 ·41	22
21	Wed. 14	9 ·96	16 ·49	22	21	Sat. 14	8 ·42	20 ·51	21	20	Thur. 14	10 ·58	26 ·41	23
22	Thur. 15	... ...	17 ·59	23	22	Sun. 15	9 ·49	21 ·60	22	21	Fri. 15	11 ·53	27 ·40	24
23	Fri. 16	10 ·05	18 ·70	24	23	Mon. 16	10 ·55	22 ·67	23	22	Sat. 16	12 ·47	1 ·36	25
24	Sat. 17	11 ·14	19 ·81	25	24	Tues. 17	11 ·58	23 ·73	24	23	Sun. 17	13 ·39	2 ·32	26
25	Sun. 18	12 ·22	20 ·91	26	25	Wed. 18	12 ·60	24 ·76	25	24	Mon. 18	14 ·29	3 ·26	27
26	Mon. 19	13 ·30	21 ·99	27	26	Thur. 19	13 ·58	25 ·77	26	25	Tues. 19	A ·19	4 ·19	28
27	Tues. 20	14 ·36	... ...	28	27	Fri. 20	14 ·55	26 ·76	27	26	Wed. 20	1 ·09 / 2 ·99	5 ·13	29
28	Wed. 21	A ·40	22 ·05	29	28	Sat. 21	A ·51	27 ·73	28	27	Thur. 21	3 ·89	6 ·06 / 7 ·99	1
29	Thur. 22	1 ·41	23 ·09	30	29	Sun. 22	1 ·44	1 ·70	29	28	Fri. 22	4 ·80	8 ·93	2
30	Fri. 23	2 ·40	24 ·11	1	30	Mon. 23	2 ·36	2 ·64	1	29	Sat. 23	5 ·71	9 ·88	3
31	Sat. 24	3 ·37	25 ·12	2	31	Tues. 24	3 ·27	3 ·58	2	30	Sun. 24	6 ·63	10 ·85	4
1	Sun. 25	4 ·32	26 ·10	3	1	Wed. 25	4 ·17	4 ·51	3	31	Mon. 25	7 ·57	11 ·82	5
2	Mon. 26	*Śukla.* 5 ·26	27 ·07	4	2	Thur. 26	5 ·07 / 6 ·97	5 ·44	4	1	Tues. 26	8 ·53	12 ·82	6
3	Tues. 27	6 ·19	1 ·02 / 2 ·98	5	3	Fri. 27	7 ·87	6 ·37	5	2	Wed. 27	9 ·52	13 ·83	7
4	Wed. 28	7 ·11	3 ·90	6	4	Sat. 28	8 ·78	7 ·32	6	3	Thur. 28	10 ·52	14 ·87	8
5	Thur. 29	8 ·01 / 9 ·91	4 ·83	7	5	Sun. 29	9 ·70	8 ·26	7	4	Fri. 29	11 ·54	15 ·93	9
6	Fri. 30	10 ·81	5 ·76	8	6	Mon. 30	10 ·62	9 ·21	8	5	Sat. 30	12 ·58	... ...	10
7	Sat. 31	11 ·71	6 ·70	9	7	Tues. 31	11 ·57	10 ·18	9	6	Sun. 31	13 ·64	16 ·01	11
	Feb.					**April.**					**June.**			
9	Sun. 1	12 ·62	7 ·63	10	8	Wed. 1	12 ·53	11 ·16	10	7	Mon. 1	14 ·71	17 ·10	12
10	Mon. 2	*Bahula.* 13 ·54	8 ·59	11	9	Thur. 2	13 ·51	12 ·18	11	8	Tues. 2	P ·79	18 ·20	13
11	Tues. 3	14 ·47	9 ·55	12	10	Fri. 3	14 ·52	13 ·20	12	9	Wed. 3	1 ·88	19 ·31	14
12	Wed. 4	P ·42	10 ·53	13	11	Sat. 4	P ·54	14 ·25	13	10	Thur. 4	2 ·95	20 ·42	15
13	Thur. 5	1 ·39	11 ·52	14	12	Sun. 5	1 ·58	15 ·31	14	11	Fri. 5	... ...	21 ·52	16
14	Fri. 6	2 ·37	12 ·53	15	13	Mon. 6	2 ·64	16 ·39	15	12	Sat. 6	3 ·02	22 ·60	17
15	Sat. 7	3 ·38	13 ·56	16	14	Tues. 7	3 ·72	17 ·50	16	13	Sun. 7	4 ·07	23 ·67	18
16	Sun. 8	4 ·40	14 ·63	17	15	Wed. 8	4 ·80	18 ·61	17	14	Mon. 8	5 ·10	24 ·71	19
17	Mon. 9	5 ·44	15 ·70	18	16	Thur. 9	5 ·89	19 ·71	18	15	Tues. 9	6 ·11	25 ·73	20
18	Tues. 10	6 ·50	16 ·79	19	17	Fri. 10	6 ·97	20 ·81	19	16	Wed. 10	7 ·10	26 ·74	21
19	Wed. 11	7 ·58	17 ·89	20	18	Sat. 11	... ...	21 ·90	20	17	Thur. 11	8 ·06	27 ·73	22
20	Thur. 12	*Bahula.* 8 ·67	... ...	21	19	Sun. 12	7 ·03	22 ·99	21	18	Fri. 12	9 ·01 / 10 ·95	1 ·70	23
21	Fri. 13	9 ·76	18 ·00	22	20	Mon. 13	8 ·08	... ...	22	19	Sat. 13	11 ·87	2 ·65	24
22	Sat. 14	10 ·84	19 ·12	23	21	Tues. 14	9 ·11	23 ·04	23	20	Sun. 14	12 ·77	3 ·59	25
23	Sun. 15	11 ·91	20 ·21	24	22	Wed. 15	10 ·13	24 ·08	24	21	Mon. 15	13 ·67	4 ·54	26
24	Mon. 16	12 ·96	21 ·30	25	23	Thur. 16	11 ·11	25 ·09	25	22	Tues. 16	14 ·57	5 ·47	27
25	Tues. 17	... ...	22 ·36	26	24	Fri. 17	12 ·09	26 ·09	26	23	Wed. 17	A ·46	6 ·40	28
26	Wed. 18	13 ·00	23 ·41	27	25	Sat. 18	13 ·04 / 14 ·97	27 ·07	27	24	Thur. 18	1 ·36	7 ·33	29
27	Thur. 19	14 ·02	24 ·44	28						25	Fri. 19	2 ·27	8 ·26	30
28	Fri. 20	A ·02 / 1 ·98	25 ·45	29	26	Sun. 19	A ·89	1 ·08 / 2 ·97	28	26	Sat. 20	3 ·18	9 ·22	1
29	Sat. 21	2 ·93	26 ·43	30	27	Mon. 20	1 ·80	3 ·92	29	27	Sun. 21	4 ·11	10 ·18	2
1	Sun. 22	3 ·87	27 ·40	1	28	Tues. 21	2 ·70	4 ·85	30	28	Mon. 22	5 ·05	11 ·15	3
2	Mon. 23	4 ·80	1 ·36	2	29	Wed. 22	3 ·60	5 ·78	1	29	Tues. 23	6 ·01 / 7 ·99	12 ·14	4
3	Tues. 24	5 ·71	2 ·30	3	30	Thur. 23	4 ·50	6 ·72	2	30	Wed. 24	8 ·99	13 ·15	5
4	Wed. 25	6 ·61	3 ·23	4	31	Fri. 24	5 ·40	7 ·65	3	31	Thur. 25	... ...	14 ·19	6
5	Thur. 26	7 ·51	4 ·17	5	1	Sat. 25	6 ·30	8 ·59	4	Aśh.	Fri. 26	9 ·02	15 ·24	7
6	Fri. 27	8 ·41	5 ·11	6	2	Sun. 26	7 ·21	9 ·54	5	1	Sat. 27	10 ·06	16 ·31	8
7	Sat. 28	9 ·31	6 ·03 / 7 ·98	7	3	Mon. 27	8 ·14	10 ·51	6	2	Sun. 28	11 ·12	17 ·40	9
					4	Tues. 28	9 ·08	11 ·50	7	3	Mon. 29	12 ·19	18 ·50	10
					5	Wed. 29	10 ·04	12 ·50	8	4	Tues. 30	13 ·27	19 ·61	11
					6	Thur. 30	11 ·03	13 ·52	9					

Bahudhānya. **Makara—Tai.** *Bahudhānya.* **Kumbha—Māsi.** *Pramāthin.* **Mīna—Pāṅguni.** *Pramāthin.* **Mēsha—Chittirai.** *Pramāthin.* **Vṛishabha—Vaigāsi.** *Pramāthin.* **Mithuna—Āni.**

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1159. **Kollam 335.** {**N. Malabar—Aug.** / **S. Malabar—July.**} **Hijra 554.** **Vikrama 1216.**
A—Amāvāsyā. Commences Commences Jan. 23. **Bengal San. 565.**
P—Paurnimā. **(N. Cycle) Chitrabhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Bahula. **Āshāḍha.**						*Bahula.* **Bhād.**								
Pramāthin. **Karkaṭaka—Ādi.**						*Pramāthin.* **Kanyā—Purattāsi.**					*H. 554 Ṣha'bān.*	*Pramāthin.* **Vṛiśchika—Kārttigai.**					*H. 554 Shawwāl.*
5	Wed.	1	14 ·36	20 ·72	12	5	Tues.	1	2 ·57	27 ·71	15	5	Sun.	1	4 ·28	6 ·10	17
6	Thur.	2	**P** ·44	21 ·82	13	6	Wed.	2	3 ·52	1 ·70	16	6	Mon.	2	5 ·18	7 ·03 8 ·96	18
7	Fri.	3	1 ·50	22 ·91	14	7	Thur.	3	4 ·46	2 ·66	17						
8	Sat.	4	2 ·54	23 ·97	15	8	Fri.	4	5 ·38	3 ·61	18	7	Tues.	3	6 ·08 7 ·99	9 ·89	19
9	Sun.	5	3 ·57	... ...	16	9	Sat.	5	6 ·29	4 ·55	19						
10	Mon.	6	4 ·59	24 ·02	17	10	Sun.	6	7 ·19	5 ·48	20	8	Wed.	4	8 ·91	10 ·85	20
11	Tues.	7	5 ·57	25 ·06	18							9	Thur.	5	9 ·85	11 ·80	21
12	Wed.	8	6 ·54	26 ·07	19	11	Mon.	7	8 ·09 9 ·99	6 ·41	21	10	Fri.	6	10 ·79	12 ·77	22
13	Thur.	9	7 ·50	27 ·06	20	12	Tues.	8	10 ·89	7 ·35	22	11	Sat.	7	11 ·76	13 ·76	23
14	Fri.	10	8 ·43	1 ·03 2 ·98	21	13	Wed.	9	11 ·79	8 ·28	23	12	Sun.	8	12 ·75	14 ·77	24
15	Sat.	11	9 ·34	3 ·94	22	14	Thur.	10	12 ·71	9 ·22	24	13	Mon.	9	13 ·75	15 ·81	25
16	Sun.	12	10 ·25	4 ·87	23	15	Fri.	11	13 ·64	10 ·17	25	14	Tues.	10	14 ·78	16 ·85	26
17	Mon.	13	11 ·15	5 ·80	24	16	Sat.	12	14 ·59	11 ·13	26	15	Wed.	11	—**A** ·82	17 ·92	27
18	Tues.	14	12 ·05 13 ·95	6 ·74	25	17	Sun.	13	—**A** ·55	12 ·12	27	16	Thur.	12	1 ·89	... ...	28
19	Wed.	15	14 ·85	7 ·67	26	18	Mon.	14	1 ·54	13 ·12	28	17	Fri.	13	2 ·97	18 ·01	—29
20	Thur.	16	—**A** ·75	8 ·55	27	19	Tues.	15	2 ·54	14 ·13	—29	18	Sat.	14	... ...	19 ·10	1
21	Fri.	17	1 ·66	9 ·55	28	20	Wed.	16	3 ·56	15 ·17	1	19	Sun.	15	3 ·06	20 ·22	2
22	Sat.	18	2 ·59	10 ·51	—29	21	Thur.	17	4 ·61	16 ·23	2	20	Mon.	16	4 ·15	21 ·33	3
23	Sun.	19	3 ·54	11 ·48	1	22	Fri.	18	5 ·67	17 ·31	3	21	Tues.	17	5 ·23	22 ·43	4
24	Mon.	20	4 ·50	12 ·46	2	23	Sat.	19	6 ·75	18 ·45	4	22	Wed.	18	6 ·30	23 ·52	5
25	Tues.	21	5 ·47	13 ·48	3	24	Sun.	20	7 ·83	19 ·51	5	23	Thur.	19	7 ·35	24 ·59	6
26	Wed.	22	6 ·48	14 ·50	4	25	Mon.	21	8 ·93	20 ·62	6	24	Fri.	20	8 ·39	25 ·65	7
27	Thur.	23	7 ·50	15 ·55	5	26	Tues.	22	... ...	21 ·73	7	25	Sat.	21	9 ·41	26 ·68	8
28	Fri.	24	8 ·55	16 ·62	6	27	Wed.	23	9 ·01	22 ·83	8	26	Sun.	22	10 ·40	27 ·69	9
29	Sat.	25	9 ·61	17 ·70	7	28	Thur.	24	10 ·08	23 ·91	9	27	Mon.	23	11 ·37	1 ·68	10
30	Sun.	26	10 ·68	18 ·80	8	29	Fri.	25	11 ·13	24 ·97	10	28	Tues.	24	12 ·33	2 ·65	11
—31	Mon.	27	11 ·76	19 ·90	9	30	Sat.	26	12 ·16	... ...	11	—29	Wed.	25	13 ·27	3 ·62	12
1	Tues.	28	12 ·84	... ...	10	—31	Sun.	27	13 ·18	25 ·01	12	1	Thur.	26	14 ·19	4 ·57	13
2	Wed.	29	13 ·92	20 ·02	11	1	Mon.	28	14 ·16	26 ·03	13	2	Fri.	27	**P** ·11	5 ·51	14
3	Thur.	30	14 ·99	21 ·12	12	2	Tues.	29	**P** ·14	27 ·04	14						
4	Fri.	31	... ...	22 ·21	13					1 ·03		3	Sat.	28	1 ·01 2 ·91	6 ·44	15
						3	Wed.	30	1 ·09	2 ·99	15						
	Aug.						**Oct.**					4	Sun.	29	3 ·81	7 ·37	16
												5	Mon.	30	4 ·72	8 ·80	17
			Bahula. **Śrāvaṇa.**														
Pramāthin. **Siṁha—Āvaṇi.**						*Pramāthin.* **Tulā—Aippasi.**					*H. 554 Ramaẓān.*	*Pramāthin.* **Dhanus—Mārgali.**					*H. 554 Zi-l-ka'da.*
5	Sat.	1	**P** ·05	23 ·28	14	4	Thur.	1	2 ·02 3 ·94	3 ·95	16	6	Tues.	1	5 ·63	9 ·24	18
6	Sun.	2	1 ·07	24 ·35	15							7	Wed.	2	6 ·55	10 ·18	19
7	Mon.	3	2 ·08	25 ·38	16	5	Fri.	2	4 ·85	4 ·89	17	8	Thur.	3	7 ·48	11 ·13	20
8	Tues.	4	3 ·07	26 ·39	17	6	Sat.	3	5 ·76	5 ·82	18	9	Fri.	4	8 ·43	12 ·10	21
9	Wed.	5	4 ·04	27 ·38	18	7	Sun.	4	6 ·67	6 ·76	19	10	Sat.	5	9 ·40	13 ·09	22
			5 ·00	1 ·36		8	Mon.	5	7 ·57	7 ·69	20	11	Sun.	6	10 ·38	14 ·11	23
10	Thur.	6	6 ·93		19	9	Tues.	6	8 ·47	8 ·62	21	12	Mon.	7	11 ·40	15 ·12	24
11	Fri.	7	7 ·85	2 ·33	20	10	Wed.	7	9 ·38	9 ·56	22	13	Tues.	8	12 ·42	16 ·16	25
12	Sat.	8	8 ·76	3 ·27	21	11	Thur.	8	10 ·29	10 ·50	23	14	Wed.	9	13 ·46	17 ·23	26
13	Sun.	9	9 ·66	4 ·21	22	12	Fri.	9	11 ·22	11 ·47	24	15	Thur.	10	14 ·53	18 ·31	27
14	Mon.	10	10 ·56	5 ·14	23	13	Sat.	10	12 ·17	12 ·45	25	16	Fri.	11	—**A** ·61	19 ·41	28
15	Tues.	11	11 ·45	6 ·07	24	14	Sun.	11	13 ·14	13 ·44	26	17	Sat.	12	1 ·70	20 ·52	29
				7 ·01		15	Mon.	12	14 ·13	14 ·45	27	18	Sun.	13	2 ·78	21 ·63	—30
16	Wed.	12	12 ·35	8 ·95	25	16	Tues.	13	—**A** ·13	15 ·48	28	19	Mon.	14	3 ·86	22 ·73	1
17	Thur.	13	13 ·25	9 ·89	26	17	Wed.	14	1 ·16	16 ·55	29	20	Tues.	15	4 ·94	23 ·82	2
18	Fri.	14	14 ·17	10 ·84	27	18	Thur.	15	2 ·20	17 ·62	—30	21	Wed.	16	... ...	24 ·90	3
19	Sat.	15	—**A** ·10	11 ·80	28	19	Fri.	16	3 ·26	18 ·71	1	22	Thur.	17	5 ·00	25 ·95	4
20	Sun.	16	1 ·05	12 ·79	29	20	Sat.	17	4 ·34	19 ·81	2	23	Fri.	18	6 ·04	26 ·99	5
			2 ·01			21	Sun.	18	5 ·43	20 ·91	3	24	Sat.	19	7 ·05	... ...	6
21	Mon.	17	3 ·99	13 ·80	—30	22	Mon.	19	6 ·52	... ...	4	25	Sun.	20	8 ·04	27 ·01	7
22	Tues.	18	... ...	14 ·81	1	23	Tues.	20	7 ·60	21 ·02	5						
23	Wed.	19	4 ·00	15 ·86	2	24	Wed.	21	8 ·67	22 ·13	6	26	Mon	21	9 ·02 10 ·98	1 ·01 2 ·98	8
24	Thur.	20	5 ·02	16 ·92	3	25	Thur.	22	9 ·73	23 ·21	7	27	Tues	22	11 ·92	3 ·96	9
25	Fri.	21	6 ·06	... ...	4	26	Fri.	23	10 ·77	24 ·28	8	28	Wed.	23	12 ·84	4 ·90	10
26	Sat.	22	7 ·12	17 ·00	5	27	Sat.	24	11 ·78	25 ·33	9	—29	Thur.	24	13 ·75	5 ·84	11
27	Sun.	23	8 ·20	18 ·10	6	28	Sun.	25	12 ·76	26 ·35	10	1	Fri.	25	14 ·66	6 ·78	12
28	Mon.	24	9 ·28	19 ·21	7	29	Mon.	26	13 ·73	27 ·37	11	2	Sat.	26	**P** ·56	7 ·71	13
29	Tues.	25	10 ·37	20 ·32	8	—30	Tues.	27	14 ·69	1 ·35	12	3	Sun.	27	1 ·46	8 ·64	14
30	Wed.	26	11 ·45	21 ·42	9	1	Wed.	28	**P** ·63	2 ·32	13	4	Mon.	28	2 ·37	9 ·58	15
—31	Thur.	27	12 ·52	22 ·51	10	2	Thur.	29	1 ·55	3 ·28	14	5	Tues.	29	3 ·28	10 ·52	16
1	Fri.	28	13 ·57	23 ·60	11	3	Fri.	30	2 ·47	4 ·23	15	6	Wed.	30	4 ·20	11 ·47	17
2	Sat.	29	14 ·60	24 ·66	12	4	Sat.	31	3 ·38	5 ·17	16	7	Thur.	31	5 ·13	12 ·43	18
3	Sun.	30	**P** ·62	25 ·70	13												
4	Mon.	31	1 ·60	26 ·71	14												

Bahula. **Bhādrapada.** *Sukla.* *Sukla.* *Bahula.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
H. 554 Śha'bān. *H. 554 Rajab.* *H. 554 Jumāda'l ākhir.* *H. 554 Śhawwāl.* *H. 554 Shawwāl.* *H. 554 Ramaẓān.* *H. 554 Shawwāl.* *H. 554 Zi-l-ka'da.* *H. 554 Zi-l-ka'da.* *H. 554 Zi-l-ḥijja.* *H. 554 Zi-l-ḥijja.*

12. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1160. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·14.** **Śaka 1082.** **Kaliyuga 4261.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·09.** **(S. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1	6 ·08	13 ·42	19	8	Tues.	1	7 ·34	18 ·23	20	8	Sun.	1	9 ·87	24 ·43	22
9	Sat.	2	7 ·05	14 ·42	20	9	Wed.	2	8 ·40	19 ·31	21	9	Mon.	2	10 ·91	25 ·52	23
10	Sun.	3	8 ·03	15 ·44	21	10	Thur.	3	9 ·48	20 ·41	22	10	Tues.	3	11 ·94	26 ·57	24
11	Mon.	4	9 ·04	16 ·47	22	11	Fri.	4	10 ·56	21 ·52	23	11	Wed.	4	12 ·95	27 ·61	25
12	Tues.	5	10 ·06	17 ·53	23	12	Sat.	5	11 ·66	22 ·63	24	12	Thur.	5	13 ·94	1 ·63	26
13	Wed.	6	11 ·11	18 ·62	24	13	Sun.	6	12 ·74	23 ·73	25	13	Fri.	6	14 ·90	2 ·63	27
14	Thur.	7	12 ·18	19 ·71	25	14	Mon.	7	13 ·81	24 ·82	26	14	Sat.	7	—A ·85	3 ·62	28
15	Fri.	8	13 ·26	20 ·82	26	15	Tues.	8	14 ·86	25 ·89	27	15	Sun.	8	1 ·78	4 ·58	—29
16	Sat.	9	14 ·35	21 ·93	27	16	Wed.	9	—A ·88	26 ·94	28	16	Mon.	9	2 ·70	5 ·53	1
17	Sun.	10	—A ·44	... ...	28	17	Thur.	10	1 ·90	27 ·98	—29	17	Tues.	10	3 ·61	6 ·47	2
18	Mon.	11	1 ·52	22 ·03	—29	18	Fri.	11	2 ·88	1 ·99	1	18	Wed.	11	4 ·51	7 ·51	3
19	Tues.	12	2 ·59	23 ·12	1	19	Sat.	12	3 ·86	2 ·98	2	19	Thur.	12	5 ·41	8 ·34	4
20	Wed.	13	3 ·65	24 ·21	2	20	Sun.	13	4 ·80	3 ·95	3	20	Fri.	13	6 ·30	9 ·28	5
21	Thur.	14	4 ·68	25 ·27	3	21	Mon.	14	5 ·74	4 ·91	4	21	Sat.	14	7 ·20	10 ·21	6
22	Fri.	15	5 ·70	26 ·31	4	22	Tues.	15	6 ·66	5 ·86	5	22	Sun.	15	8 ·11	11 ·15	7
23	Sat.	16	6 ·68	27 ·33	5	23	Wed.	16	7 ·58	6 ·80	6	23	Mon.	16	9 ·03	12 ·10	8
24	Sun.	17	7 ·66	1 ·33	6	24	Thur.	17	8 ·48	7 ·73	7				10 ·95		
25	Mon.	18	8 ·62	2 ·32	7	25	Fri.	18	9 ·38	8 ·66	8	24	Tues.	17	11 ·89	13 ·06	9
26	Tues.	19	9 ·55	3 ·29	8	26	Sat.	19	10 ·28	9 ·59	9	25	Wed.	18	12 ·86	14 ·04	10
27	Wed.	20	10 ·47	4 ·24	9	27	Sun	20	11 ·18	10 ·53	10	26	Thur.	19	13 ·84	15 ·04	11
28	Thur.	21	11 ·39	5 ·18	10	28	Mon.	21	12 ·08	11 ·48	11	27	Fri.	20	14 ·84	16 ·05	12
29	Fri.	22	12 ·29	6 ·11	11				13 ·99			28	Sat.	21	P ·86	17 ·09	13
30	Sat.	23	13 ·19	7 ·05	12	29	Tues.	22	14 ·92	12 ·43	12	29	Sun.	22	1 ·91	18 ·14	14
				8 ·98		—30	Wed.	23	P ·87	13 ·40	13	30	Mon.	23	2 ·96	19 ·22	15
1	Sun.	24	14 ·09	9 ·91	13	1	Thur.	24	1 ·84	14 ·38	14	—31	Tues.	24	... ...	20 ·32	16
2	Mon.	25	P ·00	10 ·85	14	2	Fri.	25	2 ·82	15 ·39	15	1	Wed.	25	3 ·04	21 ·42	17
			1 ·91			3	Sat.	26	3 ·82	16 ·42	16	2	Thur.	26	4 ·13	22 ·53	18
3	Tues.	26	2 ·83	11 ·80	15	4	Sun.	27	4 ·85	17 ·47	17	3	Fri.	27	5 ·20	23 ·63	19
4	Wed.	27	3 ·76	12 ·77	16	5	Mon.	28	5 ·89	18 ·53	18	4	Sat.	28	6 ·28	24 ·74	20
5	Thur.	28	4 ·71	13 ·75	17	6	Tues.	29	6 ·96	19 ·61	19	5	Sun.	29	7 ·35	25 ·82	21
6	Fri.	29	5 ·68	14 ·74	18	7	Wed.	30	... ...	20 ·72	20	6	Mon.	30	8 ·40	26 ·89	22
7	Sat.	30	6 ·67	15 ·75	19	8	Thur.	31	7 ·03	21 ·83	21	7	Tues.	31	9 ·42	27 ·93	23
8	Sun.	31	7 ·67	16 ·80	20												
	Feb.						**April.**						**June.**				
9	Mon.	1	8 ·70	17 ·85	21	9	Fri.	1	8 ·12	22 ·93	22	8	Wed.	1	10 ·43	1 ·95	24
10	Tues.	2	9 ·74	18 ·92	22	10	Sat.	2	9 ·21	... ...	23	9	Thur.	2	11 ·42	2 ·95	25
11	Wed.	3	10 ·80	... ...	23	11	Sun.	3	10 ·28	23 ·03	24	10	Fri.	3	12 ·38	3 ·95	26
12	Thur.	4	11 ·88	19 ·01	24	12	Mon.	4	11 ·35	24 ·12	25	11	Sat.	4	13 ·33	4 ·92	27
13	Fri.	5	12 ·97	20 ·11	25	13	Tues.	5	12 ·40	25 ·20	26	12	Sun.	5	14 ·26	5 ·87	28
14	Sat.	6	... ...	21 ·22	26	14	Wed.	6	13 ·43	26 ·26	27	13	Mon.	6	—A ·18	6 ·81	29
15	Sun.	7	13 ·06	22 ·33	27	15	Thur.	7	14 ·44	27 ·30	28	14	Tues.	7	1 ·09	7 ·75	— 30
16	Mon.	8	14 ·14	23 ·43	28	16	Fri.	8	—A ·43	1 ·31	29				2 ·00		
17	Tues.	9	—A ·21	24 ·49	29	17	Sat.	9	1 ·40	2 ·30	—30	15	Wed.	8	3 ·90	8 ·69	1
18	Wed.	10	1 ·26	25 ·58	—30	18	Sun.	10	2 ·34	3 ·28	1	16	Thur.	9	4 ·78	9 ·62	2
19	Thur.	11	2 ·29	26 ·63	1	19	Mon.	11	3 ·28	4 ·25	2	17	Fri.	10	5 ·68	10 ·55	3
20	Fri.	12	3 ·31	27 ·65	2	20	Tues.	12	4 ·20	5 ·20	3	18	Sat.	11	6 ·59	11 ·48	4
21	Sat.	13	4 ·30	1 ·67	3	21	Wed.	13	5 ·11	6 ·14	4	19	Sun.	12	7 ·51	12 ·43	5
22	Sun.	14	5 ·28	2 ·65	4				6 ·01			20	Mon.	13	8 ·43	13 ·40	6
23	Mon.	15	6 ·23	3 ·62	5	22	Thur.	14	7 ·91	7 ·07	5	21	Tues.	14	9 ·38	14 ·37	7
24	Tues.	16	7 ·17	4 ·57	6							22	Wed.	15	10 ·34	15 ·36	8
25	Wed.	17	8 ·09	5 ·52	7	23	Fri.	15	8 ·81	8 ·00	6	23	Thur.	16	11 ·31	16 ·37	9
			9 ·00							9 ·93		24	Fri.	17	12 ·32	17 ·40	10
26	Thur.	18	10 ·91	6 ·46	8	24	Sat.	16	9 ·71	10 ·86	7	25	Sat.	18	13 ·34	18 ·46	11
27	Fri.	19	11 ·81	7 ·39	9	25	Sun.	17	10 ·61	11 ·81	8	26	Sun.	19	14 ·38	19 ·53	12
28	Sat.	20	12 ·71	8 ·32	10	26	Mon.	18	11 ·52	12 ·76	9	27	Mon.	20	P ·44	20 ·62	13
29	Sun.	21	13 ·61	9 ·25	11	27	Tues.	19	12 ·46	13 ·73	10	28	Tues.	21	1 ·52	21 ·72	14
—30	Mon.	22	14 ·52	10 ·19	12	28	Wed.	20	13 ·40	14 ·71	11	29	Wed.	22	2 ·60	22 ·83	15
1	Tues. ○	23	P ·44	11 ·14	13	29	Thur.	21	14 ·37	15 ·72	12	30	Thur.	23	3 ·68	23 ·94	16
2	Wed.	24	1 ·37	12 ·10	14	30	Fri.	22	P ·34	16 ·74	13	31	Fri.	24	4 ·76	... ...	17
3	Thur.	25	2 ·31	13 ·07	15	—31	Sat.	23	1 ·35	17 ·78	14	—32	Sat.	25	5 ·83	24 ·04	18
4	Fri.	26	3 ·27	14 ·06	16	1	Sun.	24	2 ·37	18 ·84	15	1	Sun.	26	6 ·87	25 ·13	19
5	Sat.	27	4 ·26	15 ·07	17	2	Mon.	25	3 ·41	19 ·92	16	2	Mon.	27	7 ·90	26 ·19	20
6	Sun.	28	5 ·26	16 ·10	18	3	Tues.	26	4 ·48	... ...	17	3	Tues.	28	8 ·92	27 ·34	21
7	Mon.	29	6 ·29	17 ·16	19	4	Wed.	27	5 ·55	20 ·02	18	4	Wed.	29	9 ·90	1 ·27	22
						5	Thur.	28	6 ·64	21 ·13	19	5	Thur.	30	10 ·87	2 ·29	23
						6	Fri.	29	7 ·72	22 ·23	20						
						7	Sat.	30	8 ·80	23 ·38	21						

Pramāthin. **Makara—Tai.** *Śukla.* **Māgha.** *H. 555 Muharram.*

Pramāthin. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *H. 555 Śafar.*

Vikrama. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *H. 555 Rabī-ul awwal.*

Pramāthin. **Mīna—Pangguni.** *Śukla.* **Chaitra.** *H. 555 Rabī-ul awwal.*

Vikrama. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *H. 555 Jamāda'l awwal.*

Vikrama. **Mithuna—Āni.** *Śukla.* **Āshādha.** *H. 555 Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1160. **Kollam 336,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra** { **555, Jan. 12.** / **556, Dec. 31.** **Vikrama 1217.** **Bengal San. 566.** **(N. Cycle) Śubhānu.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**			
Vikrama. **Karkataka—Ādi.**		*Bahula.*			*Vikrama.* **Kanyā—Purattāśi.**				
6	Fri. 1	11 ·81	3 ·28	24	5	Thur. 1	14 ·18	11 ·50	27
7	Sat. 2	12 ·74	4 ·25	25	6	Fri.● 2	—**A** ·10	12 ·44	28
8	Sun. 3	13 ·66	5 ·20	26	7	Sat. 3	1 ·02 / 2 ·95	13 ·39	—29
9	Mon. 4	14 ·57	6 ·15	27	8	Sun. 4	3 ·89	14 ·35	1
10	Tues. 5	—**A** ·47	7 ·09	28	9	Mon. 5	4 ·86	15 ·33	2
11	Wed. 6	1 ·37	8 ·02 / 9 ·95	—29	10	Tues. 6	5 ·84	16 ·34	3
12	Thur. 7	2 ·27	10 ·88	1	11	Wed. 7	6 ·84	17 ·36	4
13	Fri. 8	3 ·17	11 ·82	2	12	Thur. 8	7 ·87	18 ·39	5
14	Sat. 9	4 ·07 / 5 ·98	12 ·76	3	13	Fri. 9	8 ·92	19 ·45	6
15	Sun. 10	6 ·91	13 ·73	4	14	Sat. 10	9 ·99	20 ·53	7
16	Mon. 11	7 ·86	14 ·70	5	15	Sun. 11	... ...	21 ·63	8
17	Tues. 12	8 ·82	15 ·68	6	16	Mon. 12	10 ·06	22 ·73	9
18	Wed. 13	9 ·80	16 ·69	7	17	Tues. 13	11 ·15	23 ·84	10
19	Thur. 14	10 ·80	17 ·72	8	18	Wed. 14	12 ·23	24 ·94	11
20	Fri. 15	11 ·83	18 ·77	9	19	Thur. 15	13 ·31	... ...	12
21	Sat. 16	12 ·86	19 ·84	10	20	Fri. 16	14 ·38	25 ·04	13
22	Sun. 17	13 ·92	20 ·92	11	21	Sat. 17	**P** ·43	26 ·13	14
23	Mon. 18	... ...	... ...	12	22	Sun. 18	1 ·46	27 ·19	15
24	Tues. 19	14 ·01	21 ·02	13	23	Mon. 19	2 ·47	1 ·23	16
25	Wed. 20	**P** ·09	22 ·12	14	24	Tues. 20	3 ·46	2 ·25	17
26	Thur. 21	1 ·17	23 ·24	15	25	Wed. 21	4 ·44	3 ·25	18
27	Fri. 22	2 ·27	24 ·34	16	26	Thur. 22	5 ·39	4 ·25	19
28	Sat. 23	3 ·32	25 ·43	17	27	Fri. 23	6 ·32	5 ·21	20
29	Sun. 24	4 ·36	26 ·50	18	28	Sat. 24	7 ·24	6 ·16	21
30	Mon. 25	5 ·39	27 ·56	19	29	Sun. 25	8 ·15	7 ·11	22
—31	Tues. 26	6 ·40	1 ·60	20	—30	Mon. 26	9 ·05 / 10 ·95	8 ·04 / 9 ·97	23
1	Wed. 27	7 ·38	2 ·61	21	1	Tues. 27	11 ·85	10 ·91	24
2	Thur. 28	8 ·36	3 ·60	22	2	Wed. 28	12 ·76	11 ·84	25
3	Fri. 29	9 ·30	4 ·58	23	3	Thur. 29	13 ·67	12 ·78	26
4	Sat. 30	10 ·24	5 ·54	24	4	Fri. 30	14 ·58	13 ·72	27
5	Sun. 31	11 ·15	6 ·49	25					
	Aug.					**Oct.**			
Vikrama. **Siṁha—Āvaṇi.**		*Sukla.*			*Vikrama.* **Tulā—Aippaśi.**				
6	Mon. 1	12 ·06 / 13 ·96	7 ·43	26	5	Sat. 1	—**A** ·52	14 ·68	28
7	Tues. 2	14 ·86	8 ·36	27	6	Sun. 2	1 ·47	15 ·67	29
8	Wed. 3	—**A** ·76	9 ·29	28	7	Mon. 3	2 ·44	16 ·66	—30
9	Thur. 4	1 ·66	10 ·22	29	8	Tues. 4	3 ·42	17 ·67	1
10	Fri. 5	2 ·57	11 ·17	—30	9	Wed. 5	4 ·43	18 ·70	2
11	Sat. 6	3 ·48	12 ·11	1	10	Thur. 6	5 ·45	19 ·76	3
12	Sun. 7	4 ·42	13 ·06	2	11	Fri. 7	6 ·51	20 ·84	4
13	Mon. 8	5 ·36	14 ·02	3	12	Sat. 8	7 ·57	21 ·90	5
14	Tues. 9	6 ·32	15 ·01	4	13	Sun. 9	8 ·64	... ...	6
15	Wed. 10	7 ·31	16 ·01	5	14	Mon. 10	9 ·73	22 ·03	7
16	Thur. 11	8 ·30	17 ·04	6	15	Tues. 11	10 ·82	23 ·13	8
17	Fri. 12	9 ·33	18 ·08	7	16	Wed. 12	11 ·91	24 ·24	9
18	Sat. 13	10 ·38	19 ·14	8	17	Thur. 13	12 ·98	25 ·35	10
19	Sun. 14	11 ·45	20 ·22	9	18	Fri. 14	... ...	26 ·43	11
20	Mon. 15	12 ·52	21 ·32	10	19	Sat. 15	13 ·03	27 ·50	12
21	Tues. 16	13 ·60	22 ·43	11	20	Sun. 16	14 ·05	1 ·55	13
22	Wed. 17	14 ·69	23 ·54	12	21	Mon. 17	**P** ·06	2 ·57	14
23	Thur.○18	**P** ·77	24 ·64	13	22	Tues. 18	1 ·06	3 ·59	15
24	Fri. 19	1 ·83	25 ·73	14	23	Wed. 19	2 ·03 / 3 ·98	4 ·57	16
25	Sat. 20	2 ·88	26 ·81	15	24	Thur. 20	4 ·91	5 ·55	17
26	Sun. 21	3 ·91	27 ·88	16	25	Fri. 21	5 ·84	6 ·50	18
27	Mon. 22	4 ·92	1 ·92	17	26	Sat. 22	6 ·75	7 ·44	19
28	Tues. 23	5 ·90	2 ·93	18	27	Sun. 23	7 ·65	8 ·38	20
29	Wed. 24	6 ·87	3 ·93	19	28	Mon. 24	8 ·56	9 ·32	21
30	Thur. 25	7 ·82	4 ·91	20	29	Tues. 25	9 ·45	10 ·25	22
31	Fri. 26	8 ·76	5 ·88	21	—30	Wed. 26	10 ·36	11 ·18	23
—32	Sat. 27	9 ·68	6 ·83	22	1	Thur. 27	11 ·27	12 ·11	24
1	Sun. 28	10 ·59	7 ·77	23	2	Fri. 28	12 ·20	13 ·06	25
2	Mon. 29	11 ·49	8 ·70	24	3	Sat. 29	13 ·13	14 ·02 / 15 ·99	26
3	Tues. 30	12 ·39	9 ·63	25	4	Sun. 30	14 ·08	16 ·98	27
4	Wed. 31	13 ·28	10 ·57	26	5	Mon. 31	—**A** ·05	17 ·99	28
						Nov.			
					Vikrama. **Vṛiśchika—Kārttigai.**				
					6	Tues. 1	1 ·03	... ...	—29
					7	Wed. 2	2 ·04	18 ·02	1
					8	Thur. 3	3 ·07	19 ·07	2
					9	Fri. 4	4 ·13	20 ·14	3
					10	Sat. 5	5 ·19	21 ·23	4
					11	Sun. 6	6 ·27	22 ·33	5
					12	Mon. 7	7 ·35	23 ·43	6
					13	Tues. 8	8 ·44	24 ·53	7
					14	Wed. 9	9 ·53	25 ·65	8
					15	Thur. 10	10 ·60	26 ·74	9
					16	Fri. 11	11 ·66	27 ·81	10
					17	Sat. 12	12 ·68	1 ·86	11
					18	Sun. 13	13 ·70	2 ·89	12
					19	Mon. 14	14 ·68	3 ·91	13
					20	Tues. 15	**P** ·65	4 ·90	14
					21	Wed. 16	1 ·61	5 ·87	15
					22	Thur. 17	2 ·54	6 ·83	16
					23	Fri. 18	3 ·47	7 ·78	17
					24	Sat. 19	4 ·38	8 ·73	18
					25	Sun. 20	5 ·29	9 ·66	19
					26	Mon. 21	6 ·19	10 ·59	20
					27	Tues. 22	7 ·09 / 8 ·99	11 ·52	21
					28	Wed. 23	9 ·90	12 ·45	22
					—29	Thur. 24	10 ·83	13 ·40	23
					1	Fri. 25	11 ·77	14 ·35	24
					2	Sat. 26	12 ·72	15 ·32	25
					3	Sun. 27	13 ·69	16 ·31	26
					4	Mon. 28	14 ·68	17 ·31	27
					5	Tues. 29	—**A** ·68	18 ·34	28
					6	Wed. 30	1 ·70	19 ·38	29
						Dec.			
					Vikrama. **Dhanūs—Mārgaḷi.**				
					7	Thur. 1	2 ·76	20 ·45	—30
					8	Fri. 2	3 ·83	21 ·53	1
					9	Sat. 3	4 ·91	22 ·62	2
					10	Sun. 4	5 ·99	23 ·74	3
					11	Mon. 5	... ...	24 ·85	4
					12	Tues. 6	6 ·09	25 ·95	5
					13	Wed. 7	7 ·17	... ...	6
					14	Thur. 8	8 ·23	26 ·04	7
					15	Fri. 9	9 ·29	27 ·13	8
					16	Sat. 10	10 ·32	1 ·17	9
					17	Sun. 11	11 ·34	2 ·22	10
					18	Mon. 12	12 ·33	3 ·23	11
					19	Tues. 13	13 ·30	4 ·23	12
					20	Wed. 14	14 ·25	5 ·20	13
					21	Thur. 15	**P** ·19	6 ·17	14
					22	Fri. 16	1 ·11	7 ·12	15
					23	Sat. 17	2 ·02 / 3 ·93	8 ·06	16
					24	Sun. 18	4 ·83	9 ·00 / 10 ·92	17
					25	Mon. 19	5 ·74	11 ·85	18
					26	Tues. 20	6 ·64	12 ·80	19
					27	Wed. 21	7 ·55	13 ·74	20
					28	Thur. 22	8 ·48	14 ·69	21
					29	Fri. 23	9 ·41	15 ·65	22
					—30	Sat. 24	10 ·36	16 ·64	23
					1	Sun. 25	11 ·33	17 ·64	24
					2	Mon. 26	12 ·32	18 ·66	25
					3	Tues. 27	13 ·32	19 ·69	26
					4	Wed. 28	14 ·35	20 ·75	27
					5	Thur. 29	—**A** ·41	21 ·83	28
					6	Fri. 30	1 ·48	22 ·92	—29
					7	Sat. 31	2 ·55	... ...	1

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

H. 555 *Rajab.* *H.* 555 *Ramaẓān.* *H.* 555 *Śha'bān.* *H.* 555 *Shawwāl.* *H.* 555 *Zi-l-ka'da.* *H.* 555 *Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1161. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·40.** **Śaka 1083.** **Kaliyuga 4262.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·35.** **(S. Cycle) Vṛisha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sun. 1	3 ·64	23 ·04	2	8	Wed. 1	2 ·10	27 ·04	2	8	Mon. 1	4 ·17	7 ·79	4
9	Mon. 2	4 ·73	24 ·14	3	9	Thur. 2	3 ·16	1 ·11	3	9	Tues. 2	5 ·10	8 ·76	5
10	Tues. 3	5 ·81	25 ·25	4	10	Fri. 3	4 ·19	2 ·16	4	10	Wed. 3	6 ·02	9 ·69	6
11	Wed. 4	6 ·88	26 ·34	5	11	Sat. 4	5 ·20	3 ·19	5			7 ·93		
12	Thur. 5	7 ·94	27 ·42	6	12	Sun. 5	6 ·19	4 ·21	6	11	Thur. 4	8 ·83	10 ·63	7
13	Fri. 6	8 ·97	1 ·49	7	13	Mon. 6	7 ·16	5 ·20	7	12	Fri. 5	9 ·72	11 ·56	8
14	Sat. 7	9 ·98	2 ·53	8	14	Tues. 7	8 ·11	6 ·17	8	13	Sat. 6	10 ·68	12 ·49	9
15	Sun. 8	10 ·97	3 ·55	9	15	Wed. 8	9 ·04	7 ·13	9	14	Sun. 7	11 ·52	13 ·43	10
16	Mon. 9	11 ·94	4 ·55	10			10 ·96			15	Mon. 8	12 ·48	14 ·37	11
17	Tues. 10	12 ·89	5 ·53	11	16	Thur. 9	11 ·87	8 ·07	10	16	Tues. 9	13 ·35	15 ·32	12
18	Wed. 11	13 ·83	6 ·49	12				9 ·01		17	Wed. 10	14 ·27	16 ·28	13
19	Thur. 12	14 ·76	7 ·46	13	17	Fri. 10	12 ·77	10 ·95	11	18	Thur. 11	P ·22	17 ·25	14
20	Fri. 13	P ·67	8 ·40	14	18	Sat. 11	13 ·67	11 ·87	12	19	Fri. 12	1 ·18	18 ·26	15
21	Sat. 14	1 ·57	9 ·33	15	19	Sun. 12	14 ·57	12 ·81	13	20	Sat. 13	2 ·17	19 ·27	16
22	Sun. 15	2 ·47	10 ·26	16	20	Mon. 13	P ·48	13 ·74	14	21	Sun. 14	3 ·17	20 ·31	17
23	Mon. 16	3 ·38	11 ·20	17	21	Tues. 14	1 ·39	14 ·69	15	22	Mon. 15	4 ·20	21 ·37	18
24	Tues. 17	4 ·28	12 ·13	18	22	Wed. 15	2 ·31	15 ·65	16	23	Tues. 16	5 ·24	22 ·44	19
25	Wed. 18	5 ·19	13 ·07	19	23	Thur. 16	3 ·23	16 ·62	17	24	Wed. 17	6 ·30	23 ·54	20
26	Thur. 19	6 ·11	14 ·02	20	24	Fri. 17	4 ·18	17 ·60	18	25	Thur. 18	7 ·38	24 ·64	21
			15 ·98		25	Sat. 18	5 ·15	18 ·61	19	26	Fri. 19	8 ·46	25 ·75	22
27	Fri. 20	7 ·05	16 ·97	21	26	Sun. 19	6 ·13	19 ·63	20	27	Sat. 20	9 ·55	26 ·85	23
28	Sat. 21	8 ·00	17 ·96	22	27	Mon. 20	7 ·14	20 ·68	21	28	Sun. 21	10 ·62	27 ·95	24
		9 ·97			28	Tues. 21	8 ·17	21 ·74	22	29	Mon. 22	11 ·68	... ...	25
29	Sun. 22	10 ·95	18 ·97	23	29	Wed. 22	9 ·22	22 ·84	23	30	Tues. 23	12 ·73	1 ·03	26
1	Mon. 23	11 ·95	19 ·99	24	30	Thur. 23	10 ·28	23 ·93	24	31	Wed. 24	13 ·75	2 ·11	27
2	Tues. 24	12 ·99	... ...	25	1	Fri. 24	11 ·35	... ...	25	32	Thur. 25	14 ·76	3 ·15	28
3	Wed. 25	... ...	20 ·06	26	2	Sat. 25	12 ·44	24 ·04	26	1	Fri. 26	A ·74	4 ·17	29
4	Thur. 26	13 ·04	21 ·13	27	3	Sun. 26	13 ·52	25 ·15	27	2	Sat. 27	1 ·71	5 ·17	30
5	Fri. 27	14 ·11	22 ·23	28	4	Mon. 27	14 ·60	26 ·25	28	3	Sun. 28	2 ·65	6 ·16	1
6	Sat.● 28	A ·19	23 ·34	29	5	Tues. 28	A ·66	27 ·34	29	4	Mon. 29	3 ·58	7 ·14	2
7	Sun. 29	1 ·28	24 ·44	30	6	Wed. 29	1 ·71	1 ·42	30	5	Tues. 30	4 ·50	8 ·09	3
8	Mon. 30	2 ·36	25 ·55	1	7	Thur. 30	2 ·74	2 ·47	1					
9	Tues. 31	3 ·44	26 ·64	2	8	Fri. 31	3 ·76	3 ·52	2	6	Wed. 31	5 ·41	9 ·03	4
													10 ·97	
	Feb.					**April.**					**June.**			
10	Wed. 1	4 ·51	27 ·73	3	9	Sat. 1	4 ·74	4 ·53	3	7	Thur. 1	6 ·31	11 ·89	5
11	Thur. 2	5 ·56	1 ·80	4	10	Sun. 2	5 ·71	5 ·52	4	8	Fri. 2	7 ·20	12 ·82	6
12	Fri. 3	6 ·59	2 ·85	5	11	Mon. 3	6 ·66	6 ·50	5	9	Sat. 3	8 ·11	13 ·77	7
13	Sat. 4	7 ·61	3 ·87	6	12	Tues. 4	7 ·58	7 ·46	6			9 ·00		
14	Sun. 5	8 ·60	4 ·88	7	13	Wed. 5	8 ·51	8 ·41	7	10	Sun. 4	10 ·91	14 ·70	8
15	Mon. 6	9 ·57	5 ·87	8	14	Thur. 6	9 ·41	9 ·36	8	11	Mon. 5	11 ·83	15 ·65	9
16	Tues. 7	10 ·51	6 ·84	9	15	Fri. 7	10 ·31	10 ·29	9	12	Tues. 6	12 ·75	16 ·61	10
17	Wed. 8	11 ·45	7 ·79	10	16	Sat. 8	11 ·21	11 ·22	10	13	Wed. 7	13 ·70	17 ·59	11
18	Thur. 9	12 ·37	8 ·74	11	17	Sun. 9	12 ·11	12 ·15	11	14	Thur. 8	14 ·66	18 ·58	12
19	Fri. 10	13 ·29	9 ·67	12			13 ·01			15	Fri. 9	P ·64	19 ·59	13
20	Sat. 11	14 ·19	10 ·61	13	18	Mon. 10	14 ·92	13 ·08	12	16	Sat. 10	1 ·64	20 ·62	14
21	Sun.○ 12	P ·09	11 ·54	14				14 ·03		17	Sun. 11	2 ·67	21 ·67	15
		1 ·99			19	Tues. 11	P ·84	15 ·98	13	18	Mon. 12	3 ·72	22 ·74	16
22	Mon. 13	2 ·89	12 ·47	15	20	Wed. 12	1 ·77	16 ·95	14	19	Tues. 13	4 ·78	23 ·84	17
23	Tues. 14	3 ·80	13 ·41	16	21	Thur. 13	2 ·72	17 ·93	15	20	Wed. 14	5 ·86	24 ·94	18
24	Wed. 15	4 ·72	14 ·35	17	22	Fri. 14	3 ·68	18 ·93	16	21	Thur. 15	6 ·94	... ...	19
25	Thur. 16	5 ·65	15 ·31	18	23	Sat. 15	4 ·67	19 ·96	17	22	Fri. 16	... ...	25 ·05	20
26	Fri. 17	6 ·60	16 ·29	19	24	Sun. 16	5 ·67	... ...	18	23	Sat. 17	7 ·02	26 ·15	21
27	Sat. 18	7 ·58	17 ·28	20	25	Mon. 17	6 ·70	20 ·00	19	24	Sun. 18	8 ·09	27 ·25	22
28	Sun. 19	8 ·56	18 ·29	21	26	Tues. 18	7 ·74	21 ·06	20	25	Mon. 19	9 ·16	1 ·35	23
29	Mon. 20	9 ·57	19 ·32	22	27	Wed. 19	8 ·80	22 ·14	21	26	Tues. 20	10 ·21	2 ·41	24
30	Tues. 21	10 ·60	20 ·37	23	28	Thur. 20	9 ·88	23 ·23	22	27	Wed. 21	11 ·24	3 ·46	25
1	Wed. 22	11 ·64	21 ·45	24	29	Fri. 21	10 ·97	24 ·34	23	28	Thur. 22	12 ·24	4 ·49	26
2	Thur. 23	12 ·71	22 ·53	25	30	Sat. 22	... ...	25 ·45	24	29	Fri. 23	13 ·23	5 ·50	27
3	Fri. 24	13 ·78	23 ·63	26	31	Sun. 23	11 ·05	26 ·55	25	30	Sat. 24	14 ·19	6 ·50	28
4	Sat. 25	14 ·87	24 ·74	27	1	Mon. 24	12 ·12	27 ·65	26	31	Sun. 25	A ·14	7 ·47	29
5	Sun. 26	A ·96	25 ·85	28	2	Tues. 25	13 ·18	1 ·73	27			1 ·07		
6	Mon. 27	... ...	26 ·96	29	3	Wed. 26	14 ·23	2 ·79	28	1	Mon. 26	2 ·98	8 ·42	1
7	Tues. 28	1 ·04	... ...	1	4	Thur. 27	A ·26	3 ·83	29	2	Tues. 27	3 ·89	9 ·37	2
					5	Fri. 28	1 ·28	4 ·85	1	3	Wed. 28	4 ·79	10 ·30	3
					6	Sat. 29	2 ·25	5 ·85	2	4	Thur. 29	5 ·69	11 ·24	4
					7	Sun. 30	3 ·22	6 ·83	3	5	Fri. 30	6 ·59	12 ·17	5

Vikrama. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 556 Muharram.*

Vikrama. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H. 556 Śafar.*

Vikrama. **Mīna—Pāṅguni.** *Śukla.* **Chaitra.** *Bahula.* *H. 556 Rabi-ul awwal.*

Vrisha. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 556 Rabi-ul ākhir.*

Vrisha. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 556 Jamād'l awwal.*

Vrisha. **Mithuna—Āni.** *Śukla.* **Adhika Āshādha.** *Bahula.* *H. 556 Jamād'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1161. **Kollam 337,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 557.** **Vikrama 1218.**
A—Amāvāsyā. Commences Commences **Dec. 21.** **Bengal San. 567.**
P—Paurnimā. **(N. Cycle) Tāraṇa.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
		July.			
6	Sat. 1		7 ·49	13 ·10	6
7	Sun. 2		8 ·39	14 ·04 / 15 ·98	7
8	Mon. 3		9 ·31	16 ·95	8
9	Tues. 4		10 ·23	17 ·92	9
10	Wed. 5		11 ·18	18 ·90	10
11	Thur. 6		12 ·15	19 ·91	11
12	Fri. 7		13 ·12	20 ·93	12
13	Sat. 8		14 ·13	21 ·98	13
14	Sun. 9		P ·16	... ...	14
15	Mon. 10		1 ·21	22 ·06	15
16	Tues. 11		2 ·27	23 ·14	16
17	Wed. 12		3 ·34	24 ·24	17
18	Thur. 13		4 ·43	25 ·35	18
19	Fri. 14		5 ·51	26 ·45	19
20	Sat. 15		6 ·58	27 ·56	20
21	Sun. 16		7 ·65	1 ·65	21
22	Mon. 17		8 ·70	2 ·72	22
23	Tues. 18		9 ·72	3 ·78	23
24	Wed. 19		10 ·72	4 ·81	24
25	Thur. 20		11 ·71	5 ·83	25
26	Fri. 21		12 ·67	6 ·82	26
27	Sat. 22		13 ·62	7 ·80	27
28	Sun. 23		14 ·55	8 ·76	28
29	Mon. 24		—A ·47	9 ·70	29
30	Tues. 25		1 ·38	10 ·63	—30
31	Wed. 26		2 ·28	11 ·58	1
—32	Thur. 27		3 ·17	12 ·51	2
1	Fri. 28		4 ·07 / 5 ·97	13 ·44	3
2	Sat. 29		6 ·88	14 ·38	4
3	Sun. 30		7 ·80	15 ·32	5
4	Mon. 31		8 ·73	16 ·28	6
		Aug.			
5	Tues. 1		9 ·68	17 ·24	7
6	Wed. 2		10 ·64	18 ·23	8
7	Thur. 3		11 ·62	19 ·23	9
8	Fri. 4		12 ·63	20 ·25	10
9	Sat. 5		13 ·65	21 ·30	11
10	Sun. 6		14 ·70	22 ·36	12
11	Mon. ○ 7		P ·76	23 ·44	13
12	Tues. 8		1 ·84	24 ·54	14
13	Wed. 9		2 ·93	25 ·64	15
14	Thur. 10		... ...	26 ·76	16
15	Fri. 11		3 ·01	27 ·86	17
16	Sat. 12		4 ·08	1 ·95	18
17	Sun. 13		5 ·15	... ...	19
18	Mon. 14		6 ·20	2 ·03	20
19	Tues. 15		7 ·23	3 ·09	21
20	Wed. 16		8 ·24	4 ·14	22
21	Thur. 17		9 ·22	5 ·15	23
22	Fri. 18		10 ·18	6 ·17	24
23	Sat. 19		11 ·13	7 ·13	25
24	Sun. 20		12 ·06 / 13 ·98	8 ·09	26
25	Mon. 21		14 ·89	9 ·03 / 10 ·99	27
26	Tues. 22		—A ·80	11 ·92	28
27	Wed. 23		1 ·70	12 ·85	—29
28	Thur. 24		2 ·60	13 ·78	1
29	Fri. 25		3 ·49	14 ·71	2
30	Sat. 26		4 ·40	15 ·66	3
—31	Sun. 27		5 ·32	16 ·60	4
1	Mon. 28		6 ·26	17 ·57	5
2	Tues. 29		7 ·21	18 ·55	6
3	Wed. 30		8 ·17	19 ·55	7
4	Thur. 31		9 ·16	20 ·57	8

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
		Sep.			
5	Fri. 1		10 ·15	21 ·61	9
6	Sat. 2		11 ·18	22 ·67	10
7	Sun. 3		12 ·23	23 ·75	11
8	Mon. 4		13 ·29	24 ·84	12
9	Tues. 5		14 ·37	25 ·95	13
10	Wed. 6		P ·46	... ...	14
11	Thur. 7		1 ·55	26 ·06	15
12	Fri. 8		2 ·63	27 ·16	16
13	Sat. 9		3 ·70	1 ·26	17
14	Sun. 10		4 ·74	2 ·32	18
15	Mon. 11		5 ·77	3 ·41	19
16	Tues. 12		6 ·78	4 ·45	20
17	Wed. 13		7 ·76	5 ·47	21
18	Thur. 14		8 ·73	6 ·47	22
19	Fri. 15		9 ·68	7 ·46	23
20	Sat. 16		10 ·62	8 ·42	24
21	Sun. 17		11 ·53	9 ·38	25
22	Mon. 18		12 ·44	10 ·32	26
23	Tues. 19		13 ·35	11 ·26	27
24	Wed. 20		14 ·25	12 ·19	28
25	Thur. 21		—A ·15	13 ·12	29
26	Fri. 22		1 ·05 / 2 ·96	14 ·06 / 15 ·98	—30
27	Sat. 23		3 ·88	16 ·94	1
28	Sun. 24		4 ·81	17 ·90	2
29	Mon. 25		5 ·76	18 ·88	3
—30	Tues. 26		6 ·73	19 ·88	4
1	Wed. 27		7 ·72	20 ·89	5
2	Thur. 28		8 ·72	21 ·92	6
3	Fri. 29		9 ·76	22 ·98	7
4	Sat. 30		10 ·81	... ...	8
		Oct.			
5	Sun. 1		11 ·89	23 ·05	9
6	Mon. 2		12 ·95	24 ·15	10
7	Tues. 3		... ...	25 ·25	11
8	Wed. 4		13 ·04	26 ·35	12
9	Thur. 5		14 ·13	27 ·46	13
10	Fri. 6		P ·21	1 ·56	14
11	Sat. 7		1 ·28	2 ·64	15
12	Sun. 8		2 ·33	3 ·72	16
13	Mon. 9		3 ·36	4 ·72	17
14	Tues. 10		4 ·36	5 ·79	18
15	Wed. 11		5 ·34	6 ·80	19
16	Thur. 12		6 ·32	7 ·78	20
17	Fri. 13		7 ·27	8 ·76	21
18	Sat. 14		8 ·21	9 ·73	22
19	Sun. 15		9 ·13	10 ·66	23
20	Mon. 16		10 ·04 / 11 ·94	11 ·60	24
21	Tues. 17		12 ·84	12 ·53	25
22	Wed. 18		13 ·74	13 ·47	26
23	Thur. 19		14 ·64	14 ·40	27
24	Fri. 20		—A ·56	15 ·33	28
25	Sat. 21		1 ·48	16 ·28	—29
26	Sun. 22		2 ·42	17 ·23	1
27	Mon. 23		3 ·37	18 ·21	2
28	Tues. 24		4 ·34	19 ·20	3
29	Wed. 25		5 ·32	20 ·21	4
—30	Thur. 26		6 ·32	21 ·24	5
1	Fri. 27		7 ·36	22 ·29	6
2	Sat. 28		8 ·41	23 ·36	7
3	Sun. 29		9 ·48	24 ·45	8
4	Mon. 30		10 ·56	25 ·55	9
5	Tues. 31		11 ·65	26 ·65	10

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
		Nov.			
6	Wed. 1		12 ·74	27 ·76	11
7	Thur. 2		13 ·82	1 ·86	12
8	Fri. 3		14 ·89	2 ·96	13
9	Sat. 4		P ·94	... ...	14
10	Sun. 5		1 ·68	3 ·03	15
11	Mon. 6		2 ·98	4 ·08	16
12	Tues. 7		3 ·97	5 ·11	17
13	Wed. 8		4 ·93	6 ·12	18
14	Thur. 9		5 ·89	7 ·12	19
15	Fri. 10		6 ·83	8 ·09	20
16	Sat. 11		7 ·75	9 ·05	21
17	Sun. 12		8 ·66	10 ·00 / 11 ·93	22
18	Mon. 13		9 ·56	12 ·88	23
19	Tues. 14		10 ·46	13 ·81	24
20	Wed. 15		11 ·36	14 ·73	25
21	Thur. 16		12 ·27	15 ·67	26
22	Fri. 17		13 ·18	16 ·61	27
23	Sat. 18		14 ·10	17 ·57	28
24	Sun. 19		—A ·04	18 ·54	29
25	Mon. 20		1 ·00 / 2 ·97	19 ·53	—30
26	Tues. 21		3 ·95	20 ·53	1
27	Wed. 22		4 ·96	21 ·55	2
28	Thur. 23		... ...	22 ·59	3
29	Fri. 24		5 ·00	23 ·67	4
—30	Sat. 25		6 ·05	24 ·75	5
1	Sun. 26		7 ·12	25 ·85	6
2	Mon. 27		8 ·20	26 ·95	7
3	Tues. 28		9 ·29	... ...	8
4	Wed. 29		10 ·38	27 ·06	9
5	Thur. 30		11 ·46	1 ·17	10
		Dec.			
6	Fri. 1		12 ·53	2 ·26	11
7	Sat. 2		13 ·58	3 ·34	12
8	Sun. 3		14 ·61	4 ·39	13
9	Mon. 4		P ·62	5 ·43	14
10	Tues. 5		1 ·61	6 ·45	15
11	Wed. 6		2 ·57	7 ·45	16
12	Thur. 7		3 ·53	8 ·42	17
13	Fri. 8		4 ·46	9 ·38	18
14	Sat. 9		5 ·39	10 ·33	19
15	Sun. 10		6 ·30	11 ·28	20
16	Mon. 11		7 ·20	12 ·21	21
17	Tues. 12		8 ·11	13 ·14	22
18	Wed. 13		9 ·01 / 10 ·92	14 ·07	23
19	Thur. 14		11 ·83	15 ·01 / 16 ·96	24
20	Fri. 15		12 ·75	17 ·91	25
21	Sat. 16		13 ·69	18 ·87	26
22	Sun. 17		14 ·64	19 ·85	27
23	Mon. 18		—A ·61	20 ·85	28
24	Tues. 19		1 ·60	21 ·87	29
25	Wed. 20		2 ·61	22 ·91	—30
26	Thur. 21		3 ·64	23 ·97	1
27	Fri. 22		4 ·70	... ...	2
28	Sat. 23		5 ·77	24 ·05	3
—29	Sun. 24		6 ·85	25 ·15	4
1	Mon. 25		7 ·93	26 ·25	5
2	Tues. 26		... ...	27 ·36	6
3	Wed. 27		8 ·02	1 ·47	7
4	Thur. 28		9 ·11	2 ·56	8
5	Fri. 29		10 ·17	3 ·64	9
6	Sat. 30		11 ·22	4 ·70	10
7	Sun. 31		12 ·26	5 ·75	11

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1162. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·66.** **Saka 1084.** **Kaliyuga 4263.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·61.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Mon. 1	13 ·27	6 ·77	12	8	Thur. 1	13 ·33	10 ·35	12	7	Tues. 1	1 ·74	17 ·59	14
9	Tues. 2	14 ·25	7 ·77	13	9	Fri. 2	14 ·25	11 ·29	13	8	Wed. 2	2 ·66	18 ·53	15
10	Wed. 3	P ·22	8 ·75	14	10	Sat. 3	P ·17	12 ·23	14	9	Thur. 3	3 ·59	19 ·50	16
11	Thur. 4	1 ·18	9 ·72	15	11	Sun. 4	1 ·07	13 ·16	15	10	Fri. 4	4 ·54	20 ·47	17
12	Fri. 5	2 ·11	10 ·68	16			2 ·97			11	Sat. 5	5 ·51	21 ·47	18
13	Sat. 6	3 ·03	11 ·62	17	12	Mon. 5	3 ·87	14 ·10	16	12	Sun. 6	6 ·49	22 ·48	19
		4 ·94			13	Tues. 6	4 ·77	15 ·03	17	13	Mon. 7	7 ·50	23 ·53	20
14	Sun. 7	5 ·85	12 ·55	18				16 ·96		14	Tues. 8	8 ·52	24 ·58	21
15	Mon. 8	6 ·75	13 ·48	19	14	Wed. 7	5 ·68	17 ·91	18	15	Wed. 9	9 ·58	25 ·66	22
16	Tues. 9	7 ·65	14 ·41	20	15	Thur. 8	6 ·60	18 ·86	19	16	Thur. 10	10 ·64	26 ·75	23
17	Wed. 10	8 ·56	15 ·34	21	16	Fri. 9	7 ·54	19 ·84	20	17	Fri. 11	11 ·71	27 ·85	24
18	Thur. 11	9 ·48	16 ·29	22	17	Sat. 10	8 ·48	20 ·82	21	18	Sat. 12	12 ·80	1 ·97	25
19	Fri. 12	10 ·39	17 ·24	23	18	Sun. 11	9 ·45	21 ·88	22	19	Sun. 13	13 ·90	... ...	26
20	Sat. 13	11 ·33	18 ·20	24	19	Mon. 12	10 ·44	22 ·85	23	20	Mon. 14	14 ·95	2 ·08	27
21	Sun. 14	12 ·29	19 ·18	25	20	Tues. 13	11 ·45	23 ·90	24	21	Tues. 15	... ...	3 ·17	28
22	Mon. 15	13 ·25	20 ·17	26	21	Wed. 14	12 ·48	24 ·97	25	22	Wed. 16	—A ·01	4 ·25	29
23	Tues. 16	14 ·24	21 ·19	27	22	Thur. 15	13 ·53	... ...	26	23	Thur. 17	1 ·06	5 ·32	—30
24	Wed. ● 17	—A ·26	22 ·22	28	23	Fri. 16	14 ·61	25 ·06	27	24	Fri. 18	2 ·09	6 ·37	1
25	Thur. 18	1 ·29	23 ·28	29	24	Sat. 17	—A ·67	26 ·15	28	25	Sat. 19	3 ·09	7 ·39	2
26	Fri. 19	2 ·34	24 ·35	—30	25	Sun. 18	1 ·76	27 ·25	29	26	Sun. 20	4 ·07	8 ·39	3
27	Sat. 20	3 ·40	25 ·44	1	26	Mon. 19	2 ·85	1 ·36	—30	27	Mon. 21	5 ·03	9 ·38	4
28	Sun. 21	4 ·48	26 ·56	2	27	Tues. 20	3 ·92	2 ·47	1			6 ·98		
—29	Mon. 22	5 ·57	27 ·66	3	28	Wed. 21	4 ·99	3 ·57	2	28	Tues. 22	7 ·90	10 ·35	5
1	Tues. 23	6 ·66	1 ·77	4	29	Thur. 22	... ...	4 ·64	3	29	Wed. 23	8 ·82	11 ·31	6
2	Wed. 24	7 ·74	2 ·86	5	30	Fri. 23	5 ·03	5 ·69	4	30	Thur. 24	9 ·73	12 ·25	7
3	Thur. 25	8 ·80	3 ·95	6	—31	Sat. 24	6 ·06	6 ·73	5	—31	Fri. 25	10 ·63	13 ·19	8
4	Fri. 26	9 ·86	... ...	7	1	Sun. 25	7 ·06	7 ·74	6	1	Sat. 26	11 ·52	14 ·11	9
5	Sat. 27	10 ·89	4 ·02	8	2	Mon. 26	8 ·05	8 ·74	7				15 ·04	
6	Sun. 28	11 ·90	5 ·07	9			9 ·01			2	Sun. 27	12 ·42	16 ·98	10
7	Mon. 29	12 ·88	6 ·09	10	3	Tues. 27	10 ·96	9 ·72	8	3	Mon. 28	13 ·32	17 ·92	11
8	Tues. 30	13 ·86	7 ·10	11	4	Wed. 28	11 ·89	10 ·68	9	4	Tues. 29	14 ·23	18 ·87	12
9	Wed. 31	14 ·81	8 ·08	12	5	Thur. 29	12 ·81	11 ·63	10	5	Wed. 30	P ·15	19 ·83	13
					6	Fri. 30	13 ·72	12 ·57	11	6	Thur. 31	1 ·08	20 ·80	14
	Feb.				7	Sat. 31	14 ·62	13 ·51	12					
10	Thur. ○ 1	P ·74	9 ·06	13		**April.**					**June.**			
			10 ·01		8	Sun. 1	P ·52	14 ·44	13	7	Fri. 1	2 ·02	21 ·79	15
11	Fri. 2	1 ·66	11 ·96	14	9	Mon. 2	1 ·42	15 ·37	14			3 ·99		
12	Sat. 3	2 ·56	12 ·89	15	10	Tues. 3	2 ·32	16 ·30	15	8	Sat. 2	4 ·97	22 ·81	16
13	Sun. 4	3 ·47	13 ·82	16	11	Wed. 4	3 ·22	17 ·24	16	9	Sun. 3	5 ·98	23 ·84	17
14	Mon. 5	4 ·38	14 ·75	17	12	Thur. 5	4 ·14	18 ·20	17	10	Mon. 4	... ...	24 ·89	18
15	Tues. 6	5 ·28	15 ·70	18	13	Fri. 6	5 ·08	19 ·17	18	11	Tues. 5	6 ·00	25 ·96	19
16	Wed. 7	6 ·18	16 ·63	19	14	Sat. 7	6 ·03	20 ·15	19	12	Wed. 6	7 ·05	... ...	20
17	Thur. 8	7 ·09	17 ·57	20			7 ·00			13	Thur. 7	8 ·12	26 ·05	21
		8 ·01			15	Sun. 8	8 ·98	21 ·15	20	14	Fri. 8	9 ·20	27 ·16	22
18	Fri. 9	9 ·94	18 ·53	21	16	Mon. 9	... ...	22 ·17	21	15	Sat. 9	10 ·28	1 ·27	23
19	Sat. 10	10 ·90	19 ·50	22	17	Tues. 10	9 ·00	23 ·21	22	16	Sun. 10	11 ·36	2 ·37	24
20	Sun. 11	11 ·87	20 ·50	23	18	Wed. 11	10 ·02	24 ·28	23	17	Mon. 11	12 ·43	3 ·47	25
21	Mon. 12	12 ·86	21 ·51	24	19	Thur. 12	11 ·06	25 ·36	24	18	Tues. 12	13 ·49	4 ·56	26
22	Tue 13	13 ·87	22 ·54	25	20	Fri. 13	12 ·12	26 ·45	25	19	Wed. 13	14 ·54	5 ·64	27
23	Wed. 14	14 ·90	23 ·59	26	21	Sat. 14	13 ·20	27 ·55	26	20	Thur 14	—A ·56	6 ·68	28
24	Thur. 15	—A ·95	24 ·66	27	22	Sun. 15	14 ·30	1 ·66	27	21	Fri. 15	1 ·57	7 ·71	—29
25	Fri. 16	... ...	25 ·76	28	23	Mon. 16	—A ·38	2 ·78	28	22	Sat. 16	2 ·55	8 ·72	1
26	Sat. 17	1 ·01	26 ·85	29	24	Tues. 17	1 ·46	3 ·86	29	23	Sun. 17	3 ·51	9 ·71	2
27	Sun. 18	2 ·09	27 ·96	1	25	Wed. 18	2 ·51	4 ·95	1	24	Mon. 18	4 ·45	10 ·69	3
28	Mon. 19	3 ·18	... ...	2	26	Thur. 19	3 ·55	... ...	2	25	Tues. 19	5 ·38	11 ·64	4
29	Tues. 20	4 ·28	1 ·07	3	27	Fri. 20	4 ·58	5 ·01	3	26	Wed. 20	6 ·30	12 ·59	5
—30	Wed. 21	5 ·35	2 ·17	4	28	Sat. 21	5 ·59	6 ·01	4	27	Thur. 21	7 ·20	13 ·52	6
1	Thur. 22	6 ·41	3 ·25	5	29	Sun. 22	6 ·57	7 ·07	5	28	Fri. 22	8 ·10	14 ·45	7
2	Fri. 23	7 ·46	4 ·33	6	30	Mon. 23	7 ·53	8 ·07	6			9 ·00		
3	Sat. 24	8 ·50	5 ·38	7	—31	Tues. 24	8 ·48	9 ·05	7	29	Sat. 23	10 ·90	15 ·88	8
4	Sun. 25	9 ·50	6 ·41	8				10 ·01		30	Sun. 24	11 ·80	16 ·33	9
5	Mon. 26	10 ·48	7 ·42	9	1	Wed. 25	9 ·41	11 ·96	8	31	Mon. 25	12 ·70	17 ·26	10
6	Tues. 27	11 ·45	8 ·41	10	2	Thur. 26	10 ·33	12 ·91	9	—32	Tues. 26	13 ·62	18 ·20	11
7	Wed. 28	12 ·40	9 ·39	11	3	Fri. 27	11 ·24	13 ·85	10	1	Wed. 27	14 ·55	19 ·16	12
					4	Sat. 28	12 ·14	14 ·78	11	2	Thur. 28	P ·50	20 ·13	13
							13 ·04			3	Fri. 29	1 ·46	21 ·12	14
					5	Sun. 29	14 ·93	15 ·70	12	4	Sat. 30	2 ·45	22 ·13	15
					6	Mon. 30	P ·84	16 ·64	13					

Vṛisha. Makara—Tai. Pausha. Bahula. Sukla. Māgha. Vṛisha. Kumbha—Māsi. Phālguna. Sukla. Bahula. Sukla. Phāl. Vṛisha. Mīna—Paṅguni. Chitrabhānu. Mēsha—Chittirai. Chaitra. Bahula. Sukla. Vaiśākha. Chitrabhānu. Vṛishabha—Vaigāsi. Bahula. Sukla. Jyeshtha. Chitrabhānu. Mithuna—Āni. Bahula. Sukla. Āshādha.

H. 557 Muharram. H. 557 Ṣafar. H. 557 Rabi-ul awwal. H. 557 Rabi-ul ākhir. H. 557 Jamāda'l awwal. H. 557 Jamāda'l ākhir. H. 557 Rajab.

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. Bhad. 27. Rev.

A.D. 1162. **Kollam 338,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 558.** **Vikrama 1219.**
A—Amāvāsyā. Commences Commences **Dec. 10.** **Bengal San. 568.**
P—Paurnimā. **(N. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sun.	1	3 ·46	23 ·15	16	5	Sat.	1	6 ·94	3 ·38	19	6	Thur.	1	7 ·26	9 ·34	21
6	Mon.	2	4 ·49	24 ·20	17	6	Sun.	2	... ...	4 ·48	20	7	Fri.	2	8 ·23	10 ·33	22
7	Tues.	3	5 ·54	25 ·27	18	7	Mon.	3	7 ·00	5 ·56	21	8	Sat.	3	9 ·17	11 ·31	23
8	Wed.	4	6 ·60	26 ·36	19	8	Tues.	4	8 ·05	6 ·62	22	9	Sun.	4	10 ·10	12 ·27	24
9	Thur.	5	7 ·68	27 ·46	20	9	Wed.	5	9 ·08	7 ·66	23				11 ·03		
10	Fri.	6	8 ·76	1 ·57	21	10	Thur.	6	10 ·08	8 ·68	24	10	Mon.	5	12 ·94	13 ·22	25
11	Sat.	7	9 ·84	2 ·67	22	11	Fri.	7	11 ·07	9 ·69	25	11	Tues.	6	13 ·84	14 ·16	26
12	Sun.	8	10 ·91	3 ·77	23	12	Sat.	8	12 ·03	10 ·67	26	12	Wed.	7	14 ·74	15 ·09	27
13	Mon.	9	11 ·98	4 ·87	24				13 ·98							16 ·01	
14	Tues.	10	... ...	5 ·94	25	13	Sun.	9	14 ·91	11 ·64	27	13	Thur.	8	—A ·65	17 ·95	28
15	Wed.	11	12 ·03	... ...	26	14	Mon.	10	—A ·83	12 ·59	28	14	Fri.	9	1 ·55	18 ·89	29
16	Thur.	12	13 ·04	6 ·00	27	15	Tues.	11	1 ·74	13 ·54	29	15	Sat.	10	2 ·46	19 ·83	30
17	Fri.	13	14 ·05	7 ·03	28	16	Wed.	12	2 ·64	14 ·48	—30	16	Sun.	11	3 ·39	20 ·78	1
18	Sat. ●	14	A ·03	8 ·04	29	17	Thur.	13	3 ·54	15 ·40	1	17	Mon.	12	4 ·33	21 ·75	2
			1 ·99			18	Fri.	14	4 ·44	16 ·34	2	18	Tues.	13	5 ·28	22 ·74	3
19	Sun.	15	2 ·93	9 ·03	—30	19	Sat.	15	5 ·34	17 ·27	3	19	Wed.	14	6 ·25	23 ·74	4
				10 ·02		20	Sun.	16	6 ·25	18 ·22	4	20	Thur.	15	7 ·24	24 ·77	5
20	Mon.	16	3 ·87	11 ·97	1	21	Mon.	17	7 ·17	19 ·16	5	21	Fri.	16	8 ·25	25 ·81	6
21	Tues.	17	4 ·79	12 ·92	2	22	Tues.	18	8 ·11	20 ·12	6	22	Sat.	17	9 ·28	26 ·88	7
22	Wed.	18	5 ·69	13 ·86	3	23	Wed.	19	9 ·06	21 ·10	7	23	Sun.	18	10 ·34	27 ·97	8
23	Thur.	19	6 ·59	14 ·79	4	24	Thur.	20	10 ·03	22 ·09	8	24	Mon.	19	11 ·41	... ...	9
24	Fri.	20	7 ·48	15 ·73	5	25	Fri.	21	11 ·01	23 ·10	9	25	Tues.	20	12 ·50	1 ·07	10
25	Sat.	21	8 ·38	16 ·66	6	26	Sat.	22	12 ·03	24 ·14	10	26	Wed.	21	13 ·59	2 ·17	11
26	Sun.	22	9 ·28	17 ·59	7	27	Sun.	23	13 ·06	25 ·20	11	27	Thur.	22	14 ·67	3 ·28	12
27	Mon.	23	10 ·19	18 ·54	8	28	Mon.	24	14 ·12	26 ·27	12	28	Fri.	23	P ·75	4 ·38	13
28	Tues.	24	11 ·11	19 ·49	9	29	Tues.	25	P ·18	27 ·36	13	29	Sat.	24	1 ·82	5 ·48	14
			12 ·05			30	Wed.	26	1 ·26	1 ·46	14	—30	Sun.	25	2 ·87	6 ·56	15
29	Wed.	25	13 ·99	20 ·46	10	—31	Thur.	27	2 ·35	2 ·57	15	1	Mon.	26	3 ·89	7 ·61	16
30	Thur.	26	14 ·95	21 ·45	11	1	Fri.	28	3 ·43	3 ·68	16	2	Tues.	27	4 ·91	8 ·65	17
—31	Fri. ○	27	P ·94	22 ·45	12	2	Sat.	29	4 ·51	4 ·78	17	3	Wed.	28	5 ·89	9 ·66	18
1	Sat.	28	1 ·95	23 ·47	13	3	Sun.	30	5 ·57	5 ·86	18	4	Thur.	29	6 ·86	10 ·67	19
2	Sun.	29	2 ·98	24 ·51	14							5	Fri.	30	7 ·81	11 ·64	20
3	Mon.	30	... ...	25 ·58	15												
4	Tues.	31	3 ·03	26 ·66	16												
	Aug.						**Oct.**						**Dec.**				
5	Wed.	1	4 ·09	27 ·76	17	4	Mon.	1	6 ·62	6 ·93	19	6	Sat.	1	8 ·75	12 ·61	21
6	Thur.	2	5 ·17	1 ·86	18	5	Tues.	2	7 ·65	7 ·98	20	7	Sun.	2	9 ·66	13 ·55	22
7	Fri.	3	6 ·25	2 ·97	19	6	Wed.	3	8 ·65	... ...	21	8	Mon.	3	10 ·57	14 ·49	23
8	Sat.	4	7 ·34	... ...	20	7	Thur.	4	9 ·64	8 ·01	22	9	Tues.	4	11 ·48	15 ·42	24
9	Sun.	5	8 ·41	3 ·07	21	8	Fri.	5	10 ·61	9 ·02	23	10	Wed.	5	12 ·38	16 ·36	25
10	Mon.	6	9 ·47	4 ·18	22		Sat.	6		10 ·00		11	Thur.	6	13 ·29	17 ·29	26
11	Tues.	7	10 ·52	5 ·25	23	9			11 ·56	11 ·97	24	12	Fri.	7	14 ·19	18 ·23	27
12	Wed.	8	11 ·55	6 ·31	24		Sun.	7	12 ·49	12 ·94	25	13	Sat.	8	—A ·11	19 ·17	28
13	Thur.	9	12 ·55	7 ·35	25	10	Mon.	8	13 ·41	13 ·88	26	14	Sun.	9	1 ·03	20 ·12	—29
14	Fri.	10	13 ·54	8 ·36	26	11	Tues.	9	14 ·32	14 ·82	27				2 ·97		
15	Sat.	11	14 ·50	9 ·37	27	12	Wed.	10	—A ·22	15 ·75	28	15	Mon.	10	3 ·92	21 ·09	1
16	Sun.	12	A ·44	10 ·35	28	13	Thur.	11	1 ·12	16 ·68	—29	16	Tues.	11	4 ·89	22 ·07	2
17	Mon.	13	1 ·37	11 ·31	—29	14						17	Wed.	12	5 ·89	23 ·07	3
18	Tues.	14	2 ·30	12 ·26	1		Fri.	12	2 ·03	17 ·62	1	18	Thur.	13	6 ·90	24 ·09	4
19	Wed.	15	3 ·20	13 ·20	2	15			3 ·94			19	Fri.	14	7 ·94	25 ·12	5
20	Thur.	16	4 ·10	14 ·14	3	16	Sat.	13	4 ·85	18 ·55	2	20	Sat.	15	8 ·99	26 ·19	6
			5 ·00			17	Sun.	14	5 ·77	19 ·50	3	21	Sun.	16	... ...	27 ·27	7
21	Fri.	17	6 ·90	15 ·07	4	18	Mon.	15	6 ·70	20 ·45	4	22	Mon.	17	9 ·06	1 ·36	8
				16 ·00		19	Tues.	16	7 ·65	21 ·42	5	23	Tues.	18	10 ·14	2 ·47	9
22	Sat.	18	7 ·80	17 ·93	5	20	Wed.	17	8 ·63	22 ·43	6	24	Wed.	19	11 ·23	3 ·58	10
23	Sun.	19	8 ·70	18 ·86	6	21	Thur.	18	9 ·61	23 ·43	7	25	Thur.	20	12 ·32	4 ·69	11
24	Mon.	20	9 ·62	19 ·83	7	22	Fri.	19	10 ·63	24 ·46	8	26	Fri.	21	13 ·40	5 ·78	12
25	Tues.	21	10 ·56	20 ·78	8	23	Sat.	20	11 ·66	25 ·50	9	27	Sat.	22	14 ·47	6 ·86	13
26	Wed.	22	11 ·51	21 ·77	9	24	Sun.	21	12 ·71	26 ·57	10	28	Sun.	23	P ·52	7 ·92	14
27	Thur.	23	12 ·48	22 ·77	10	25	Mon.	22	13 ·78	27 ·66	11	—29	Mon.	24	1 ·55	8 ·96	15
28	Fri.	24	13 ·46	23 ·78	11	26	Tues.	23	14 ·87	1 ·77	12	1	Tues.	25	2 ·55	9 ·98	16
29	Sat.	25	14 ·47	24 ·83	12	27	Wed.	24	P ·95	2 ·88	13	2	Wed.	26	3 ·54	10 ·99	17
30	Sun.	26	P ·50	25 ·88	13	28	Thur.	25	... ...	3 ·98	14	3	Thur.	27	4 ·51	11 ·97	18
—31	Mon.	27	1 ·55	26 ·97	14	—29	Fri.	26	1 ·03	... ...	15	4	Fri.	28	5 ·45	12 ·94	19
1	Tues.	28	2 ·62	... ...	15	1	Sat.	27	2 ·11	4 ·08	16	5	Sat.	29	6 ·39	13 ·89	20
2	Wed.	29	3 ·70	27 ·06	16	2	Sun.	28	3 ·18	5 ·16	17	6	Sun.	30	7 ·31	14 ·83	21
3	Thur.	30	4 ·79	1 ·16	17	3	Mon.	29	4 ·24	6 ·24	18	7	Mon.	31	8 ·23	15 ·77	22
4	Fri.	31	5 ·87	2 ·27	18	4	Tues.	30	5 ·26	7 ·30	19						
						5	Wed.	31	6 ·27	8 ·33	20						

Chitrabhānu. **Karkataka—Ādi.** *Bahula.* *Śukla.* *Chitrabhānu.* **Kanyā—Purattāsi.** *Bahula.* *Śukla.* *Chitrabhānu.* **Vriśchika—Kārttigai.** *Bahula.* *Śukla.*

Chitrabhānu. **Simha—Āvani.** *Śukla.* *Bahula.* *Chitrabhānu.* **Tulā—Aippasi.** *Bahula.* *Śukla.* *Chitrabhānu.* **Dhanus—Mārgali.** *Śukla.* *Bahula.*

Bhādrapada. **Kārttika.** **Pausha.**

H. 557 *Śha'bān.* *H.* 557 *Rajab.* *H.* 557 *Ramazān.* *H.* 557 *Shawwāl.* *H.* 557 *Zi-l-ka'da.* *H.* 557 *Zi-l-hijja.* *H.* 558 *Muharram.*

H. 557 *Ramazān.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1163. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·92.** **Śaka 1085.** **Kaliyuga 4264.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·87.** **(S. Cycle) Śubhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Tues.	1	9 ·13	16 ·70	23	7	Fri.	1	10 ·90	20 ·13	23	7	Wed.	1	12 ·86	27 ·80	25
9	Wed.	2	10 ·03 / 11 ·93	17 ·68	24	8	Sat.	2	11 ·84	21 ·08	24	8	Thur.	2	13 ·90	1 ·88	26
10	Thur.	3	12 ·83	18 ·56	25	9	Sun.	3	12 ·79	22 ·05	25	9	Fri.	3	14 ·96	2 ·97	27
11	Fri.	4	13 ·75	19 ·50	26	10	Mon.	4	13 ·76	23 ·03	26	10	Sat.	4	... ...	... ...	28
12	Sat.	5	14 ·68	20 ·46	27	11	Tues.	5	14 ·74	24 ·04	27	11	Sun.	5	—A ·05	3 ·07	29
13	Sun.	6	—A ·62	21 ·42	28	12	Wed.	6	—A ·76	25 ·07	28	12	Mon.	6	1 ·13	4 ·18	—30
14	Mon.	7	1 ·57	22 ·39	29	13	Thur.	7	1 ·79	26 ·12	29	13	Tues.	7	2 ·28	5 ·30	1
15	Tues.	8	2 ·54	23 ·39	—30	14	Fri.	8	2 ·84	27 ·18	—30	14	Wed.	8	3 ·21	6 ·39	2
16	Wed.	9	3 ·53	24 ·40	1	15	Sat.	9	3 ·91	1 ·27	1	15	Thur.	9	4 ·35	7 ·47	3
17	Thur.	10	4 ·53	25 ·45	2	16	Sun.	10	4 ·99	2 ·37	2	16	Fri.	10	5 ·39	8 ·54	4
18	Fri.	11	5 ·57	26 ·50	3	17	Mon.	11	... ...	3 ·48	3	17	Sat.	11	6 ·41	9 ·58	5
19	Sat.	12	6 ·63	27 ·57	4	18	Tues.	12	5 ·07	4 ·59	4	18	Sun.	12	7 ·41	10 ·61	6
20	Sun.	13	7 ·70	1 ·66	5	19	Wed.	13	6 ·16	5 ·69	5	19	Mon.	13	8 ·39	11 ·61	7
21	Mon.	14	8 ·78	2 ·77	6	20	Thur.	14	7 ·24	6 ·78	6	20	Tues.	14	9 ·36	12 ·60	8
22	Tues.	15	9 ·87	3 ·88	7	21	Fri.	15	8 ·30	7 ·86	7	21	Wed.	15	10 ·30	13 ·57	9
23	Wed.	16	10 ·96	4 ·99	8	22	Sat.	16	9 ·35	8 ·91	8	22	Thur.	16	11 ·23	14 ·52	10
24	Thur.	17	... ...	... ...	9	23	Sun.	17	10 ·37	9 ·95	9	23	Fri.	17	12 ·14	15 ·46	11
25	Fri.	18	11 ·04	5 ·08	10	24	Mon.	18	11 ·38	10 ·96	10	24	Sat.	18	13 ·05 / 14 ·94	16 ·41	12
26	Sat.	19	12 ·11	6 ·17	11	25	Tues.	19	12 ·36	11 ·95	11						
27	Sun.	20	13 ·15	7 ·23	12	26	Wed.	20	13 ·32	12 ·94	12	25	Sun.	19	P ·84	17 ·33	13
28	Mon.	21	14 ·18	8 ·28	13	27	Thur.	21	14 ·27	13 ·90	13	26	Mon.	20	1 ·74	18 ·26	14
29	Tues.	22	P ·18	9 ·31	14	28	Fri.	22	P ·20	14 ·86	14	27	Tues.	21	2 ·64	19 ·19	15
—30	Wed.	23	1 ·17	10 ·32	15	29	Sat.	23	1 ·11	15 ·79	15	28	Wed.	22	3 ·55	20 ·13	16
1	Thur.	24	2 ·14	11 ·30	16	—30	Sun.	24	2 ·01 / 3 ·91	16 ·72	16	29	Thur.	23	4 ·47	21 ·09	17
2	Fri.	25	3 ·09	12 ·27	17	1	Mon.	25	4 ·81	17 ·66	17	30	Fri.	24	5 ·40	22 ·05	18
3	Sat.	26	4 ·02 / 5 ·94	13 ·22	18	2	Tues.	26	5 ·71	18 ·58	18	—31	Sat.	25	6 ·34	23 ·02	19
4	Sun.	27	6 ·85	14 ·18	19	3	Wed.	27	6 ·62	19 ·52	19	1	Sun.	26	7 ·31	24 ·01	20
5	Mon.	28	7 ·76	15 ·11	20	4	Thur.	28	7 ·53	20 ·46	20	2	Mon.	27	8 ·30	25 ·02	21
6	Tues.	29	8 ·67	16 ·04 / 17 ·97	21	5	Fri.	29	8 ·46	21 ·41	21	3	Tues.	28	9 ·30	26 ·06	22
7	Wed.	30	9 ·57	18 ·90	22	6	Sat.	30	9 ·39	22 ·38	22	4	Wed.	29	10 ·34	27 ·11	23
8	Thur.	31	10 ·47	19 ·85	23	7	Sun.	31	10 ·34	23 ·37	23	5	Thur.	30	11 ·39	1 ·18	24
		Feb.						**April.**				6	Fri.	31	12 ·46	2 ·27	25
9	Fri.	1	11 ·38	20 ·79	24	8	Mon.	1	11 ·31	24 ·37	24			**June.**			
10	Sat.	2	12 ·30	21 ·75	25	9	Tues.	2	12 ·30	25 ·39	25	7	Sat.	1	13 ·53	3 ·37	26
11	Sun.	3	13 ·24	22 ·72	26	10	Wed.	3	13 ·31	26 ·43	26	8	Sun.	2	14 ·62	4 ·49	27
12	Mon.	4	14 ·19	23 ·71	27	11	Thur.	4	14 ·33	27 ·49	27	9	Mon.	3	—A ·70	5 ·59	28
13	Tues.	5	—A ·17	24 ·73	28	12	Fri.	5	—A ·38	1 ·58	28	10	Tues.	4	1 ·77	6 ·69	—29
14	Wed.	6	1 ·15	25 ·76	—29	13	Sat.	6	1 ·45	2 ·67	—29	11	Wed.	5	2 ·83	7 ·78	1
15	Thur.	7	2 ·17	26 ·81	1	14	Sun.	7	2 ·52	3 ·78	1	12	Thur.	6	3 ·87	8 ·85	2
16	Fri.	8	3 ·20	27 ·88	2	15	Mon.	8	3 ·62	4 ·88	2	13	Fri.	7	4 ·89	9 ·89	3
17	Sat.	9	4 ·25	1 ·96	3	16	Tues.	9	4 ·71	5 ·99	3	14	Sat.	8	5 ·89	10 ·93	4
18	Sun.	10	5 ·32	... ...	4	17	Wed.	10	5 ·80	... ...	4	15	Sun.	9	6 ·88	11 ·94	5
19	Mon.	11	6 ·40	2 ·06	5	18	Thur.	11	6 ·84	6 ·09	5	16	Mon.	10	7 ·83	12 ·93	6
20	Tues.	12	7 ·49	3 ·18	6	19	Fri.	12	7 ·88	7 ·17	6	17	Tues.	11	8 ·77	13 ·90	7
21	Wed.	13	8 ·58	4 ·29	7	20	Sat.	13	8 ·90	8 ·23	7	18	Wed.	12	9 ·71	14 ·85	8
22	Thur.	14	9 ·66	5 ·39	8	21	Sun.	14	9 ·91	9 ·26	8	19	Thur.	13	10 ·62	15 ·80	9
23	Fri.	15	10 ·72	6 ·47	9	22	Mon.	15	10 ·89	10 ·28	9	20	Fri.	14	11 ·52	16 ·74	10
24	Sat.	16	11 ·77	7 ·54	10	23	Tues.	16	11 ·86	11 ·29	10	21	Sat.	15	12 ·42	17 ·67	11
25	Sun.	17	12 ·79	8 ·60	11	24	Wed.	17	12 ·80	12 ·27	11	22	Sun.	16	13 ·32	18 ·60	12
26	Mon.	18	13 ·80	9 ·63	12	25	Thur.	18	13 ·73	13 ·23	12	23	Mon.	17	14 ·21	19 ·53	13
27	Tues.	19	14 ·79	10 ·64	13	26	Fri.	19	14 ·64	14 ·18	13	24	Tues. ○	18	P ·11	20 ·48	14
28	Wed.	20	P ·75	11 ·63	14	27	Sat.	20	P ·55	15 ·12	14	25	Wed.	19	1 ·02 / 2 ·94	21 ·42	15
29	Thur.	21	1 ·70	12 ·60	15	28	Sun.	21	1 ·45	16 ·06 / 17 ·99	15	26	Thur.	20	3 ·87	22 ·38	16
—30	Fri.	22	2 ·63	13 ·57	16	29	Mon.	22	2 ·35	18 ·93	16	27	Fri.	21	4 ·82	23 ·35	17
1	Sat.	23	3 ·55	14 ·51	17	30	Tues.	23	3 ·24	19 ·86	17	28	Sat.	22	5 ·79	24 ·33	18
2	Sun.	24	4 ·46	15 ·45	18	—31	Wed.	24	4 ·14	20 ·80	18	29	Sun.	23	6 ·77	25 ·35	19
3	Mon.	25	5 ·36	16 ·38	19	1	Thur.	25	5 ·06 / 6 ·98	21 ·74	19	30	Mon.	24	7 ·79	26 ·37	20
4	Tues.	26	6 ·26	17 ·31	20	2	Fri.	26	7 ·91	22 ·72	20	31	Tues.	25	8 ·82	27 ·42	21
5	Wed.	27	7 ·16	18 ·25	21	3	Sat.	27	8 ·85	23 ·69	21	—32	Wed.	26	9 ·86	1 ·49	22
6	Thur.	28	8 ·06 / 9 ·97	19 ·18	22	4	Sun.	28	9 ·82	24 ·69	22	1	Thur.	27	10 ·93	2 ·57	23
						5	Mon.	29	10 ·81	25 ·70	23	2	Fri.	28	... ...	3 ·68	24
						6	Tues.	30	11 ·82	26 ·74	24	3	Sat.	29	11 ·01	4 ·79	25
												4	Sun.	30	12 ·09	5 ·89	26

Chitrabhānu. Makara—Tai. Śukla. Magha. Paushya. Bahula.
Chitrabhānu. Kumbha—Māśi. Śukla. Phālguna. Paushya. Bahula.
Subhānu. Mēsha—Chittirai. Śukla. Vaiśākha. Paushya. Bahula.
Chitrabhānu. Mina—Paṅguni. Śukla. Chaitra. Paushya. Bahula.
Subhānu. Vrishabha—Vaigāśi. Śukla. Jeyshṭha. Paushya. Bahula.
Subhānu. Mithuna—Āni. Śukla. Āshādha. Paushya. Bahula.

H. 558 Muharram. Śafar. Rabi-ul awwal. Rabi-ul ākhir. Jamāda'l awwal. Jamāda'l ākhir. Rajab.

Nahsh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Pusu. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1163. **Kollam 339,** { **N. Malabar—Aug.** **Hijra 559.** **Vikrama 1220.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 30.** **Bengal San. 569.**
P—Paurnimā. **(N. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Mon.	1	13 ·17	6 ·99	27	5	Sun.	1	1 ·34	13 ·90	—30						
6	Tues.	2	14 ·25	... ...	28	6	Mon.	2	2 ·29	14 ·86	1	5	Fri.	1	3 ·03 / 4 ·93	19 ·23	2
7	Wed. ●	3	—A ·31	7 ·08	29	7	Tues.	3	3 ·21	15 ·81	2	6	Sat.	2	5 ·83	20 ·16	3
8	Thur.	4	1 ·34	8 ·15	—30	8	Wed.	4	4 ·13	16 ·75	3	7	Sun.	3	6 ·74	21 ·11	4
9	Fri.	5	2 ·37	9 ·20	1	9	Thur.	5	5 ·03 / 6 ·93	17 ·70	4	8	Mon.	4	7 ·67	22 ·05	5
10	Sat.	6	3 ·37	10 ·25	2				*Sukla.*			9	Tues.	5	8 ·61	23 ·00 / 24 ·97	6
11	Sun.	7	4 ·35	11 ·26	3	10	Fri.	6	7 ·83	18 ·63	5				*Sukla.*		
12	Mon.	8	5 ·31	12 ·25	4	11	Sat.	7	8 ·74	19 ·56	6	10	Wed.	6	9 ·56	25 ·95	7
13	Tues.	9	6 ·26	13 ·23	5	12	Sun.	8	9 ·64	20 ·49	7	11	Thur.	7	10 ·54	26 ·97	8
14	Wed.	10	7 ·17	14 ·20	6	13	Mon.	9	10 ·55	21 ·43	8	12	Fri.	8	11 ·53	27 ·99	9
15	Thur.	11	8 ·10	15 ·14	7	14	Tues.	10	11 ·47	22 ·38	9	13	Sat.	9	12 ·53	.. ...	10
16	Fri.	12	9 ·00 / 10 ·90	16 ·08	8	15	Wed.	11	12 ·40	23 ·35	10	14	Sun.	10	13 ·58	1 ·03	11
				17 ·01 / 18 ·94		16	Thur.	12	13 ·36	24 ·32	11	15	Mon.	11	14 ·63	2 ·10	12
17	Sat.	13	11 ·80		9	17	Fri.	13	14 ·33	25 ·31	12	16	Tues.	12	P ·71	3 ·18	13
18	Sun.	14	12 ·70	19 ·88	10	18	Sat.	14	P ·32	26 ·32	13	17	Wed.	13	1 ·79	4 ·29	14
19	Mon.	15	13 ·60	20 ·81	11	19	Sun.	15	1 ·33	27 ·35	14	18	Thur.	14	2 ·88	5 ·39	15
20	Tues.	16	14 ·51	21 ·76	12	20	Mon.	16	2 ·37	1 ·42	15	19	Fri.	15	3 ·96	6 ·50	16
21	Wed.	17	P ·43	22 ·71	13	21	Tues.	17	3 ·42	2 ·49	16	20	Sat.	16	... ..	7 ·60	17
22	Thur.	18	1 ·35	23 ·67	14	22	Wed.	18	4 ·48	3 ·58	17	21	Sun.	17	4 ·04	8 ·69	18
23	Fri.	19	2 ·30	24 ·66	15	23	Thur.	19	5 ·56	4 ·68	18	22	Mon.	18	5 ·11	9 ·77	19
24	Sat.	20	3 ·28	25 ·66	16	24	Fri.	20	6 ·65	5 ·79	19	23	Tues.	19	6 ·15	10 ·83	20
25	Sun.	21	4 ·26	26 ·69	17	25	Sat.	21	7 ·74	6 ·90	20	24	Wed.	20	7 ·18	11 ·87	21
26	Mon.	22	5 ·27	27 ·73	18	26	Sun.	22	8 ·82	... ...	21	25	Thur.	21	8 ·19	12 ·88	22
27	Tues.	23	6 ·30	1 ·79	19	27	Mon.	23	9 ·89	7 ·00	22	26	Fri.	22	9 ·18	13 ·88	23
28	Wed.	24	7 ·35	2 ·87	20	28	Tues.	24	10 ·93	8 ·08	23	27	Sat.	23	10 ·14	14 ·85	24
29	Thur.	25	8 ·42	3 ·98	21	29	Wed.	25	11 ·95	9 ·15	24	28	Sun.	24	11 ·09	15 ·82	25
30	Fri.	26	9 ·50	... ...	22	30	Thur.	26	12 ·96	10 ·20	25				12 ·02 / 13 ·94	16 ·77	26
—31	Sat.	27	10 ·58	4 ·08	23	—31	Fri.	27	13 ·94	11 ·23	26	—29	Mon.	25			
1	Sun.	28	11 ·66	5 ·19	24	1	Sat.	28	14 ·91	12 ·22	27	1	Tues.	26	14 ·85	17 ·71	27
2	Mon.	29	12 ·74	6 ·29	25	2	Sun.	29	—A ·85	13 ·22	28	2	Wed.	27	—A ·76	18 ·64	28
3	Tues.	30	13 ·80	7 ·39	26	3	Mon.	30	1 ·78	14 ·19	—29	3	Thur.	28	1 ·66	19 ·57	29
4	Wed.	31	14 ·84	8 ·47	27							4	Fri.	29	2 ·56	20 ·52	—30
												5	Sat.	30	3 ·47	21 ·45	1
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	—A ·86	9 ·53	28	4	Tues.	1	2 ·70	15 ·15	1	6	Sun.	1	4 ·38	22 ·39	2
6	Fri.	2	1 ·87	10 ·57	—29	5	Wed.	2	3 ·60	16 ·09	2	7	Mon.	2	5 ·30	23 ·34	3
7	Sat.	3	2 ·85	11 ·58	1	6	Thur.	3	4 ·50	17 ·04 / 18 ·97	3	8	Tues.	3	6 ·24	24 ·30	4
8	Sun.	4	3 ·81	12 ·58	2							9	Wed.	4	7 ·20	25 ·28	5
9	Mon.	5	4 ·76	13 ·57	3	7	Fri.	4	*Sukla.* 5 ·41	19 ·90	4	10	Thur.	5	8 ·18	26 ·29	6
10	Tues.	6	5 ·68	14 ·53	4	8	Sat.	5	6 ·32	20 ·83	5	11	Fri.	6	9 ·16	27 ·31	7
11	Wed.	7	6 ·60	15 ·48	5	9	Sun.	6	7 ·22	21 ·76	6	12	Sat.	7	10 ·19	1 ·34	8
12	Thur.	8	7 ·50	16 ·42	6	10	Mon.	7	8 ·13	22 ·72	7	13	Sun.	8	11 ·22	2 ·40	9
13	Fri.	9	8 ·40	17 ·35	7	11	Tues.	8	9 ·05 / 10 ·99	23 ·67	8	14	Mon.	9	12 ·28	3 ·48	10
14	Sat.	10	9 ·30	18 ·29	8							15	Tues.	10	13 ·35	4 ·58	11
15	Sun.	11	10 ·20	19 ·22	9	12	Wed.	9	11 ·94	24 ·64	9	16	Wed.	11	14 ·43	5 ·69	12
16	Mon.	12	11 ·10	20 ·15	10	13	Thur.	10	12 ·91	25 ·63	10	17	Thur. ○	12	P ·52	6 ·80	13
17	Tues.	13	12 ·01 / 13 ·93	21 ·09	11	14	Fri.	11	13 ·91	26 ·64	11	18	Fri.	13	1 ·61	7 ·90	14
						15	Sat.	12	14 ·92	27 ·67	12	19	Sat.	14	2 ·69	8 ·99	15
18	Wed.	14	14 ·86	22 ·04	12	16	Sun.	13	P ·96	1 ·72	13	20	Sun.	15	3 ·75	... ...	16
19	Thur.	15	P ·82	23 ·01 / 24 ·99	13	17	Mon.	14	... ...	2 ·79	14	21	Mon.	16	4 ·80	9 ·08	17
						18	Tues.	15	1 ·01	3 ·88	15	22	Tues.	17	5 ·83	10 ·14	18
20	Fri.	16	1 ·79	25 ·99	14	19	Wed.	16	2 ·08	4 ·98	16	23	Wed.	18	6 ·83	11 ·18	19
21	Sat.	17	2 ·77	.. ...	15	20	Thur.	17	3 ·16	... ...	17	24	Thur.	19	7 ·82	12 ·20	20
22	Sun.	18	3 ·79	26 ·00	16	21	Fri.	18	4 ·25	5 ·09	18	25	Fri.	20	8 ·79	13 ·20	21
23	Mon.	19	4 ·82	27 ·04	17	22	Sat.	19	5 ·34	6 ·20	19	26	Sat.	21	9 ·74	14 ·19	22
24	Tues.	20	5 ·87	1 ·10	18	23	Sun.	20	6 ·41	7 ·30	20	27	Sun.	22	10 ·67	15 ·16	23
25	Wed.	21	6 ·93	2 ·19	19	24	Mon.	21	7 ·47	8 ·39	21	28	Mon.	23	11 ·60	16 ·11	24
26	Thur.	22	... ...	3 ·28	20	25	Tues.	22	8 ·52	9 ·46	22	29	Tues.	24	12 ·50	17 ·05 / 18 ·98	25
27	Fri.	23	7 ·01	4 ·38	21	26	Wed.	23	9 ·56	10 ·52	23						
28	Sat.	24	8 ·10	5 ·49	22	27	Thur.	24	10 ·56	11 ·55	24	—30	Wed.	25	13 ·40	19 ·92	26
29	Sun.	25	9 ·19	6 ·59	23	28	Fri.	25	11 ·55	12 ·56	25	1	Thur.	26	14 ·31	20 ·85	27
30	Mon.	26	10 ·28	7 ·70	24	29	Sat.	26	12 ·51	13 ·55	26	2	Fri.	27	—A ·21	21 ·78	28
—31	Tues.	27	11 ·32	8 ·78	25	—30	Sun.	27	13 ·46	14 ·52	27	3	Sat.	28	1 ·12	22 ·72	29
1	Wed.	28	12 ·37	9 ·84	26	1	Mon.	28	14 ·39	15 ·48	28	4	Sun.	29	2 ·03 / 3 ·96	23 ·67	—30
2	Thur.	29	13 ·39	10 ·88	27	2	Tues.	29	—A ·31	16 ·44	29						
3	Fri.	30	14 ·40	11 ·90	28	3	Wed.	30	1 ·22	17 ·37	—30	5	Mon.	30	4 ·89	24 ·64	1
4	Sat.	31	—A ·38	12 ·91	29	4	Thur.	31	2 ·12	18 ·31	1	6	Tues.	31	5 ·85	25 ·62	2

Subhānu. **Karkaṭaka—Ādi.** *Śrāvaṇa.* *Bahula.* *Śukla.* *H. 558 Sha'bān.*

Subhānu. **Siṁha—Āvaṇi.** *Bhādrapada.* *Bahula.* *Śukla.* *H. 558 Ramaḍn.*

Subhānu. **Kanyā—Puraṭṭāśi.** *Āśvina.* *Bahula.* *Śukla.* *H. 558 Shawwāl.*

Subhānu. **Tulā—Aippaśi.** *Kārttika.* *Bahula.* *Śukla.* *H. 558 Zi-l-ka'da.*

Subhānu. **Vṛśchika—Karttigai.** *Mārgaśirsha.* *Bahula.* *Śukla.* *H. 558 Zi-l-hijja.*

Subhānu. **Dhanus—Mārgaḷi.** *Pausha.* *Bahula.* *Śukla.* *H. 559 Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1164. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·18. **Śaka 1086.** **Kaliyuga 4265.**
Lunar Ecipse. ○ (Arya Sid.) March 24·13. (S. Cycle) Tāraṇa.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
7	Wed. 1	6 ·83	26 ·61	3	8	Sun. 1	6 ·15	4 ·49	4	8	Fri. 1	8 ·68	10 ·69	6
8	Thur. 2	7 ·81	27 ·62	4	9	Mon. 2	7 ·22	5 ·58	5	9	Sat. 2	9 ·71	11 ·76	7
9	Fri. 3	8 ·83	1 ·66	5	10	Tues. 3	8 ·30	6 ·70	6	10	Sun. 3	10 ·73	12 ·80	8
10	Sat. 4	9 ·87	2 ·71	6	11	Wed. 4	9 ·38	7 ·81	7	11	Mon. 4	11 ·73	13 ·82	9
11	Sun. 5	10 ·93	3 ·79	7	12	Thur. 5	10 ·47	8 ·91	8	12	Tues. 5	12 ·72	14 ·82	10
12	Mon. 6	... ...	4 ·89	8	13	Fri. 6	11 ·55	... ...	9	13	Wed. 6	13 ·68	15 ·82	11
13	Tues. 7	11 ·00	5 ·99	9	14	Sat. 7	12 ·61	9 ·00	10	14	Thur. 7	14 ·62	16 ·79	12
14	Wed. 8	12 ·08	... ...	10	15	Sun. 8	13 ·65	10 ·07	11	15	Fri. 8	P ·54	17 ·74	13
15	Thur. 9	13 ·17	6 ·09	11	16	Mon. 9	14 ·68	11 ·14	12	16	Sat. 9	1 ·46	18 ·68	14
16	Fri. 10	14 ·26	7 ·20	12	17	Tues. 10	P ·68	12 ·17	13	17	Sun. 10	2 ·36	19 ·61	15
17	Sat. 11	P ·34	8 ·31	13	18	Wed. 11	1 ·66	13 ·18	14	18	Mon. 11	3 ·25	20 ·55	16
18	Sun. 12	1 ·40	9 ·39	14	19	Thur. 12	2 ·63	14 ·17	15	19	Tues. 12	4 ·16	21 ·48	17
19	Mon. 13	2 ·45	10 ·45	15	20	Fri. 13	3 ·57	15 ·15	16	20	Wed. 13	5 ·05	22 ·41	18
20	Tues. 14	3 ·47	11 ·50	16	21	Sat. 14	4 ·48	16 ·12	17			6 ·95		
21	Wed. 15	4 ·48	12 ·52	17	22	Sun. 15	5 ·41	17 ·07	18	21	Thur. 14	7 ·86	23 ·35	19
22	Thur. 16	5 ·46	13 ·54	18				18 ·01		22	Fri. 15	8 ·78	24 ·30	20
23	Fri. 17	6 ·44	14 ·52	19	23	Mon. 16	6 ·32	19 ·95	19	23	Sat. 16	9 ·71	25 ·27	21
24	Sat. 18	7 ·38	15 ·49	20	24	Tues. 17	7 ·22	20 ·87	20	24	Sun. 17	10 ·66	26 ·24	22
25	Sun. 19	8 ·30	16 ·44	21	25	Wed. 18	8 ·12	21 ·80	21	25	Mon. 18	11 ·64	27 ·23	23
26	Mon. 20	9 ·22	17 ·39	22			9 ·02			26	Tues. 19	12 ·62	1 ·24	24
27	Tues. 21	10 ·13	18 ·33	23	26	Thur. 19	10 ·92	22 ·74	22	27	Wed. 20	13 ·63	2 ·27	25
		11 ·05					11 ·84	23 ·68		28	Thur. 21	14 ·66	3 ·33	26
28	Wed. 22	12 ·95	19 ·26	24	27	Fri. 20	12 ·76	24 ·63	23	29	Fri. 22	A ·72	4 ·40	27
29	Thur. 23	13 ·85	20 ·19	25	28	Sat. 21	13 ·69	25 ·60	24	30	Sat. 23	1 ·79	5 ·49	28
1	Fri. 24	14 ·75	21 ·12	26	29	Sun. 22	14 ·64	26 ·58	25	31	Sun. 24	2 ·87	6 ·59	29
2	Sat. 25	A ·65	22 ·06	27	30	Mon. 23	A ·62	27 ·59	26	1	Mon. 25	3 ·95	7 ·70	1
		23 ·00			1	Tues. 24	1 ·60	1 ·61	27	2	Tues. 26	... ...	8 ·80	2
3	Sun. 26	1 ·58	24 ·97	28	2	Wed. 25	2 ·61	2 ·65	28	3	Wed. 27	4 ·03	9 ·91	3
4	Mon. 27	2 ·52	25 ·94	29	3	Thur. 26	3 ·65	3 ·71	29	4	Thur. 28	5 ·10	... .	4
5	Tues. 28	3 ·48	26 ·93	1	4	Fri. 27	4 ·70	4 ·79	1	5	Fri. 29	6 ·16	10 ·00	5
6	Wed. 29	4 ·45	27 ·94	2	5	Sat. 28	5 ·77	5 ·88	2	6	Sat. 30	7 ·21	11 ·07	6
7	Thur. 30	5 ·45	1 ·97	3	6	Sun. 29	6 ·85	6 ·98	3	7	Sun. 31	8 ·22	12 ·11	7
8	Fri. 31	6 ·46	... ...	4	7	Mon. 30	7 ·95	... ...	4					
	Feb.				8	Tues. 31			5		**June.**			
9	Sat. 1	7 ·49	2 ·03	5		**April.**				8	Mon. 1	9 ·22	13 ·14	8
10	Sun. 2	8 ·55	3 ·10	6	9	Wed. 1	... ...	7 ·10	6	9	Tues. 2	10 ·21	14 ·16	9
11	Mon. 3	9 ·62	4 ·19	7	10	Thur. 2	8 ·03	8 ·21	7	10	Wed. 3	11 ·16	15 ·15	10
12	Tues. 4	10 ·70	5 ·28	8	11	Fri. 3	9 ·10	9 ·30	8	11	Thur. 4	12 ·10	16 ·12	11
13	Wed. 5	11 ·79	6 ·39	9	12	Sat. 4	10 ·15	10 ·39	9			13 ·02		
14	Thur. 6	12 ·88	7 ·51	10	13	Sun. 5	11 ·19	11 ·45	10	12	Fri. 5	14 ·94	17 ·07	12
15	Fri. 7	13 ·96	8 ·61	11	14	Mon. 6	12 ·22	12 ·49	11				18 ·02	
16	Sat. 8	... ...	9 ·69	12	15	Tues. 7	13 ·22	13 ·50	12	13	Sat.○ 6	P ·84	19 ·96	13
17	Sun. 9	14 ·02	10 ·76	13	16	Wed. 8	14 ·21	14 ·50	13	14	Sun. 7	1 ·74	20 ·89	14
18	Mon. 10	P ·06	11 ·81	14	17	Thur. 9	P ·17	15 ·48	14	15	Mon. 8	2 ·64	21 ·82	15
19	Tues. 11	1 ·08	12 ·85	15	18	Fri. 10	1 ·12	16 ·45	15	16	Tues. 9	3 ·53	22 ·75	16
20	Wed. 12	2 ·10	13 ·86	16			2 ·04			17	Wed. 10	4 ·43	23 ·69	17
21	Thur. 13	3 ·08	14 ·85	17	19	Sat. 11	2 ·95	17 ·39	16	18	Thur. 11	5 ·34	24 ·64	18
		4 ·05			20	Sun. 12	4 ·86	18 ·34	17	19	Fri. 12	6 ·26	25 ·60	19
22	Fri. 14	5 ·99	15 ·82	18	21	Mon. 13	5 ·76	19 ·28	18	20	Sat. 13	7 ·17	26 ·57	20
23	Sat. 15	6 ·92	16 ·78	19	22	Tues. 14	6 ·66	20 ·21	19	21	Sun. 14	8 ·15	27 ·55	21
24	Sun. 16	7 ·83	17 ·73	20	23	Wed. 15	7 ·56	21 ·14	20	22	Mon. 15	9 ·12	1 ·56	22
25	Mon. 17	8 ·74	18 ·67	21	24	Thur. 16	8 ·46	22 ·08	21	23	Tues. 16	10 ·10	2 ·58	23
26	Tues. 18	9 ·65	19 ·60	22			9 ·36	23 ·02		24	Wed. 17	11 ·11	3 ·64	24
27	Wed. 19	10 ·55	20 ·53	23	25	Fri. 17		24 ·96	22	25	Thur. 18	12 ·14	4 ·73	25
28	Thur. 20	11 ·46	21 ·46	24	26	Sat. 18	10 ·28	25 ·93	23	26	Fri. 19	13 ·19	5 ·79	26
29	Fri. 21	12 ·36	22 ·39	25	27	Sun. 19	11 ·22	26 ·90	24	27	Sat. 20	14 ·26	6 ·89	27
30	Sat. 22	13 ·27	23 ·35	26	28	Mon. 20	12 ·17	27 ·91	25	28	Sun.● 21	A ·35	... ...	28
1	Sun. 23	14 ·19	24 ·29	27	29	Tues. 21	13 ·14	1 ·92	26	29	Mon. 22	1 ·43	7 ·00	29
2	Mon. 24	A ·12	25 ·27	28	30	Wed. 22	14 ·12	2 ·96	27	30	Tues. 23	2 ·51	8 ·11	30
3	Tues. 25	1 ·08	26 ·25	29	31	Thur. 23	A ·14	3 ·98	28	31	Wed. 24	3 ·58	9 ·21	1
4	Wed. 26	2 ·05	27 ·26	30	1	Fri. 24	1 ·17	... ...	29	1	Thur. 25	4 ·64	10 ·30	2
5	Thur. 27	3 ·04	1 ·29	1	2	Sat. 25	2 ·22	4 ·10	30	2	Fri. 26	5 ·68	11 ·37	3
6	Fri. 28	4 ·05	2 ·34	2	3	Sun. 26	3 ·29	5 ·19	1	3	Sat. 27	6 ·69	12 ·43	4
7	Sat. 29	5 ·09	3 ·40	3	4	Mon. 27	4 ·37	6 ·29	2	4	Sun. 28	7 ·70	13 ·47	5
					5	Tues. 28	5 ·46	7 ·40	3	5	Mon. 29	8 ·65	14 ·48	6
					6	Wed. 29	6 ·54	8 ·51	4	6	Tues. 30	9 ·64	15 ·47	7
					7	Thur. 30	7 ·62	9 ·60	5					

Sukhāna. Makara—Tai. Subhāna. Kumbha—Māgi. Subhāna. Mīna—Pāṅguni. Tāraṇa. Mēsha—Chittirai. Tāraṇa. Vrishabha—Vaigāsi. Tāraṇa. Mithuna—Āni.

H. 559 Safar. H. 559 Rabi-ul awwal. H. 559 Rabi-ul ākhir. H. 559 Jamāda'l awwal. H. 559 Jamāda'l ākhir. H. 559 Rajab.

Sukla. Bahula. Phālguna. Chaitra. Vaiśākha. Adhika Vaiśākha. Jyeshtha. Āshāḍha.

Naksh:—1. Aśvin. 2 Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Megh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1164. **Kollam 340,** { **N. Malabar—Aug.** **Hijra 560.** **Vikrama 1221.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 18.** **Bengal San. 570.**
P—Paurnimā. **(N. Cycle) Sarvajit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Wed. 1	10 ·58	16 ·45	8	5	Tues. 1	14 ·85	24 ·65	11	6	Sun. 1	1 ·84	3 ·19	13
7	Thur. 2	11 ·51	17 ·41	9	6	Wed 2	P ·77	25 ·59	12	7	Mon. 2	2 ·87	4 ·25	14
8	Fri. 3	12 ·41	18 ·35	10	7	Thur. 3	1 ·71	26 ·55	13	8	Tues. 3	3 ·93	5 ·32	15
9	Sat. 4	13 ·31	19 ·30	11	8	Fri. 4	2 ·66	27 ·54	14	9	Wed. 4	... ...	6 ·40	16
10	Sun. 5	14 ·21	20 ·23	12	9	Sat. 5	3 ·64	1 ·53	15	10	Thur. 5	4 ·00	7 ·50	17
11	Mon. 6	P ·11	21 ·16	13	10	Sun. 6	4 ·63	2 ·54	16	11	Fri. 6	5 ·09	8 ·60	18
12	Tues. 7	1 ·01 2 ·91	22 ·09	14	11	Mon. 7	5 ·64	3 ·57	17	12	Sat. 7	6 ·17	9 ·72	19
			23 ·03		12	Tues. 8	6 ·68	4 ·63	18	13	Sun. 8	7 ·27	10 ·82	20
13	Wed. 8	3 ·82	24 ·98	15	13	Wed. 9	7 ·73	5 ·71	19	14	Mon. 9	8 ·34	11 ·91	21
14	Thur. 9	4 ·74	25 ·94	16	14	Thur. 10	8 ·80	6 ·80	20	15	Tues. 10	9 ·40	12 ·99	22
15	Fri. 10	5 ·68	26 ·89	17	15	Fri. 11	9 ·88	7 ·90	21	16	Wed. 11	10 ·45	... ...	23
16	Sat. 11	6 ·63	27 ·88	18	16	Sat. 12	10 ·97	... ...	22	17	Thur. 12	11 ·48	13 ·04	24
17	Sun. 12	7 ·59	1 ·83	19	17	Sun. 13	... ...	8 01	23	18	Fri. 13	12 ·48	14 ·09	25
18	Mon. 13	8 ·58	2 ·91	20	18	Mon. 14	11 05	9 ·11	24	19	Sat. 14	13 ·46	15 ·10	26
19	Tues. 14	9 ·59	3 ·95	21	19	Tues. 15	12 ·13	10 ·22	25	20	Sun. 15	14 ·42	16 ·10	27
20	Wed. 15	10 ·63	... ...	22	20	Wed. 16	13 ·19	11 ·30	26	21	Mon. ● 16	—A ·37	17 ·03	28
21	Thur. 16	11 ·67	4 ·01	23	21	Thur. 17	14 ·28	12 ·37	27	22	Tues. 17	1 ·30	18 ·03 19 ·93	—29
22	Fri. 17	12 ·74	5 ·09	24	22	Fri. 18	—A ·26	13 ·42	28					
23	Sat. 18	13 ·83	6 ·19	25	23	Sat. 19	1 ·25	14 ·44	—29	23	Wed. 18	2 ·22	20 ·93	1
24	Sun. 19	14 ·91	7 ·31	26	24	Sun. 20	2 ·24	15 ·45	1	24	Thur. 19	3 ·13	21 ·86	2
25	Mon. 20	—A ·99	8 ·41	27	25	Mon. 21	3 ·21	16 ·44	2	25	Fri. 20	4 ·04 5 ·94	22 ·79	3
26	Tues. 21	... ...	9 ·51	28	26	Tues. 22	4 ·15	17 ·41	3					
27	Wed. 22	1 ·06	10 ·61	—29	27	Wed. 23	5 ·08	18 ·37	4	26	Sat. 21	6 ·84	23 ·73	4
28	Thur. 23	2 ·13	11 ·68	1	28	Thur. 24	6 ·00 7 ·90	19 ·31	5	27	Sun. 22	7 ·75	24 ·66	5
29	Fri. 24	3 ·17	12 ·75	2	29	Fri. 25	8 ·80	20 ·25	6	28	Mon. 23	8 ·66	25 ·60	6
30	Sat. 25	4 ·19	13 ·79	3	—30	Sat. 26	9 ·70	21 ·19	7	—29	Tues. 24	9 ·59	26 ·56	7
31	Sun. 26	5 ·19	14 ·80	4	1	Sun. 27	10 ·60	22 ·11	8	1	Wed. 25	10 ·53	27 ·52	8
—32	Mon. 27	6 16	15 ·80	5	2	Mon. 28	11 ·51	23 ·05 24 ·98	9	2	Thur. 26	11 ·49	1 ·50	9
1	Tues. 28	7 ·12	16 ·78	6						3	Fri. 27	12 46	2 ·50	10
2	Wed. 29	8 ·07	17 ·75	7	3	Tues. 29	12 ·42	25 ·93	10	4	Sat. 28	13 ·47	3 ·53	11
3	Thur. 30	9 ·09 10 ·91	18 ·70	8	4	Wed. 30	13 ·35	26 ·89	11	5	Sun. 29	14 ·48	4 ·56	12
4	Fri. 31	11 ·81	19 ·64	9						6	Mon. ○ 30	P ·52	5 ·62	13
	Aug.					**Oct.**					**Dec.**			
5	Sat. 1	12 ·71	20 ·57	10	5	Thur. 1	14 ·28	27 ·86	12	7	Tues. 1	1 ·57	6 ·70	14
6	Sun. 2	13 ·61	21 ·50	11	6	Fri. 2	P ·23	1 ·85	13	8	Wed. 2	2 ·63	7 ·80	15
7	Mon. 3	14 ·51	22 ·43	12	7	Sat. 3	1 ·21	2 ·86	14	9	Thur. 3	3 ·72	8 ·91	16
8	Tues. 4	P ·41	23 ·57	13	8	Sun. 4	2 ·21	3 ·89	15	10	Fri. 4	4 ·81	... ...	17
9	Wed 5	1 ·32	24 ·31	14	9	Mon. 5	3 ·23	4 ·95	16	11	Sat. 5	5 ·90	9 ·02	18
10	Thur. 6	2 ·24	25 ·26	15	10	Tues. 6	4 ·26	... ...	17	12	Sun. 6	6 ·98	10 ·12	19
11	Fri. 7	3 ·18	26 ·22	16	11	Wed. 7	5 ·32	5 ·01	18	13	Mon. 7	... ...	11 ·21	20
12	Sat. 8	4 ·13	27 ·20	17	12	Thur. 8	6 ·38	6 ·10	19	14	Tues. 8	7 ·05	12 ·29	21
13	Sun. 9	5 ·10	1 ·21	18	13	Fri. 9	7 ·46	7 ·20	20	15	Wed. 9	8 ·09	13 ·36	22
14	Mon. 10	6 ·09	2 ·22	19	14	Sat. 10	8 ·55	8 ·30	21	16	Thur. 10	9 ·12	14 ·40	23
15	Tues 11	7 10	3 ·26	20	15	Sun. 11	9 ·64	9 ·42	22	17	Fri. 11	10 12	15 ·42	24
16	Wed. 12	8 14	4 ·32	21	16	Mon. 12	10 ·72	10 ·52	23	18	Sat. 12	11 ·10	16 ·42	25
17	Thur. 13	9 ·19	5 ·40	22	17	Tues. 13	11 ·78	11 ·61	24	19	Sun. 13	12 ·07	17 40	26
18	Fri. 14	10 ·26	6 ·50	23	18	Wed. 14	12 ·83	12 ·68	25	20	Mon. 14	13 ·01 14 ·94	18 ·38	27
19	Sat. 15	11 ·34	7 ·60	24	19	Thur. 15	13 ·85	13 73	26					
20	Sun. 16	12 ·43	8 ·71	25	20	Fri. 16	14 ·85	14 ·76	27	21	Tues. 15	—A ·86	19 ·33	28
21	Mon. 17	13 ·51	9 ·81	26	21	Sat. 17	—A ·83	15 ·78	28	22	Wed. 16	1 ·78	20 ·27	29
22	Tues. 18	14 ·58	10 ·91	27	22	Sun. 18	1 ·79	16 ·77	29	23	Thur. 17	2 ·68	21 ·20	—30
23	Wed. 19	—A ·64	11 ·99	28	23	Mon. 19	2 ·74	17 ·74	—30	24	Fri. 18	3 ·58	22 ·13	1
24	Thur. 20	1 ·68	..	29	24	Tues 20	3 ·67	18 ·70	1	25	Sat. 19	4 ·49	23 ·07	2
25	Fri. 21	2 ·70	12 ·06	—30	25	Wed. 21	4 ·59	19 ·65	2	26	Sun. 20	5 39	24 ·00 25 ·94	3
26	Sat. 22	3 ·70	13 ·10	1	26	Thur. 22	5 ·49	20 59	3					
27	Sun. 23	4 ·69	14 ·12	2	27	Fri. 23	6 ·40	21 ·52	4	27	Mon. 21	6 ·31	26 ·89	4
28	Mon. 24	5 ·65	15 ·12	3	28	Sat. 24	7 ·30	22 ·45	5	28	Tues. 22	7 ·24	27 ·85	5
29	Tues. 25	6 ·58	16 ·11	4	29	Sun. 25	8 ·20	23 ·38	6	29	Wed. 23	8 ·17	1 ·82	6
30	Wed. 26	7 ·51	17 ·07	5	—30	Mon. 26	9 ·11	24 ·32	7	—30	Thur. 24	9 ·13	2 ·83	7
			18 ·03				10 ·03			1	Fri. 25	10 ·11	3 ·84	8
—31	Thur. 27	8 ·43	19 97	6	1	Tues. 27	11 ·96	25 ·27	8	2	Sat. 26	11 ·11	4 ·88	9
1	Fri 28	9 ·34	20 ·90	7	2	Wed. 28	12 ·84	26 ·22	9	3	Sun. 27	12 ·12	5 ·93	10
2	Sat. 29	10 ·24	21 ·84	8	3	Thur. 29	13 ·85	27 ·19	10	4	Mon. 28	13 ·16	..	11
3	Sun. 30	11 ·14	22 ·78	9	4	Fri. 30	14 ·83	1 ·18	11	5	Tues. 29	14 ·32	6 ·01	12
4	Mon. 31	12 ·03 13 ·93	23 ·71	10	5	Sat. 31	P ·82	2 ·18	12	6	Wed. 30	P 29	7 ·11	13
										7	Thur. 31	1 ·37	8 ·21	14

Tāraṇa. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* **Simha—Āvani.** *Tāraṇa.* *Bahula.* *Sukla.* **Kanyā—Puraṭṭāśi.** *Tāraṇa.* *Bahula.* *Sukla.* **Tulā—Aippaśi.** *Tāraṇa.* *Bahula.* *Sukla.* **Vṛśchika—Kārttigai.** *Tārana.* *Bahula.* *Sukla.* **Dhanus—Mārgali.** *Tārana.* *Bahula.* *Sukla.* **Makara—Tai.** *Tārana.* *Bahula.* *Sukla.* **Kumbha—Māsi.** *Tārana.* *Bahula.* *Sukla.* **Mīna—Paṅguni.** *Tārana.* *Bahula.* *Sukla.*

H. 559 *Shaʿbán.* *H.* 559 *Shawwál.* *H.* 559 *Zi-l-ḥijja.* *H.* 560 *Muharram.* *H.* 560 *Ṣafar.*

Āṣāḍha. **Śrāvaṇa.** **Āśvina.** **Kārt.** **Kārttika.** **Mārgaśirsha.** **Pausha.** **P** 29

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1165. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·43.** **Śaka 1087.** **Kaliyuga 4266.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·38.** **(S. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
			Pausha.						**Phālguna.**								
			Bahula.						*Bahula.*						*Bahula.*		
Tirana. **Makara—Tai.**						*Tirana.* **Mīna—Pāṅguni.**						*Pārthiva.* **Vṛishabha—Vaigāsi.**					
8	Fri.	1	2 ·46	9 ·31	15	8	Mon.	1	2 ·96	13 ·29	15	8	Sat.	1	4 ·86	19 ·00 / 20 ·96	17
9	Sat.	2	3 ·55	10 ·42	16	9	Tues.	2	3 ·99	14 ·35	16	9	Sun.	2	5 ·77	21 ·90	18
10	Sun.	3	4 ·62	11 ·52	17	10	Wed.	3	4 ·98	15 ·38	17	10	Mon.	3	6 ·67	22 ·84	19
11	Mon.	4	5 ·69	12 ·61	18	11	Thur.	4	5 ·96	16 ·40	18	11	Tues.	4	7 ·57	23 ·76	20
12	Tues.	5	6 ·74	13 ·67	19	12	Fri.	5	6 ·92	17 ·39	19	12	Wed.	5	8 ·47	24 ·70	21
13	Wed.	6	7 ·77	14 ·72	20	13	Sat.	6	7 ·87	18 ·37	20	13	Thur.	6	9 ·37	25 ·63	22
14	Thur.	7	8 ·76	15 ·74	21	14	Sun.	7	8 ·80	19 ·33	21	14	Fri.	7	10 ·27	26 ·57	23
15	Fri.	8	9 ·75	16 ·75	22	15	Mon.	8	9 ·72	20 ·28	22	15	Sat.	8	11 ·18	27 ·52	24
16	Sat.	9	10 ·71	17 ·74	23	16	Tues.	9	10 ·63	21 ·23	23	16	Sun.	9	12 ·10	1 ·48	25
17	Sun.	10	11 ·65	18 ·71	24	17	Wed.	10	11 ·53	22 ·16	24	17	Mon.	10	13 ·04 / 14 ·99	2 ·46	26
18	Mon.	11	12 ·59	19 ·66	25	18	Thur.	11	12 ·42	23 ·09	25	18	Tues.	11	A ·96	3 ·45	27
19	Tues.	12	13 ·51	20 ·61	26	19	Fri.	12	13 ·32	24 ·02 / 25 ·95	26	19	Wed.	12	1 ·94	4 ·46	28
20	Wed.	13	14 ·42	21 ·54	27							20	Thur.	13	2 ·96	5 ·49	29
21	Thur.	14	A ·32	22 ·47	28	20	Sat.	13	14 ·23	26 ·90	27	21	Fri.	14	... ...	6 ·54	1
22	Fri.	15	1 ·22	23 ·40	29	21	Sun.	14	A ·14	27 ·85	28	22	Sat.	15	3 ·00	7 ·61	2
23	Sat.	16	2 ·13	24 ·34	1	22	Mon.	15	1 ·06	1 ·82	29	23	Sun.	16	4 ·05	8 ·71	3
24	Sun.	17	3 ·04 / 4 ·95	25 ·28	2	23	Tues.	16	2 ·00 / 3 ·96	2 ·80	1	24	Mon.	17	5 ·12	9 ·81	4
25	Mon.	18	5 ·87	26 ·22	3	24	Wed.	17	4 ·93	3 ·80	2	25	Tues.	18	6 ·19	10 ·92	5
26	Tues.	19	6 ·81	27 ·18	4	25	Thur.	18	5 ·92	4 ·82	3	26	Wed.	19	7 ·28	... ...	6
27	Wed.	20	7 ·77	1 ·15	5	26	Fri.	19	6 ·94	5 ·87	4	27	Thur.	20	8 ·37	11 ·08	7
28	Thur.	21	8 ·75	2 ·15	6	27	Sat.	20	7 ·97	6 ·93	5	28	Fri.	21	9 ·44	12 ·12	8
29	Fri.	22	9 ·74	3 ·16	7	28	Sun.	21	... ...	... ..	6	29	Sat.	22	10 ·49	13 ·22	9
1	Sat.	23	10 ·74	4 ·19	8	29	Mon.	22	8 ·02	7 ·01	7	30	Sun.	23	11 ·53	14 ·29	10
2	Sun.	24	11 ·79	5 ·24	9	30	Tues.	23	9 ·09	8 ·10	8	31	Mon.	24	12 ·56	15 ·33	11
3	Mon.	25	12 ·85	6 ·32	10	1	Wed.	24	10 ·17	9 ·22	9	32	Tues.	25	13 ·54	16 ·36	12
4	Tues.	26	13 ·92	7 ·41	11	2	Thur.	25	11 ·25	10 ·32	10	1	Wed.	26	14 ·52	17 ·37	13
5	Wed.	27	.. ...	8 ·51	12	3	Fri.	26	12 ·34	11 ·43	11	2	Thur. ○	27	P ·48	18 ·37	14
6	Thur.	28	14 ·00	9 ·61	13	4	Sat.	27	13 ·42	12 ·52	12	3	Fri.	28	1 ·41	19 ·34	15
7	Fri.	29	P ·10	10 ·72	14	5	Sun.	28	14 ·48	13 ·60	13	4	Sat.	29	2 ·34	20 ·29	16
8	Sat.	30	1 ·18	11 ·83	15	6	Mon.	29	P ·52	14 ·66	14	5	Sun.	30	3 ·26	21 ·24	17
9	Sun.	31	2 ·26	12 ·91	16	7	Tues.	30	1 ·54	15 ·70	15	6	Mon.	31	4 ·16	22 ·17	18
		Feb.				8	Wed.	31	2 ·54	16 ·72	16			**June.**			
								April.									
10	Mon.	1	3 ·32	13 ·98	17	9	Thur.	1	3 ·52	17 ·72	17	7	Tues.	1	5 ·05 / 6 ·95	23 ·11	19
11	Tues.	2	4 ·36	.. ...	18	10	Fri.	2	4 ·48	18 ·70	18						
12	Wed.	3	5 ·39	14 ·03	19	11	Sat.	3	5 ·42	19 ·66	19	8	Wed.	2	7 ·85	24 ·04 / 25 ·97	20
13	Thur	4	6 ·38	15 ·06	20	12	Sun.	4	6 ·34	20 ·62	20						
14	Fri.	5	7 ·37	16 ·08	21	13	Mon.	5	7 ·26	21 ·56	21	9	Thur.	3	8 ·75	26 ·91	21
15	Sat.	6	8 ·33	17 ·07	22	14	Tues.	6	8 ·17	22 ·50	22	10	Fri.	4	9 ·66	27 ·85	22
16	Sun.	7	9 ·28	18 ·04	23	15	Wed.	7	9 ·07 / 10 ·97	23 ·42	23	11	Sat.	5	10 ·58	1 ·81	23
17	Mon.	8	10 ·21	19 ·00 / 20 ·94	24	16	Thur.	8	11 ·87	24 ·36	24	12	Sun.	6	11 ·52	2 ·79	24
18	Tues.	9	11 ·12	21 ·88	25	17	Fri.	9	12 ·77	25 ·30	25	13	Mon.	7	12 ·47	3 ·75	25
19	Wed.	10	12 ·03 / 13 ·91	22 ·82	26	18	Sat.	10	13 ·67	26 ·23	26	14	Tues.	8	13 ·45	4 ·78	26
20	Thur.	11	14 ·84	23 ·75	27	19	Sun.	11	14 ·60	27 ·18	27	15	Wed.	9	14 ·44	5 ·81	27
21	Fri.	12	A ·74	24 ·68	28	20	Mon.	12	A ·53	1 ·15	28	16	Thur.	10	A ·41	6 ·85	28
22	Sat.	13	1 ·65	25 ·61	29	21	Tues.	13	1 ·49	2 ·12	29	17	Fri.	11	1 ·48	7 ·93	29
23	Sun.	14	2 ·56	26 ·56	30	22	Wed.	14	2 ·46	3 ·13	30	18	Sat.	12	2 ·53	... ...	30
24	Mon.	15	3 ·48	27 ·52	1	23	Thur.	15	3 ·46	4 ·14	1	19	Sun.	13	3 ·61	8 ·01	1
25	Tues.	16	4 ·42	1 ·49	2	24	Fri.	16	4 ·47	5 ·18	2	20	Mon.	14	4 ·70	9 ·11	2
26	Wed.	17	5 ·38	2 ·47	3	25	Sat.	17	5 ·51	6 ·24	3	21	Tues.	15	5 ·78	10 ·22	3
27	Thur.	18	6 ·36	3 ·48	4	26	Sun.	18	6 ·55	7 ·31	4	22	Wed.	16	6 ·85	11 ·33	4
28	Fri.	19	7 ·35	4 ·50	5	27	Mon.	19	7 ·62	8 ·40	5	23	Thur.	17	7 ·91	12 ·43	5
29	Sat.	20	8 ·37	5 ·56	6	28	Tues.	20	8 ·71	9 ·51	6	24	Fri.	18	8 ·97	13 ·52	6
30	Sun.	21	9 ·40	6 ·63	7	29	Wed.	21	9 ·79	10 ·62	7	25	Sat.	19	... ...	14 ·60	7
1	Mon.	22	10 ·46	7 ·71	8	30	Thur.	22	10 ·87	11 ·73	8	26	Sun.	20	9 ·01	15 ·65	8
2	Tues.	23	11 ·53	8 ·81	9	31	Fri.	23	11 ·94	12 ·82	9	27	Mon.	21	10 ·03	16 ·68	9
3	Wed.	24	12 ·60	9 ·91	10	1	Sat.	24	..	13 ·90	10	28	Tues.	22	11 ·02	17 ·70	10
4	Thur.	25	13 ·69	... ...	11	2	Sun.	25	12 ·00	14 ·98	11	29	Wed.	23	12 ·00 / 13 ·95	18 ·69	11
5	Fri.	26	14 ·77	10 ·03	12	3	Mon.	26	13 ·04	... ...	12	30	Thur.	24	14 ·89	19 ·66	12
6	Sat.	27	P ·85	11 ·13	13	4	Tues.	27	14 ·06	15 ·02	13	31	Fri.	25	P ·82	20 ·63	13
7	Sun.	28	1 ·91	12 ·22	14	5	Wed.	28	P ·06	16 ·04	14	1	Sat.	26	1 ·73	21 ·57	14
			Phālguna.			6	Thur.	29	1 ·03 / 2 ·99	17 ·04	15	2	Sun.	27	2 ·64	22 ·51	15
			Sukla.									3	Mon.	28	3 ·54	23 ·45	16
						7	Fri.	30	3 ·93	18 ·03	16	4	Tues.	29	4 ·44	24 ·38	17
												5	Wed.	30	5 ·33	25 ·31	18
					H. 560 *Rabī-ul ākhir.*						*H.* 560 *Jamāda'l ākhir.*						*H.* 560 *Jumāda'l ākhir.*
																	H. 560 *Rajab.*
																	H. 560 *Sha'bān.*
					H. 560 *Rabī-ul awwal.*						*H.* 560 *Jamāda'l awwal.*						
					H. 560 *Safar.*						*H.* 560 *Rabī-ul ākhir.*						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1165. **Kollam 341,** { N. Malabar—Aug. S. Malabar—July. } **Hijra 561.** **Vikrama 1222.**
A—Amāvāsyā. Commences Commences Nov. 7. **Bengal San. 571.**
P—Paurnimā. **(N. Cycle) Virodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Thur.	1	6 ·23	26 ·24	19	5	Wed.	1	10 ·98	7 ·85	22	6	Mon.	1	11 ·56	... ...	24
7	Fri.	2	7 ·14	27 ·19	20	6	Thur.	2	... ...	8 ·92	23	7	Tues.	2	12 ·63	13 ·04	25
8	Sat.	3	8 ·06	1 ·15	21	7	Fri.	3	11 ·04	... ...	24	8	Wed.	3	13 ·69	14 ·13	26
9	Sun.	4	9 ·00	2 ·11	22	8	Sat.	4	12 ·11	9 ·02	25	9	Thur.	4	14 ·74	15 ·21	27
			10 ·95			9	Sun.	5	13 ·20	10 ·13	26	10	Fri.	5	—A ·77	16 ·26	28
10	Mon.	5	11 ·93	3 ·10	23	10	Mon.	6	14 ·29	11 ·23	27	11	Sat.	6	1 ·76	17 ·30	—29
11	Tues.	6	12 ·91	4 ·10	24	11	Tues.	7	—A ·37	12 ·33	28	12	Sun.	7	2 ·74	18 ·32	1
12	Wed.	7	13 ·93	5 ·12	25	12	Wed.	8	1 ·44	13 ·43	—29	13	Mon.	8	3 ·70	19 ·32	2
13	Thur.	8	14 ·96	6 ·16	26	13	Thur.	9	2 ·50	14 ·51	1	14	Tues.	9	4 ·65	20 ·29	3
14	Fri.	9	... ...	7 ·23	27	14	Fri.	10	3 ·54	15 ·59	2	15	Wed.	10	5 ·56	21 ·25	4
15	Sat.	10	—A ·01	8 ·31	28	15	Sat.	11	4 ·56	16 ·64	3	16	Thur.	11	6 ·49	22 ·20	5
16	Sun.	11	1 ·08	9 ·41	—29	16	Sun.	12	5 ·56	17 ·66	4	17	Fri.	12	7 ·40	23 ·14	6
17	Mon.	12	2 ·16	10 ·51	1	17	Mon.	13	6 ·54	18 ·67	5	18	Sat.	13	8 ·31	24 ·08	7
18	Tues.	13	3 ·25	11 ·63	2	18	Tues.	14	7 ·50	19 ·65	6	19	Sun.	14	9 ·22	25 ·01	8
19	Wed.	14	4 ·33	12 ·73	3	19	Wed.	15	8 ·44	20 ·63	7					26 ·94	
20	Thur.	15	5 ·40	13 ·83	4	20	Thur.	16	9 ·37	21 ·59	8	20	Mon.	15	10 ·11	27 ·87	9
21	Fri.	16	6 ·45	14 ·90	5	21	Fri.	17	10 ·28	22 ·53	9	21	Tues.	16	11 ·01	1 ·81	10
22	Sat.	17	7 ·49	15 ·96	6	22	Sat.	18	11 ·19	23 ·47	10				12 ·93		
23	Sun.	18	8 ·51	.. ...	7	23	Sun.	19	12 ·09	24 ·40	11	22	Wed.	17	13 ·86	2 ·77	11
24	Mon.	19	9 ·50	16 ·01	8				13 ·99			23	Thur.	18	14 ·81	3 ·74	12
25	Tues.	20	10 ·49	17 ·02	9	24	Mon.	20	14 ·89	25 ·33	12	24	Fri ○	19	P ·77	4 ·72	13
26	Wed.	21	11 ·44	18 ·02	10	25	Tues.	21	P ·80	26 ·26	13	25	Sat.	20	1 ·75	5 ·72	14
27	Thur.	22	12 ·38	19 ·00	11	26	Wed.	22	1 ·72	27 ·20	14	26	Sun.	21	2 ·74	6 ·74	15
				20 ·96		27	Thur.	23	2 ·64	1 ·15	15	27	Mon.	22	3 ·76	7 ·79	16
28	Fri.	23	13 ·30	21 ·91	12	28	Fri.	24	3 ·58	2 ·10	16	28	Tues.	23	4 ·80	8 ·84	17
29	Sat.	24	14 ·22	22 ·86	13	29	Sat.	25	4 ·54	3 ·08	17	29	Wed.	24	5 ·85	9 ·92	18
30	Sun.	25	P ·13	23 ·79	14	—30	Sun.	26	5 ·51	4 ·07	18	—30	Thur.	25	6 ·93	...	19
31	Mon.	26	1 ·02	24 ·72	15	1	Mon.	27	6 ·51	5 ·08	19	1	Fri.	26	... ...	10 ·02	20
			2 ·92			2	Tues.	28	7 ·52	6 ·11	20	2	Sat.	27	7 ·02	11 ·12	21
—32	Tues.	27	3 ·82	25 ·63	16	3	Wed.	29	8 ·56	7 ·16	21	3	Sun.	28	8 ·11	12 ·24	22
1	Wed.	28	4 ·72	26 ·58	17	4	Thur.	30	9 ·61	8 ·23	22	4	Mon.	29	9 ·20	13 ·34	23
2	Thur.	29	5 ·63	27 ·53	18							5	Tues.	30	10 ·28	14 ·43	24
3	Fri.	30	6 ·56	1 ·48	19												
4	Sat.	31	7 ·49	2 ·44	20												
	Aug.						**Oct.**						**Dec.**				
5	Sun.	1	8 ·44	3 ·42	21	5	Fri.	1	10 ·68	9 ·32	23	6	Wed.	1	11 ·34	15 ·51	25
6	Mon.	2	9 ·42	4 ·42	22	6	Sat.	2	11 ·77	10 ·42	24	7	Thur.	2	12 ·38	16 ·57	26
7	Tues.	3	10 ·41	5 ·44	23	7	Sun.	3	12 ·86	11 ·52	25	8	Fri.	3	13 ·40	17 ·62	27
8	Wed.	4	11 ·43	6 ·47	24	8	Mon.	4	13 ·95	12 ·63	26	9	Sat.	4	14 ·40	18 ·64	28
9	Thur.	5	12 ·45	7 ·54	25	9	Tues.	5	... ...	13 ·78	27	10	Sun.	5	—A ·39	19 ·64	29
10	Fri.	6	13 ·51	8 ·62	26	10	Wed.	6	14 ·02	14 ·83	28	11	Mon.	6	1 ·35	20 ·62	—30
11	Sat.	7	14 ·58	9 ·71	27	11	Thur.	7	—A ·08	15 ·90	29	12	Tues.	7	2 ·30	21 ·59	1
12	Sun.	8	—A ·67	10 ·82	28	12	Fri.	8	1 ·12	16 ·95	—30	13	Wed.	8	3 ·22	22 ·54	2
13	Mon.	9	1 ·75	11 ·93	29	13	Sat.	9	2 ·15	17 ·98	1	14	Thur.	9	4 ·14	23 ·49	3
14	Tues.	10	2 ·83	.. ...	—30	14	Sun.	10	3 ·14	18 ·99	2	15	Fri.	10	5 ·05	24 ·42	4
15	Wed.	11	3 ·91	12 ·03	1	15	Mon.	11	4 ·12	19 ·99	3				6 ·95		
16	Thur.	12	4 ·96	13 ·13	2	16	Tues.	12	5 ·08	20 ·96	4	16	Sat.	11	7 ·85	25 ·35	5
17	Fri.	13	... ..	14 ·21	3	17	Wed.	13	6 ·03	21 ·92	5	17	Sun.	12	8 ·75	26 ·28	6
18	Sat.	14	5 ·00	15 ·27	4				7 ·96			18	Mon.	13	9 ·66	27 ·21	7
19	Sun.	15	6 ·02	16 ·32	5	18	Thur.	14	8 ·87	22 ·87	6	19	Tues.	14	10 ·58	1 ·16	8
20	Mon.	16	7 ·02	17 ·35	6	19	Fri.	15	9 ·78	23 ·80	7	20	Wed.	15	11 ·51	2 ·11	9
21	Tues.	17	8 ·00	18 ·34	7	20	Sat.	16	10 ·68	24 ·74	8	21	Thur.	16	12 ·45	3 ·07	10
			9 ·96			21	Sun.	17	11 ·58	25 ·67	9	22	Fri.	17	13 ·41	4 ·04	11
22	Wed.	18	10 ·90	19 ·32	8	22	Mon.	18	12 ·48	26 ·60	10	23	Sat.	18	14 ·39	5 ·04	12
23	Thur.	19	11 ·82	20 ·29	9	23	Tues.	19	13 ·39	27 ·54	11	24	Sun.	19	P ·38	6 ·06	13
24	Fri.	20	12 ·73	21 ·25	10	24	Wed.	20	14 ·31	1 ·48	12	25	Mon.	20	1 ·41	7 ·08	14
25	Sat.	21	13 ·64	22 ·18	11	25	Thur.	21	P ·24	2 ·44	13	26	Tues.	21	2 ·45	8 ·15	15
26	Sun.	22	14 ·54	23 ·13	12	26	Fri.	22	1 ·18	3 ·40	14	27	Wed.	22	3 ·51	9 ·23	16
27	Mon.	23	P ·44	24 ·06	13	27	Sat.	23	2 ·14	4 ·39	15	28	Thur.	23	4 ·58	10 ·32	17
				25 ·99		28	Sun.	24	3 ·11	5 ·40	16	—29	Fri.	24	5 ·66	11 ·42	18
28	Tues.	24	1 ·34	26 ·93	14	29	Mon.	25	4 ·11	6 ·42	17	1	Sat.	25	6 ·75	12 ·53	19
29	Wed.	25	2 ·24	27 ·86	15	—30	Tues.	26	5 ·12	7 ·46	18	2	Sun.	26	7 ·84	13 ·64	20
30	Thur.	26	3 ·15	1 ·81	16	1	Wed.	27	6 ·16	8 ·54	19	3	Mon.	27	8 ·92	14 ·74	21
—31	Fri.	27	4 ·08	2 ·77	17	2	Thur.	28	7 ·22	9 ·62	20	4	Tues.	28	9 ·98	15 ·82	22
1	Sat.	28	5 ·02	3 ·75	18	3	Fri.	29	8 ·30	10 ·72	21	5	Wed.	29	... ...	16 ·88	23
			6 ·98			4	Sat.	30	9 ·38	11 ·82	22	6	Thur.	30	10 ·02	17 ·94	24
2	Sun.	29	7 ·95	4 ·75	19	5	Sun.	31	10 ·47	12 ·93	23	7	Fri.	31	11 ·05	18 ·96	25
3	Mon.	30	8 ·95	5 ·76	20												
4	Tues.	31	9 ·93	6 ·79	21												

Pārthiva. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** *H.* 560 *Ramazān.*

Pārthiva. **Siṁha—Āvani.** *Sukla.* **Bhādrapada.** *H.* 560 *Shawwāl.*

Pārthiva. **Kanyā—Purattāsi.** *Bahula.* *Sukla.* **Āśvina.** *H.* 560 *Zī-l-ka'da.*

Pārthiva. **Tulā—Aippasi.** *Bahula.* *Sukla.* **Kārttika.** *H.* 560 *Zī-l-hijja.*

Pārthiva. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* **Mārgaśirsha.** *H.* 561 *Muharram.*

Pārthiva. **Dhanus—Mārgali.** *Bahula.* *Sukla.* **Pausha.** *H.* 561 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1166. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·69.** **Śaka 1088.** **Kaliyuga 4267.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·84.** **(S. Cycle) Vyaya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	12 ·05	19 ·97	26	8	Tues. 1	12 ·09	23 ·50	26	7	Sun. ● 1	—**A** ·50	3 ·74	28
9	Sun. 2	13 ·08 / 14 ·99	20 ·95	27	9	Wed. 2	13 ·01 / 14 ·92	24 ·43	27	8	Mon. 2	1 ·42	4 ·69	—29
10	Mon. 3	—**A** ·94	21 ·92	28	10	Thur. 3	—**A** ·82	25 ·37	28	9	Tues. 3	2 ·35	5 ·67	1
11	Tues. 4	1 ·86	22 ·88	—29	11	Fri. 4	1 ·72	26 ·31	—29	10	Wed. 4	3 ·31	6 ·66	2
12	Wed. 5	2 ·78	23 ·82	1	12	Sat. 5	2 ·62	27 ·23	1	11	Thur. 5	4 ·29	7 ·67	3
13	Thur. 6	3 ·69	24 ·76	2	13	Sun. 6	3 ·52	1 ·17	2	12	Fri. 6	5 ·28	8 ·71	4
14	Fri. 7	4 ·60	25 ·69	3	14	Mon. 7	4 ·44	2 ·11	3	13	Sat. 7	6 ·29	9 ·76	5
15	Sat. 8	5 ·49	26 ·62	4	15	Tues. 8	5 ·36	3 ·07	4	14	Sun. 8	7 ·33	10 ·83	6
16	Sun. 9	6 ·50	27 ·56	5	16	Wed. 9	6 ·30	4 ·04	5	15	Mon. 9	8 ·39	11 ·92	7
17	Mon. 10	7 ·31	1 ·50	6	17	Thur. 10	7 ·26	5 ·02	6	16	Tues. 10	9 ·46	.. ...	8
18	Tues. 11	8 ·22	2 ·44	7	18	Fri. 11	8 ·23	6 ·02	7	17	Wed. 11	10 ·53	12 ·03	9
19	Wed. 12	9 ·15	3 ·40	8	19	Sat. 12	9 ·23	7 ·04	8	18	Thur. 12	11 ·62	13 ·14	10
20	Thur. 13	10 ·09	4 ·37	9	20	Sun. 13	10 ·24	8 ·08	9	19	Fri. 13	12 ·70	14 ·25	11
21	Fri. 14	11 ·06	5 ·37	10	21	Mon. 14	11 ·28	9 ·15	10	20	Sat. 14	13 ·76	15 ·34	12
22	Sat. 15	12 ·03	6 ·38	11	22	Tues. 15	12 ·34	10 ·23	11	21	Sun. 15	14 ·82	16 ·43	13
23	Sun. 16	13 ·02	7 ·41	12	23	Wed. 16	13 ·41	11 ·32	12	22	Mon. 16	ℙ ·86	17 ·51	14
24	Mon. 17	14 ·05	8 ·46	13	24	Thur. 17	14 ·49	12 ·43	13	23	Tues. 17	1 ·88	18 ·55	15
25	Tues. 18	ℙ ·09	9 ·53	14	25	Fri. 18	ℙ ·57	13 ·54	14	24	Wed. 18	2 ·87	19 ·58	16
26	Wed. 19	1 ·15	10 ·63	15	26	Sat. 19	1 ·66	14 ·65	15	25	Thur. 19	3 ·85	20 ·59	17
27	Thur. 20	2 ·22	11 ·73	16	27	Sun. 20	2 ·74	15 ·73	16	26	Fri. 20	4 ·81	21 ·58	18
28	Fri. 21	3 ·31	12 ·83	17	28	Mon. 21	3 ·80	16 ·82	17	27	Sat. 21	5 ·75	22 ·55	19
—29	Sat. 22	4 ·40	13 ·94	18	29	Tues. 22	4 ·83	17 ·88	18	28	Sun. 22	6 ·67	23 ·51	20
1	Sun. 23	5 ·48	.. ...	19	30	Wed. 23	5 ·85	18 ·92	19	29	Mon. 23	7 ·58	24 ·46	21
2	Mon. 24	6 ·55	14 ·04	20	—31	Thur. 24	6 ·84	19 ·94	20	30	Tues. 24	8 ·48	25 ·39	22
3	Tues. 25	7 ·61	15 ·12	21	1	Fri. 25	7 ·82	20 ·94	21	—31	Wed. 25	9 ·38	26 ·32	23
4	Wed. 26	8 ·66	16 ·20	22	2	Sat. 26	8 ·78	21 ·92	22	1	Thur. 26	10 ·27	27 ·25	24
5	Thur. 27	9 ·68	17 ·25	23	3	Sun. 27	9 ·72	22 ·88	23	2	Fri. 27	11 ·17	1 ·19	25
6	Fri. 28	10 ·68	18 ·28	24	4	Mon. 28	10 ·65	23 ·83	24	3	Sat. 28	12 ·07 / 13 ·98	2 ·13	26
7	Sat. 29	11 ·66	19 ·29	25	5	Tues. 29	11 ·56	24 ·78	25	4	Sun. 29	14 ·91	3 ·07	27
8	Sun. 30	12 ·63	20 ·28	26	6	Wed. 30	12 ·47	25 ·71	26	5	Mon. 30	—**A** ·85	4 ·03	28
9	Mon. 31	13 ·57	21 ·26	27	7	Thur. 31	13 ·37	26 ·64	27	6	Tues. 31	1 ·80	5 ·00 / 6 ·99	29
	Feb.					**April.**					**June.**			
10	Tues. 1	14 ·49	22 ·22	28	8	Fri. 1	14 ·27	27 ·57	28	7	Wed. 1	2 ·77	... ...	—30
11	Wed. 2	—**A** ·41	23 ·16	29	9	Sat. 2	—**A** ·17	1 ·51	29	8	Thur. 2	3 ·76	7 ·00	1
12	Thur. 3	1 ·32	24 ·10	—30	10	Sun. 3	1 ·07 / 2 ·98	2 ·44	—30	9	Fri. 3	4 ·77	8 ·02	2
13	Fri. 4	2 ·22	25 ·03 / 26 ·97	1	11	Mon. 4	3 ·90	3 ·40	1	10	Sat. 4	5 ·81	9 ·07	3
14	Sat. 5	3 ·12	27 ·90	2	12	Tues. 5	4 ·84	4 ·36	2	11	Sun. 5	6 ·87	10 ·14	4
15	Sun. 6	4 ·03 / 5 ·93	1 ·83	3	13	Wed. 6	5 ·80	5 ·34	3	12	Mon. 6	7 ·94	11 ·23	5
16	Mon. 7	6 ·84	2 ·77	4	14	Thur. 7	6 ·78	6 ·34	4	13	Tues. 7	... ...	12 ·33	6
17	Tues. 8	7 ·77	3 ·73	5	15	Fri. 8	7 ·77	7 ·36	5	14	Wed. 8	8 ·02	13 ·44	7
18	Wed. 9	8 ·71	4 ·71	6	16	Sat. 9	8 ·78	8 ·40	6	15	Thur. 9	9 ·10	14 ·55	8
19	Thur. 10	9 ·68	5 ·69	7	17	Sun. 10	9 ·82	9 ·46	7	16	Fri. 10	10 ·17	15 ·65	9
20	Fri. 11	10 ·65	6 ·70	8	18	Mon. 11	10 ·87	10 ·53	8	17	Sat. 11	11 ·24	16 ·73	10
21	Sat. 12	11 ·65	7 ·72	9	19	Tues. 12	11 ·95	11 ·62	9	18	Sun. 12	12 ·30	17 ·81	11
22	Sun. 13	12 ·66	8 ·77	10	20	Wed. 13	... ...	12 ·73	10	19	Mon. 13	13 ·34	18 ·87	12
23	Mon. 14	13 ·70	9 ·83	11	21	Thur. 14	12 ·03	13 ·84	11	20	Tues. 14	14 ·35	19 ·90	13
24	Tues. 15	14 ·76	10 ·93	12	22	Fri. 15	13 ·12	14 ·95	12	21	Wed. 15	ℙ ·35	20 ·91	14
25	Wed. 16	ℙ ·83	... ...	13	23	Sat. 16	14 ·20	... ...	13	22	Thur. 16	1 ·33	21 ·90	15
26	Thur. 17	1 ·91	11 ·02	14	24	Sun. 17	ℙ ·27	15 ·04	14	23	Fri. 17	2 ·28	22 ·89	16
27	Fri. 18	.. ...	12 ·13	15	25	Mon. 18	1 ·33	16 ·14	15	24	Sat. 18	3 ·22	23 ·84	17
28	Sat. 19	2 ·60	13 ·24	16	26	Tues. 19	2 ·36	17 ·19	16	25	Sun. 19	4 ·14	24 ·79	18
29	Sun. 20	3 ·09	14 ·34	17	27	Wed. 20	3 ·38	18 ·24	17	26	Mon. 20	5 ·05 / 6 ·95	25 ·73	19
—30	Mon. 21	4 ·16	15 ·44	18	28	Thur. 21	4 ·37	19 ·26	18	27	Tues. 21	7 ·85	26 ·67	20
1	Tues. 22	5 ·22	16 ·50	19	29	Fri. 22	5 ·35	20 ·26	19	28	Wed 22	8 ·75	27 ·60	21
2	Wed. 23	6 ·26	17 ·57	20	30	Sat. 23	6 ·31	21 ·25	20	29	Thur. 23	9 ·65	1 ·53	22
3	Thur. 24	7 ·28	18 ·60	21	—31	Sun. 24	7 ·25	22 ·21	21	30	Fri. 24	10 ·55	2 ·46	23
4	Fri. 25	8 ·28	19 ·61	22	1	Mon 25	8 ·17	23 ·17	22	31	Sat. 25	11 ·46	3 ·40	24
5	Sat. 26	9 ·26	20 ·60	23	2	Tues. 26	9 ·08 / 10 ·99	24 ·12	23	—32	Sun. 26	12 ·39	4 ·36	25
6	Sun. 27	10 ·22	21 ·59	24						1	Mon. 27	13 ·32	5 ·34	26
7	Mon. 28	11 ·16	22 ·55	25	3	Wed. 27	11 ·89	25 ·05 / 26 ·98	24	2	Tues. 28	14 ·28	6 ·32	27
					4	Thur. 28	12 ·78	27 ·91	25	3	Wed. 29	—**A** ·25	7 ·32	28
					5	Fri. 29	13 ·68	1 ·84	26	4	Thur. 30	1 ·24	8 ·34	—29
					6	Sat. 30	14 ·59	2 ·79	27					

Pārthiva. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Phālguna.** *Bahula.*

Pārthiva. **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.*

Pārthiva. **Mīna—Paṅguni.** *Sukla.* **Chaitra.** *Bahula.*

Vyaya. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.*

Vyaya. **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.*

Vyaya. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.*

Pārthiva. 561 *Rabi-ul awwal.* *II.* 561 *Rabi-ul ākhir.* *H.* 561 *Jamādal awwal.* *II.* 561 *Jamādal ākhir.* *H.* 561 *Rajab.* *H.* 561 *Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1166. **Kollam 342** { **N. Malabar—Aug.** **Hijra 562.** **Vikrama 1223.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 28.** **Bengal San. 572.**
P—Paurnimā. **(N. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
		5	2 ·25	9 ·38	1		Thur.	1	5 ·75	16 ·65	4				6 ·03		
		6	2 ·29	10 ·46	2	5	Fri.	2	6 ·81	17 ·73	5	6	Tues.	1	7 ·99	22 ·53	5
		7	3 ·35	11 ·54	3	6	Sat.	3	7 ·85	18 ·80	6	7	Wed.	2	8 ·93	23 ·50	6
		8	4 ·42	12 ·63	4	7	Sun.	4	8 ·87	19 ·86	7	8	Thur.	3	9 ·86	24 ·47	7
		9	5 ·50	13 ·74	5	8	Mon.	5	9 ·86	20 ·88	8	9	Fri.	4	10 ·78	25 ·42	8
		10	6 ·58	14 ·84	6	9	Tues.	6	10 ·84	21 ·89	9	10	Sat.	5	11 ·69	26 ·36	9
		11	7 ·66	15 ·95	7	10	Wed.	7	11 ·80	23 ·87	10	11	Sun.	6	12 ·59	27 ·29	10
		12	8 ·73	...	8	11	Thur.	8	12 ·74	23 ·84	11	12	Mon.	7	13 ·49	1 ·23	11
		13	9 ·79	16 ·05	9	12	Fri.	9	13 ·67	24 ·81	12	13	Tues.	8	14 ·39	2 ·16	12
		14	10 ·83	17 ·12	10	13	Sat.	10	14 ·58	25 ·75	13	14	Wed.	9	P ·30	3 ·09	13
		15	11 ·83	18 ·18	11	14	Sun.	11	P ·49	26 ·68	14						
		16	12 ·83	19 ·22	12	15	Mon.	12	1 ·39	27 ·61	15	15	Thur.	10	1 ·22	4 ·02	14
		17	13 ·83	20 ·23	13	16	Tues.	13	2 ·29	1 ·54	16	16	Fri.	11	2 ·15	5 ·98	15
		18	14 ·81	21 ·24	14	17	Wed.	14	3 ·19	2 ·47	17	17	Sat.	12	3 ·09	6 ·96	16
		19	P ·76	22 ·22	15	18	Thur.	15	4 ·10	3 ·42	18	18	Sun.	13	4 ·05	7 ·94	17
		20	1 ·70	22 ·22	15	19						19	Mon.	14	5 ·03	8 ·94	18
		21	2 ·63	23 ·18	16	20	Fri.	16	5 ·01	4 ·37	19	20	Tues.	15	6 ·03	9 ·96	19
		22	3 ·54	24 ·13	17				6 ·93			21	Wed.	16	7 ·05	... ...	20
		23	4 ·44	25 ·07	18	21	Sat.	17	7 ·87	5 ·32	20	22	Thur.	17	8 ·09	10 ·00	21
		24	5 ·33	26 ·01	19	22	Sun.	18	8 ·83	6 ·29	21	23	Fri.	18	9 ·15	11 ·07	22
		25	6 ·23	27 ·94	20	23	Mon.	19	9 ·81	7 ·28	22	24	Sat.	19	10 ·22	12 ·14	23
		26	7 ·13	1 ·87	21	24	Tues.	20	10 ·80	8 ·30	23	25	Sun.	20	11 ·31	13 ·24	24
		27	8 ·03	2 ·80	22	25	Wed.	21	11 ·83	9 ·33	24	26	Mon.	21	12 ·40	14 ·34	25
		28	9 ·95	3 ·74	22	26	Thur.	22	12 ·87	10 ·38	25	27	Tues.	22	13 ·49	15 ·45	26
		29	10 ·87	4 ·70	23	27	Fri.	23	13 ·92	11 ·44	26	28	Wed.	23	14 ·56	16 ·56	27
		30	11 ·81	5 ·66	24	28	Sat.	24	... ...	12 ·53	27	29	Thur.	24	A ·62	17 ·66	28
		31	12 ·77	6 ·64	25	29	Sun.	25	14 ·00	13 ·64	28	30	Fri.	25	1 ·67	18 ·73	29
		1	13 ·73	7 ·64	26	30	Mon.	26	A ·08	14 ·75	29	1	Sat.	26	2 ·68	19 ·79	30
		2	14 ·73	8 ·65	27	31	Tues.	27	1 ·17	15 ·85	30	2	Sun.	27	3 ·69	20 ·83	1
		3	A ·74	9 ·69	28	1	Wed.	28	2 ·25	16 ·95	1	3	Mon.	28	4 ·67	21 ·85	2
		4	1 ·79	10 ·76	29	2	Thur.	29	3 ·33	... ...	2	4	Tues.	29	5 ·63	22 ·84	3
		5	2 ·84	11 ·84	30	3	Fri.	30	4 ·39	17 ·04	3	5	Wed.	30	6 ·57	24 ·80	4
		6	3 ·91	12 ·93	1												
	Aug.						**Oct.**						**Dec.**				
		5	4 ·99	... ...	2	4	Sat.	1	5 ·43	18 ·12	4	6	Thur.	1	7 ·50	25 ·76	5
		6	... ...	13 ·03	3	5	Sun.	2	6 ·44	19 ·17	5	7	Fri.	2	8 ·41	26 ·70	6
		7	5 ·07	14 ·15	4	6	Mon.	3	7 ·43	20 ·20	6	8	Sat.	3	9 ·32	27 ·64	7
		8	6 ·16	15 ·25	5	7	Tues.	4	8 ·42	21 ·21	7	9	Sun.	4	10 ·23	1 ·56	8
		9	7 ·23	16 ·35	6	8	Wed.	5	9 ·38	22 ·20	8	10	Mon.	5	11 ·13	2 ·50	9
		10	8 ·28	17 ·43	7	9	Thur.	6	10 ·32	23 ·18	9	11	Tues.	6	12 ·03	3 ·43	10
		11	9 ·32	18 ·49	8	10	Fri.	7	11 ·25	24 ·15	10				13 ·94		
		12	10 ·34	19 ·53	9	11	Sat.	8	12 ·17	25 ·08	11	12	Wed.	7	14 ·86	4 ·37	11
		13	11 ·33	20 ·56	10	12	Sun.	9	13 ·07	26 ·02	12	13	Thur.	8	P ·79	5 ·33	12
		14	12 ·31	21 ·56	11				14 ·97	27 ·95		14	Fri.	9	1 ·73	6 ·29	13
		15	13 ·27	22 ·54	12	13	Mon.	10	P ·87	1 ·88	13	15	Sat.	10	2 ·69	7 ·26	14
		16	14 ·20	23 ·51	13	14	Tues.	11	1 ·77	2 ·82	14	16	Sun.	11	3 ·67	8 ·23	15
		17	P ·13	24 ·46	14	15	Wed.	12	2 ·68	3 ·76	15	17	Mon.	12	4 ·68	9 ·27	16
		18	1 ·04	25 ·41	15	16	Thur.	13	3 ·60	4 ·70	16	18	Tues.	13	5 ·70	10 ·32	17
		19	2 ·95			17	Fri.	14	4 ·53	5 ·65	17	19	Wed.	14	6 ·74	11 ·37	18
		20	3 ·85	26 ·35	16	18	Sat.	15	5 ·46	6 ·62	18	20	Thur.	15	7 ·79	12 ·45	19
		21	4 ·75	27 ·28	17	19	Sun.	16	6 ·41	7 ·61	19	21	Fri.	16	8 ·87	13 ·54	20
		22	5 ·65	1 ·20	18	20	Mon.	17	7 ·40	8 ·62	20	22	Sat.	17	9 ·96	14 ·64	21
		23	6 ·55	2 ·14	19	21	Tues.	18	8 ·40	9 ·64	21	23	Sun.	18	... ...	15 ·75	22
		24	7 ·46	3 ·08	20	22	Wed.	19	9 ·42	10 ·69	22	24	Mon.	19	10 ·05	16 ·85	23
		25	8 ·38	4 ·03	21	23	Thur.	20	10 ·46	11 ·75	23	25	Tues.	20	11 ·14	17 ·95	24
		26	9 ·32	5 ·99	22	24	Fri.	21	11 ·52	12 ·83	24	26	Wed.	21	12 ·21	.. ...	25
		27	10 ·28	6 ·97	23	25	Sat.	22	12 ·59	13 ·94	25	27	Thur.	22	13 ·27	18 ·04	26
		28	11 ·26	7 ·96	24	26	Sun.	23	13 ·68	.. ...	26	28	Fri.	23	14 ·32	19 ·10	27
		29	12 ·25	8 ·97	25	27	Mon.	24	14 ·77	14 ·04	27	29	Sat.	24	A ·34	20 ·15	28
		30	13 ·26	... ...	26	28	Tues.	25	A ·85	15 ·15	28	1	Sun.	25	1 ·83	21 ·18	29
		31	14 ·30	9 ·00	27	29	Wed.	26	1 ·93	16 ·25	29	2	Mon.	26	2 ·31	22 ·19	1
		1	A ·36	10 ·07	28	30	Thur.	27	2 ·99	17 ·35	30	3	Tues.	27	3 ·28	23 ·17	2
		2	1 ·44	11 ·14	29	1	Fri.	28	... ...	18 ·44	1	4	Wed.	28	4 ·21	24 ·13	3
		3	2 ·52	12 ·23	1	2	Sat.	29	3 ·04	19 ·48	2	5	Thur.	29	5 ·14	25 ·09	4
		4	3 ·61	13 ·33	2	3	Sun.	30	4 ·05	20 ·52	3	6	Fri.	30	6 ·06	26 ·04	5
		5	4 ·69	15 ·55	3	4	Mon.	31	5 ·05	21 ·53	4	7	Sat.	31	7 ·97	27 ·98	
															8 ·87	1 ·91	6

Vyaya. **Karkataka—Ādi.** *Śrāvana.* *Sukla.* *Bahula.* *Adhika* *Bhādrapada.* *H. 561 Ramazān.*

Vyaya. **Siṁha—Āvani.** *Sukla.* *Bahula.* *H. 561 Shawwāl.*

Vyaya. **Kanyā—Puraṭṭāsi.** *Nija Bhādrapada.* *Sukla.* *Bahula.* *H. 561 Zi-l-ka'da.*

Vyaya. **Tulā—Aippasi.** *Āśvina.* *Sukla.* *Bahula.* *H. 561 Zi-l-hijja.*

Vyaya. **Vṛiśchika—Kārttigai.** *Kārttika.* *Sukla.* *Bahula.* *H. 562 Muharram.*

Vyaya. **Dhanus—Mārgali.** *Mārgaśirsha.* *Sukla.* *Bahula.* *H. 562 Ṣafar.*

Vyaya. **Makara—Tai.** *Sukla.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mūla. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Satab.

A.D. 1167. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·95.** **Śaka 1089.** **Kaliyuga 4268.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·90.** **(S. Cycle) Sarvajit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Sun.	1	Śukla. 9 ·78	2 ·84	7	7	Wed.	1	Śukla. 9 ·65	6 ·28	7	7	Mon.	1	11 ·66	... ...	9
9	Mon.	2	10 ·68	3 ·77	8	8	Thur.	2	10 ·60	7 ·26	8	8	Tues.	2	12 ·71	13 ·06	10
10	Tues.	3	11 ·58	4 ·72	9	9	Fri.	3	11 ·56	8 ·24	9	9	Wed.	3	13 ·78	14 ·14	11
11	Wed.	4	12 ·50	5 ·66	10	10	Sat.	4	12 ·54	9 ·24	10	10	Thur.	4	14 ·86	15 ·24	12
12	Thur.	5	13 ·43	6 ·62	11	11	Sun.	5	13 ·53	10 ·26	11	11	Fri.	5	P ·95	16 ·36	13
13	Fri.	6	14 ·38	7 ·59	12	12	Mon.	6	14 ·54	11 ·30	12	12	Sat.	6	... ..	17 ·47	14
14	Sat.	7	P ·33	8 ·58	13	13	Tues.	7	P ·59	12 ·35	13	13	Sun.	7	1 ·03	18 ·57	15
15	Sun.	8	1 ·31	9 ·59	14	14	Wed.	8	1 ·65	13 ·44	14	14	Mon.	8	2 ·09	19 ·65	16
16	Mon.	9	2 ·32	10 ·63	15	15	Thur.	9	2 ·72	14 ·54	15	15	Tues.	9	3 ·15	20 ·78	17
17	Tues.	10	3 ·33	11 ·68	16	16	Fri.	10	3 ·80	15 ·65	16	16	Wed.	10	4 ·19	21 ·78	18
18	Wed.	11	4 ·38	12 ·75	17	17	Sat.	11	4 ·89	16 ·76	17	17	Thur.	11	5 ·20	22 ·80	19
19	Thur.	12	5 ·44	13 ·84	18	18	Sun.	12	5 ·97	17 ·86	18	18	Fri.	12	6 ·19	23 ·81	20
20	Fri.	13	6 ·52	14 ·95	19	19	Mon.	13	... ...	18 ·96	19	19	Sat.	13	7 ·16	24 ·79	21
21	Sat.	14	7 ·60	.. ...	20	20	Tues.	14	6 ·05	.. ...	20	20	Sun.	14	8 ·12	25 ·76	22
22	Sun.	15	Bahula. 8 ·69	15 ·05	21	21	Wed.	15	Bahula. 7 ·10	19 ·04	21	21	Mon.	15	9 ·05	26 ·72	23
23	Mon.	16	9 ·77	16 ·16	22	22	Thur.	16	8 ·14	20 ·10	22				10 ·98		
24	Tues.	17	10 ·85	17 ·26	23	23	Fri.	17	9 ·16	21 ·14	23	22	Tues.	16	11 ·89	27 ·68	24
25	Wed.	18	11 ·91	18 ·34	24	24	Sat.	18	10 ·16	22 ·15	24	23	Wed.	17	12 ·80	1 ·51	25
26	Thur.	19	12 ·95	19 ·41	25	25	Sun.	19	11 ·13	23 ·16	25	24	Thur.	18	13 ·69	2 ·54	26
27	Fri.	20	13 ·97	20 ·46	26	26	Mon.	20	12 ·09	24 ·14	26	25	Fri.	19	14 ·59	3 ·47	27
28	Sat.	21	14 ·97	21 ·50	27	27	Tues.	21	13 ·03	25 ·10	27	26	Sat.	20	A ·49	4 ·40	28
29	Sun.	22	A ·95	22 ·51	28				14 ·95			27	Sun.	21	1 ·39	5 ·35	29
30	Mon.	23	1 ·91	23 ·50	29					26 ·05		28	Mon.	22	2 ·30	6 ·29	30
1	Tues.	24	2 ·84	24 ·47	30	28	Wed.	22	A ·87	27 ·99	28	29	Tues.	23	3 ·22	7 ·24	1
2	Wed.	25	3 ·75	25 ·44	1	29	Thur.	23	1 ·77	1 ·93	29	30	Wed.	24	4 ·16	8 ·21	2
3	Thur.	26	4 ·69	26 ·38	2	30	Fri.	24	2 ·67	2 ·86	30	31	Thur.	25	5 ·11	9 ·20	3
4	Fri.	27	5 ·60	27 ·32	3	1	Sat.	25	3 ·56	3 ·80	1	1	Fri.	26	6 ·09	10 ·21	4
5	Sat.	28	6 ·50	1 ·25	4	2	Sun.	26	4 ·46	4 ·73	2	2	Sat.	27	7 ·09	11 ·24	5
6	Sun.	29	7 ·41	2 ·17	5	3	Mon.	27	5 ·37	5 ·66	3	3	Sun.	28	8 ·10	12 ·29	6
7	Mon.	30	8 ·31	3 ·12	6	4	Tues.	28	6 ·28	6 ·61	4	4	Mon.	29	9 ·14	13 ·36	7
8	Tues.	31	9 ·22	4 ·05	7	5	Wed.	29	7 ·21	7 ·59	5	5	Tues.	30	10 ·20	14 ·44	8
				5 ·99		6	Thur.	30	8 ·15	8 ·56	6	6	Wed.	31	11 ·27	15 ·55	9
	Feb.					7	Fri.	31	9 ·11	9 ·56	7						
9	Wed.	1	10 ·13	6 ·95	8		**April.**						**June.**				
10	Thur.	2	11 ·05	7 ·92	9	8	Sat.	1	10 ·09	10 ·57	8	7	Thur.	1	12 ·35	16 ·66	10
11	Fri.	3	12 ·00	8 ·91	10	9	Sun.	2	11 ·08	11 ·61	9	8	Fri.	2	13 ·43	17 ·77	11
			13 ·96			10	Mon.	3	12 ·10	12 ·67	10	9	Sat.	3	14 ·51	18 ·87	12
12	Sat.	4	Māgha. 14 ·95	9 ·92	11	11	Tues.	4	13 ·13	13 ·75	11	10	Sun.	4	P ·58	19 ·95	13
13	Sun.	5	P ·94	10 ·94	12	12	Wed.	5	14 ·19	14 ·84	12	11	Mon.	5	1 ·64	... ...	14
14	Mon.	6	1 ·96	11 ·99	13	13	Thur.○	6	P ·26	15 ·95	13	12	Tues.	6	2 ·67	20 ·04	15
15	Tues.	7	.. ..	.. ..	14	14	Fri.	7	1 ·35	. ...	14	13	Wed.	7	3 ·68	21 ·09	16
16	Wed.	8	2 ·00	12 ·05	15	15	Sat.	8	2 ·44	16 ·06	15	14	Thur.	8	4 ·67	22 ·12	17
17	Thur.	9	3 ·05	13 ·15	16	16	Sun.	9	3 ·52	17 ·17	16	15	Fri.	9	5 ·65	23 ·13	18
18	Fri.	10	4 ·13	14 ·25	17	17	Mon.	10	4 ·57	18 ·26	17	16	Sat.	10	6 ·60	24 ·12	19
19	Sat.	11	5 ·22	15 ·35	18	18	Tues.	11	5 ·64	19 ·34	18	17	Sun.	11	7 ·53	25 ·10	20
20	Sun.	12	6 ·31	16 ·46	19	19	Wed.	12	6 ·68	20 ·41	19	18	Mon.	12	Bahula. 8 ·46	26 ·06	21
21	Mon.	13	7 ·39	17 ·56	20	20	Thur.	13	7 ·69	21 ·45	20				9 ·37	27 ·01	
22	Tues.	14	8 ·47	18 ·65	21	21	Fri.	14	8 ·69	22 ·47	21	19	Tues.	13		1 ·95	22
23	Wed.	15	9 ·52	19 ·73	22	22	Sat.	15	9 ·67	23 ·47	22	20	Wed.	14	10 ·27	2 ·88	23
24	Thur.	16	10 ·56	20 ·79	23	23	Sun.	16	10 ·63	24 ·47	23	21	Thur.	15	11 ·17	3 ·81	24
25	Fri.	17	11 ·58	21 ·82	24	24	Mon.	17	11 ·56	25 ·43	24	22	Fri.	16	12 ·07	4 ·75	25
26	Sat.	18	12 ·58	22 ·83	25	25	Tues.	18	12 ·48	26 ·39	25				13 ·96		
27	Sun.	19	13 ·56	23 ·82	26	26	Wed.	19	13 ·39	27 ·31	26	23	Sat.	17	14 ·86	5 ·68	26
28	Mon.	20	14 ·52	24 ·81	27	27	Thur.	20	14 ·29	1 ·27	27	24	Sun.	18	A ·78	6 ·62	27
29	Tues.	21	A ·46	25 ·77	28	28	Fri.●	21	A ·20	2 ·30	28	25	Mon.	19	1 ·70	7 ·58	28
30	Wed.	22	1 ·38	26 ·72	29				1 ·09			26	Tues.	20	2 ·64	8 ·54	29
1	Thur.	23	2 ·30	27 ·65	1	29	Sat.	22	2 ·99	3 ·18	29	27	Wed.	21	3 ·59	9 ·53	1
2	Fri.	24	Śukla. 3 ·20	1 ·59	2	30	Sun.	23	Śukla. 3 ·89	4 ·06	1	28	Thur.	22	Śukla. 4 ·57	10 ·54	2
3	Sat.	25	4 ·10	2 ·52	3					5 ·00		29	Fri.	23	5 ·56	11 ·56	3
4	Sun.	26	5 ·00	3 ·45	4	31	Mon.	24	4 ·80	6 ·96	2	30	Sat.	24	6 ·58	12 ·60	4
			6 ·90			1	Tues.	25	5 ·73	7 ·91	3	31	Sun.	25	7 ·62	13 ·67	5
5	Mon.	27	7 ·81	4 ·39	5	2	Wed.	26	6 ·67	8 ·89	4	32	Mon.	26	8 ·67	14 ·76	6
6	Tues.	28	8 ·72	5 ·33	6	3	Thur.	27	7 ·63	9 ·88	5	1	Tues.	27	9 ·75	15 ·85	7
						4	Fri.	28	8 ·60	10 ·89	6	2	Wed.	28	10 ·83	16 ·96	8
						5	Sat.	29	9 ·60	11 ·92	7	3	Thur.	29	11 ·91	. ..	9
						6	Sun.	30	10 ·62	12 ·98	8	4	Fri.	30	12 ·99	17 ·07	10

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8 Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1167. **Kollam 343,** { **N. Malabar—Aug.** **Hijra 563.** **Vikrama 1224.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 17.** **Bengal San. 573.**
P—Paurnimā. **(N. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sat.	1	... ...	18 ·17	11	5	Fri.	1	P ·11	25 ·09	14	5	Wed.	1	3 ·68	5 ·38	16
6	Sun.	2	13 ·06	19 ·26	12	6	Sat.	2	1 ·04	26 ·06	15	6	Thur.	2	4 ·58	6 ·32	17
7	Mon.	3	14 ·12	20 ·33	13				2 ·96			7	Fri.	3	5 ·50	7 ·25	18
8	Tues.	4	P ·15	21 ·40	14	7	Sun.	3	3 ·88	27 ·02	16	8	Sat.	4	6 ·43	8 ·20	19
9	Wed.	5	1 ·16	22 ·44	15					1 ·96		9	Sun.	5	7 ·38	9 ·17	20
10	Thur.	6	2 ·15	23 ·45	16	8	Mon.	4	4 ·78	2 ·90	17	10	Mon.	6	8 ·34	10 ·16	21
11	Fri.	7	3 ·13	24 ·45	17	9	Tues.	5	5 ·69	3 ·83	18	11	Tues.	7	9 ·32	11 ·16	22
12	Sat.	8	4 ·08	25 ·44	18	10	Wed.	6	6 ·58	4 ·76	19	12	Wed.	8	10 ·31	12 ·18	23
			5 ·02			11	Thur.	7	7 ·48	5 ·69	20	13	Thur.	9	11 ·34	13 ·22	24
13	Sun.	9	6 ·94	26 ·40	19	12	Fri.	8	8 ·39	6 ·64	21	14	Fri.	10	12 ·39	14 ·28	25
14	Mon.	10	7 ·85	27 ·35	20	13	Sat.	9	9 ·30	7 ·58	22	15	Sat.	11	13 ·44	15 ·35	26
15	Tues.	11	8 ·75	1 ·29	21	14	Sun.	10	10 ·23	8 ·54	23	16	Sun.	12	14 ·52	16 ·46	27
16	Wed.	12	9 ·65	2 ·22	22	15	Mon.	11	11 ·17	9 ·51	24	17	Mon.	13	—A ·61	17 ·56	28
17	Thur.	13	10 ·55	3 ·16	23	16	Tues.	12	12 ·13	10 ·50	25	18	Tues.	14	1 ·70	18 ·67	29
18	Fri.	14	11 ·44	4 ·09	24	17	Wed.	13	13 ·11	11 ·51	26	19	Wed.	15	2 ·78	19 ·78	—30
				5 ·02		18	Thur.	14	14 ·11	12 ·54	27	20	Thur.	16	3 ·85	20 ·88	1
19	Sat.	15	12 ·35	6 ·96	25	19	Fri.	15	—A ·13	13 ·60	28	21	Fri.	17	4 ·91	21 ·95	2
20	Sun.	16	13 ·26	7 ·91	26	20	Sat.	16	1 ·16	14 ·67	29	22	Sat.	18	5 ·95	... ...	3
21	Mon.	17	14 ·18	8 ·88	27	21	Sun.	17	2 ·23	15 ·57	—30	23	Sun.	19	6 ·97	22 ·01	4
22	Tues.	18	—A ·12	9 ·86	28	22	Mon.	18	3 ·30	16 ·85	1	24	Mon.	20	7 ·97	23 ·05	5
23	Wed.	19	1 ·08	10 ·86	29	23	Tues.	19	4 ·39	17 ·97	2	25	Tues.	21	8 ·95	24 ·07	6
24	Thur.	20	2 ·06	11 ·87	—30	24	Wed.	20	5 ·47	... ...	3	26	Wed.	22	9 ·90	25 ·07	7
25	Fri.	21	3 ·05	12 ·91	1	25	Thur.	21	6 ·56	18 ·07	4	27	Thur.	23	10 ·85	26 ·05	8
26	Sat.	22	4 ·07	13 ·98	2	26	Fri.	22	7 ·64	19 ·17	5					27 ·02	
27	Sun.	23	5 ·10	.. ...	3	27	Sat.	23	8 ·70	20 ·26	6	28	Fri.	24	11 ·78	1 ·98	9
28	Mon.	24	6 ·17	14 ·06	4	28	Sun.	24	9 ·73	21 ·33	7	—29	Sat.	25	12 ·69	2 ·92	10
29	Tues.	25	7 ·24	15 ·15	5	29	Mon.	25	10 ·74	22 ·39	8	1	Sun.	26	13 ·60	3 ·85	11
30	Wed.	26	8 ·32	16 ·25	6	30	Tues.	28	11 ·74	23 ·42	9	2	Mon.	27	14 ·50	4 ·79	12
—31	Thur.	27	9 ·40	17 ·36	7	—31	Wed.	27	12 ·71	24 ·43	10	3	Tues.	28	P ·41	5 ·72	13
1	Fri.	28	10 ·48	18 ·47	8	1	Thur.	28	13 ·67	25 ·42	11	4	Wed.	29	1 ·31	6 ·65	14
2	Sat.	29	11 ·55	19 ·57	9	2	Fri.	29	14 ·61	26 ·39	12	5	Thur.	30	2 ·23	7 ·59	15
3	Sun.	30	12 ·62	20 ·65	10	3	Sat.	30	P ·54	27 ·36	13						
4	Mon.	31	13 ·65	21 ·71	11												
	Aug.						**Oct.**						**Dec.**				
5	Tues.	1	14 ·65	22 ·75	12	4	Sun.	1	1 ·45	1 ·31	14	6	Fri.	1	3 ·14	8 ·54	16
6	Wed.	2	P ·64	23 ·77	13	5	Mon.	2	2 ·35	2 ·24	15	7	Sat.	2	4 ·06	9 ·51	17
7	Thur.	3	1 ·62	24 ·78	14	6	Tues.	3	3 ·25	3 ·17	16				5 ·01		
8	Fri.	4	2 ·58	25 ·76	15	7	Wed.	4	4 ·16	4 ·10	17	8	Sun.	3	6 ·97	10 ·48	18
9	Sat.	5	3 ·52	26 ·73	16				5 ·07	5 ·03		9	Mon.	4	7 ·96	11 ·48	19
10	Sun.	6	4 ·44	27 ·68	17	8	Thur.	5	6 ·97	6 ·98	18	10	Tues.	5	8 ·95	12 ·49	20
11	Mon.	7	5 ·35	1 ·62	18	9	Fri.	6	7 ·89	7 ·92	19	11	Wed.	6	9 ·98	13 ·53	21
12	Tues.	8	6 ·25	2 ·57	19	10	Sat.	7	8 ·81	8 ·87	20	12	Thur.	7	... ...	14 ·59	22
13	Wed.	9	7 ·15	3 ·50	20	11	Sun.	8	9 ·75	9 ·84	21	13	Fri.	8	10 ·03	15 ·67	23
			8 ·05			12	Mon.	9	10 ·71	10 ·82	22	14	Sat.	9	11 ·09	16 ·76	24
14	Thur.	10	9 ·95	4 ·42	21	13	Tues.	10	11 ·69	11 ·84	23	15	Sun.	10	12 ·17	17 ·86	25
15	Fri.	11	10 ·85	5 ·36	22	14	Wed.	11	12 ·70	12 ·86	24	16	Mon.	11	13 ·25	18 ·97	26
16	Sat.	12	11 ·77	6 ·29	23	15	Thur.	12	13 ·72	13 ·91	25	17	Tues.	12	14 ·34	... .	27
17	Sun.	13	12 ·68	7 ·25	24	16	Fri.	13	14 ·76	14 ·97	26	18	Wed.	13	—A ·43	19 ·08	28
18	Mon.	14	13 ·63	8 ·21	25	17	Sat.	14	—A ·82	... ...	27	19	Thur.	14	1 ·51	20 ·18	—29
19	Tues.	15	14 ·59	9 ·19	26	18	Sun.	15	1 ·90	15 ·05	28	20	Fri.	15	2 ·56	21 ·26	1
20	Wed.	16	—A ·57	10 ·18	27	19	Mon.	16	2 ·99	16 ·16	—29	21	Sat.	16	3 ·60	22 ·32	2
21	Thur.	17	1 ·56	11 ·19	28	20	Tues.	17	... ...	17 ·26	1	22	Sun.	17	4 ·62	23 ·37	3
22	Fri.	18	2 ·58	12 ·22	—29	21	Wed.	18	3 ·07	18 ·37	2	23	Mon.	18	5 ·61	24 ·39	4
23	Sat.	19	3 ·61	13 ·29	1	22	Thur.	19	4 ·16	19 ·49	3	24	Tues.	19	6 ·59	25 ·40	5
24	Sun.	20	4 ·67	14 ·36	2	23	Fri.	20	5 ·23	20 ·56	4	25	Wed.	20	7 ·55	26 ·39	6
25	Mon.	21	5 ·75	15 ·45	3	24	Sat.	21	6 ·29	21 ·65	5	26	Thur.	21	8 ·50	27 ·36	7
26	Tues.	22	6 ·84	16 ·55	4	25	Sun.	22	7 ·32	22 ·70	6	27	Fri.	22	9 ·43	1 ·31	8
27	Wed.	23	7 ·92	17 ·66	5	26	Mon.	23	8 ·35	23 ·74	7	28	Sat.	23	10 ·35	2 ·25	9
28	Thur.	24		18 ·77	6	27	Tues.	24	9 ·34	24 ·75	8	29	Sun.	24	11 ·25	3 ·20	10
29	Fri.	25	8 ·00	19 ·87	7	28	Wed.	25	10 ·31	25 ·74	9	—30	Mon.	25	12 ·15	4 ·18	11
30	Sat.	26	9 ·07	20 ·96	8	29	Thur.	26	11 ·27	26 ·72	10				13 ·05	5 ·06	
—31	Sun.	27	10 ·13	... ..	9	—30	Fri.	27	12 ·21	27 ·69	11	1	Tues.	26	14 ·95	6 ·99	12
1	Mon.	28	11 ·17	21 ·02	10	1	Sat.	28	13 ·14	1 ·64	12	2	Wed.	27	P ·87	7 ·93	13
2	Tues.	29	12 ·18	22 ·07	11				14 ·06			3	Thur.	28	1 ·79	8 ·88	14
3	Wed.	30	13 ·18	23 ·10	12	2	Sun.	29	P ·97	2 ·58	13	4	Fri.	29	2 ·72	9 ·84	15
4	Thur.	31	14 ·15	24 ·11	13	3	Mon.	30	1 ·87	3 ·51	14	5	Sat.	30	3 ·66	10 ·81	16
						4	Tues.	31	2 ·78	4 ·44	15	6	Sun.	31	4 ·62	11 ·80	17

Sarvajit. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** **Bhādrapada.** *Sukla.* *Bahula.* **Āshādha.** *Ramazān.* *H. 562* *H. 563*

Sarvajit. **Simha—Āvani.** *Bahula.* *Shawwāl.* *Zi-l-ka'da.* *H. 562* *H. 563*

Sarvajit. **Kanyā—Purattāsi.** *Bahula.* *Sukla.* **Āśvina.** **Kārtika.** *Sukla.* *Bahula.* **Tulā—Aippasi.** *Zi-l-hijja.* *Muḥarram.* *H. 562* *H. 563*

Sarvajit. **Vriśchika—Kārttigai.** *Bahula.* *Sukla.* **Mārgaśirsha.** **Pausha.** *Sukla.* *Bahula.* **Dhanus—Margali.** *Zi-l-hijja.* *Muḥarram.* *Ṣafar.* *Rabi-ul awwal.* *H. 562* *H. 563* *H. 563*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1168. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 24·21. **Śaka 1090.** **Kaliyuga 4269.**
Lunar Eclipse. ○ (Arya Sid.) March 24·16. **(S. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
7	Mon.	1	5 ·61	12 ·81	18	8	Fri.	1	.. ...	17 ·77	19	8	Wed.	1	7 ·48	23 ·95	21
8	Tues.	2	6 ·60	13 ·85	19	9	Sat.	2	6 ·03	18 ·87	20	9	Thur.	2	8 ·50	24 ·99	22
9	Wed.	3	7 ·63	14 ·91	20	10	Sun.	3	7 ·11	19 ·98	21	10	Fri.	3	9 ·52	.. ...	23
10	Thur.	4	8 ·67	15 ·98	21	11	Mon.	4	8 ·20	.. ..	22	11	Sat.	4	10 ·51	25 ·01	24
11	Fri.	5	9 ·73	... ...	22	12	Tues.	5	9 ·29	20 ·08	23	12	Sun.	5	11 ·49	26 ·03	25
12	Sat.	6	10 ·81	16 ·06	23	13	Wed.	6	10 ·36	21 ·17	24	13	Mon.	6	12 ·44	27 ·02 / 1 ·98	26
13	Sun.	7	11 ·90	17 ·16	24	14	Thur.	7	11 ·42	22 ·26	25						
14	Mon.	8	12 ·98	18 ·26	25	15	Fri.	8	12 ·45	23 ·32	26	14	Tues.	7	13 ·38	2 ·94	27
15	Tues.	9	... ...	19 ·37	26	16	Sat.	9	13 ·47	24 ·36	27	15	Wed.	8	14 ·30	3 ·88	28
16	Wed.	10	13 ·07	20 ·47	27	17	Sun.	10	14 ·46	25 ·37	28	16	Thur.	9	—A ·21	4 ·83	29
17	Thur.	11	14 ·15	21 ·57	28	18	Mon.	11	—A ·43	26 ·37	29	17	Fri.	10	1 ·11	5 ·76	—30
18	Fri.	12	—A ·20	22 ·63	29	19	Tues.	12	1 ·39	27 ·36	—30						
19	Sat.	13	1 ·24	23 ·68	—30	20	Wed.	13	2 ·33	1 ·32	1	18	Sat.	11	2 ·00 / 3 ·90	6 ·69	1
20	Sun.	14	2 ·26	24 ·72	1	21	Thur.	14	3 ·26	2 ·27	2	19	Sun.	12	4 ·80	7 ·62	2
21	Mon.	15	3 ·26	25 ·73	2	22	Fri.	15	4 ·17	3 ·21	3	20	Mon.	13	5 ·70	8 ·56	3
22	Tues.	16	4 ·23	26 ·72	3	23	Sat.	16	5 07 / 6 ·97	4 ·14	4	21	Tues.	14	6 ·62	9 ·51	4
23	Wed.	17	5 ·19	27 ·69	4							22	Wed.	15	7 ·55	10 ·47	5
24	Thur.	18	6 ·14	1 ·65	5	24	Sun.	17	7 ·87	5 ·07 / 6 ·00	5	23	Thur.	16	8 ·49	11 ·43	6
25	Fri.	19	7 ·06 / 8 ·98	2 ·60	6	25	Mon.	18	8 ·77	7 ·94	6	24	Fri.	17	9 ·44	12 ·42	7
												25	Sat.	18	10 ·42	13 ·43	8
26	Sat.	20	9 ·89	3 ·54	7	26	Tues.	19	9 ·67	8 ·88	7	26	Sun.	19	11 ·41	14 ·47	9
27	Sun.	21	10 ·79	4 ·47	8	27	Wed.	20	10 ·59	9 ·83	8	27	Mon.	20	12 ·44	15 ·51	10
28	Mon.	22	11 ·69	5 ·40	9	28	Thur.	21	11 ·52	10 ·79	9	28	Tues.	21	13 ·47	16 ·58	11
—29	Tues.	23	12 ·59	6 ·33	10	29	Fri.	22	12 ·46	11 ·78	10	29	Wed.	22	14 ·53	17 ·67	12
1	Wed.	24	13 ·50	7 ·27	11	—30	Sat.	23	13 ·41	12 ·78	11	30	Thur.	23	P ·60	18 ·76	13
2	Thur.	25	14 ·42	8 ·22	12	1	Sun.	24	14 ·39	13 ·79	12	—31	Fri.	24	1 ·68	19 ·87	14
3	Fri.	26	P ·35	9 ·17	13	2	Mon.○	25	P ·39	14 ·83	13	1	Sat.	25	2 ·77	20 ·98	15
4	Sat.	27	1 ·22	10 ·14	14	3	Tues.	26	1 ·41	15 ·89	14	2	Sun.	26	3 ·84	.. ...	16
5	Sun.	28	2 ·25	11 ·12	15	4	Wed.	27	2 ·46	16 ·97	15	3	Mon.	27	4 ·91	21 ·08	17
6	Mon.	29	3 ·23	12 ·13	16	5	Thur.	28	3 ·52	... ...	16	4	Tues.	28	5 ·96	22 ·17	18
7	Tues.	30	4 ·24	13 ·16	17	6	Fri.	29	4 ·59	17 ·06	17	5	Wed.	29	.. ...	23 ·25	19
8	Wed.	31	5 ·26	14 ·21	18	7	Sat.	30	5 ·67	18 ·17	18	6	Thur.	30	6 ·00	24 ·30	20
						8	Sun.	31	6 ·76	19 ·27	19	7	Fri.	31	7 ·01	25 ·34	21
	Feb.						**April.**						**June.**				
9	Thur.	1	6 ·30	15 ·32	19	9	Mon.	1	7 ·84	20 ·38	20	8	Sat.	1	8 ·00 / 9 ·97	26 ·35	22
10	Fri.	2	7 ·36	16 ·36	20	10	Tues.	2	8 ·91	21 ·48	21						
11	Sat.	3	8 ·43	17 ·46	21	11	Wed.	3	9 ·96	22 ·57	22	9	Sun.	2	10 ·92	27 ·34	23
12	Sun.	4	9 ·52	18 ·57	22	12	Thur.	4	10 ·90	23 ·63	23	10	Mon.	3	11 ·86	1 ·32	24
13	Mon.	5	10 ·61	19 ·68	23	13	Fri.	5	.. ..	24 ·67	24	11	Tues.	4	12 ·78	2 ·28	25
14	Tues.	6	11 ·70	20 ·78	24	14	Sat.	6	11 ·01	25 ·69	25	12	Wed.	5	13 ·69	3 ·23	26
15	Wed.	7	12 ·77	21 ·87	25	15	Sun.	7	12 ·00 / 13 ·98	26 ·70	26	13	Thur.	6	14 ·59	4 ·17	27
16	Thur.	8	13 ·82	22 ·94	26							14	Fri.	7	—A ·49	5 ·10	28
17	Fri.	9	14 ·86	.. ...	27	16	Mon.	8	14 ·93	27 ·69	27	15	Sat.	8	1 ·38	6 ·03 / 7 ·96	—29
18	Sat.	10	—A ·87	23 ·01	28	17	Tues.	9	—A ·87	1 ·65	28						
19	Sun.	11	1 ·88	24 ·04	—29	18	Wed.	10	1 ·80	2 ·61	—29	16	Sun.	9	2 ·27	8 ·90	1
20	Mon.	12	2 ·85	25 ·05	1	19	Thur.	11	2 ·70	3 ·55	1	17	Mon.	10	3 ·18	9 ·84	2
21	Tues.	13	3 ·81	26 ·04	2	20	Fri.	12	3 ·60	4 ·48	2	18	Tues.	11	4 ·09	10 ·80	3
22	Wed.	14	4 ·75	27 ·02 / 1 ·99	3	21	Sat.	13	4 ·50	5 ·42	3	19	Wed.	12	5 ·02 / 6 ·96	11 ·76	4
						22	Sun.	14	5 ·41	6 ·35	4						
23	Thur.	15	5 ·68	2 ·95	4	23	Mon.	15	6 ·30	7 ·28	5	20	Thur.	13	7 ·92	12 ·75	5
24	Fri.	16	6 ·59	3 ·87	5	24	Tues.	16	7 ·21	8 ·22	6	21	Fri.	14	8 ·90	13 ·76	6
25	Sat.	17	7 ·49	4 ·81	6	25	Wed.	17	8 ·12	9 ·17	7	22	Sat.	15	9 ·88	14 ·78	7
26	Sun.	18	8 ·39	5 ·73	7							23	Sun.	16	10 ·91	15 ·82	8
27	Mon.	19	9 ·30	6 ·67	8	26	Thur.	18	9 ·04 / 10 ·99	10 ·13	8	24	Mon.	17	11 ·95	16 ·89	9
28	Tues.	20	10 ·20	7 ·61	9	27	Fri.	19	11 ·95	11 ·11	9	25	Tues.	18	... ..	17 ·97	10
29	Wed.	21	11 ·11	8 ·55	10	28	Sat.	20	12 ·93	12 ·10	10	26	Wed.	19	12 ·01	... ...	11
—30	Thur.	22	12 ·03 / 13 ·95	9 ·50	11	29	Sun.	21	13 ·91	13 ·11	11	27	Thur.	20	13 ·08	18 ·06	12
						30	Mon.	22	14 ·94	14 ·14	12	28	Fri.	21	14 ·17	19 ·17	13
1	Fri.	23	14 ·84	10 ·47	12	—31	Tues.	23	P ·98	15 ·20	13	29	Sat.	22	P ·25	20 ·28	14
2	Sat.	24	P ·85	11 ·45	13	1	Wed.	24	.. ...	16 ·28	14	30	Sun.	23	1 ·32	21 ·39	15
3	Sun.	25	1 ·83	12 ·48	14	2	Thur.	25	1 ·03	17 ·37	15	31	Mon.	24	2 ·39	22 ·49	16
4	Mon.	26	2 ·83	13 ·48	15	3	Fri.	26	2 ·11	18 ·47	16	—32	Tues.	25	3 ·44	23 ·55	17
5	Tues.	27	3 ·85	14 ·52	16	4	Sat.	27	3 ·19	19 ·57	17	1	Wed.	26	4 ·47	24 ·62	18
6	Wed.	28	4 ·90	15 ·58	17	5	Sun.	28	4 ·28	20 ·69	18	2	Thur.	27	5 ·48	25 ·66	19
7	Thur.	29	5 ·96	16 ·66	18	6	Mon.	29	5 ·36	21 ·79	19	3	Fri.	28	6 ·48	26 ·67	20
						7	Tues.	30	6 ·43	22 ·87	20	4	Sat.	29	7 ·45	27 ·67	21
												5	Sun.	30	8 ·40	1 ·65	22

Saraj. Makara—Tai. — Pausha. Bahula. Sukla. — Māgha. P. — Phālguna. Sukla. Bahula.
Saraj. Kumbha—Māśi. — Phālguna. Bahula. Sukla. — Chaitra. P. Bahula. — Vaiśākha. P. Bahula.
Sarvaj. Mīna—Panguni. — Chaitra. Sukla. Bahula. — Vaiśākha. P. Bahula. Sukla.
Sarvajit. Mēsha—Chittirai. — Vaiśākha. Sukla. Bahula. — Jyeshtha. P. Bahula. Sukla.
Sarvadhārin. Vrishabha—Vaigāśi. — Jyeshtha. P. Bahula. Sukla. — Āshādha. Bahula. Sukla.
Sarvadhārin. Mithuna—Āni. — Āshādha. Bahula. Sukla. — Śrāvana. P. Bahula. Sukla.

H. 563 Jamāda'l awwal. — H. 563 Rabi-ul ākhir. — H. 563 Jamāda'l ākhir. — H. 563 Rajab. — H. 563 Sha'bān. — H. 563 Ramadān.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1168. **Kollam 344,** { **N. Malabar—Aug.** **Hijra 564.** **Vikrama 1225.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences Oct. 5. **Bengal San. 574.**
P—Paurnimā. **(N. Cycle) Nandana.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Sarvadhārin.				
Karkataka—Ādi.				
6	Mon. 1	9 ·33	2 ·62	*H.* 563 *Ramazān.* 23
7	Tues. 2	10 ·25	3 ·57	24
8	Wed. 3	11 ·16	4 ·51	25
9	Thur. 4	12 ·06	5 ·44	26
		13 ·97		
10	Fri. 5	14 ·86	6 ·37	27
11	Sat. 6	—**A** ·76	7 ·31	28
12	Sun. 7	1 ·66	8 ·24	29
13	Mon. 8	2 ·58	9 ·18	—30
14	Tues. 9	3 ·50	10 ·13	1
15	Wed. 10	4 ·44	11 ·09	2
16	Thur. 11	5 ·40	12 ·07	3
17	Fri. 12	6 ·38	13 ·08	4
18	Sat. 13	7 ·37	14 ·10	5
19	Sun. 14	8 ·39	15 ·13	6
20	Mon. 15	9 ·44	16 ·19	7
21	Tues. 16	10 ·50	17 ·27	8
22	Wed. 17	11 ·56	18 ·37	9
23	Thur. 18	12 ·64	19 ·47	10
24	Fri. 19	13 ·73	20 ·58	11
25	Sat. 20	14 ·82	21 ·69	12
26	Sun. 21	**P** ·88	22 ·78	13
27	Mon. 22	1 ·93	23 ·87	14
28	Tues. 23	2 ·96	24 ·93	15
29	Wed. 24	3 ·97	25 ·97	16
30	Thur. 25	4 ·97	26 ·99	17
31	Fri. 26	5 ·93	27 ·99	18
—32	Sat. 27	6 ·88	1 ·98	19
1	Sun. 28	7 ·82	2 ·95	20
2	Mon. 29	8 ·75	3 ·90	21
3	Tues. 30	9 ·66	4 ·84	22
4	Wed. 31	10 ·56	5 ·78	23
	Aug.			
Sarvadhārin.				
Simha—Āvani.				
5	Thur. 1	11 ·46	6 ·71	24
6	Fri. 2	12 ·35	7 ·64	25
7	Sat. 3	13 ·26	8 ·57	26
8	Sun. 4	14 ·16	9 ·51	27
9	Mon. 5	—**A** ·07	10 ·46	28
10	Tues. 6	1 ·00	11 ·42	—29
		2 ·95		
11	Wed. 7	3 ·90	12 ·42	1
12	Thur. 8	4 ·88	13 ·40	2
13	Fri. 9	5 ·88	14 ·42	3
14	Sat. 10	6 ·90	15 ·44	4
15	Sun. 11	7 ·94	16 ·50	5
16	Mon. 12	... ...	17 ·58	6
17	Tues. 13	8 ·00	18 ·67	7
18	Wed. 14	9 ·08	19 ·77	8
19	Thur. 15	10 ·16	20 ·88	9
20	Fri. 16	11 ·24	21 ·99	10
21	Sat. 17	12 ·33	... ...	11
22	Sun. 18	13 ·37	22 ·09	12
23	Mon. 19	14 ·44	23 ·18	13
24	Tues. 20	**P** ·47	24 ·24	14
25	Wed. 21	1 ·49	25 ·29	15
26	Thur. 22	2 ·48	26 ·31	16
27	Fri. 23	3 ·46	27 ·33	17
28	Sat. 24	4 ·41	1 ·31	18
29	Sun. 25	5 ·34	2 ·28	19
30	Mon. 26	6 ·27	3 ·24	20
—31	Tues. 27	7 ·18	4 ·18	21
P	Wed. 28	8 ·09	5 ·11	22
		9 ·99		
2	Thur. 29	10 ·89	6 ·05	23
			7 ·98	
3	Fri. 30	11 ·78	8 ·91	24
4	Sat. 31	12 ·63	9 ·85	25

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Sarvadhārin.				
Kanyā—Purattāsi.				
5	Sun. 1	13 ·60	10 ·79	26
6	Mon. 2	14 ·53	11 ·76	27
7	Tues. ● 3	—**A** ·48	12 ·73	28
8	Wed. 4	1 ·44	13 ·72	29
9	Thur. 5	2 ·42	14 ·73	—30
10	Fri. 6	3 ·41	15 ·76	1
11	Sat. 7	4 ·43	16 ·82	2
12	Sun. 8	5 ·48	17 ·89	3
13	Mon. 9	6 ·54	18 ·97	4
14	Tues. 10	7 ·62	.. ..	5
15	Wed. 11	8 ·70	19 ·07	6
16	Thur. 12	9 ·79	20 ·18	7
17	Fri. 13	10 ·87	21 ·29	8
18	Sat. 14	11 ·94	22 ·39	9
19	Sun. 15	12 ·99	23 ·48	10
20	Mon. 16	... ..	24 ·55	11
21	Tues. 17	13 ·02	25 ·60	12
22	Wed. ○ 18	14 ·04	26 ·64	13
23	Thur. 19	**P** ·03	27 ·65	14
24	Fri. 20	1 ·01	1 ·64	15
		2 ·96		
25	Sat. 21	3 ·91	2 ·61	16
26	Sun. 22	4 ·82	3 ·57	17
27	Mon. 23	5 ·74	4 ·52	18
28	Tues. 24	6 ·65	5 ·46	19
29	Wed. 25	7 ·55	6 ·39	20
—30	Thur. 26	8 ·45	7 ·32	21
1	Fri. 27	9 ·35	8 ·25	22
2	Sat. 28	10 ·26	9 ·19	23
3	Sun. 29	11 ·18	10 ·14	24
4	Mon. 30	12 ·11	11 ·09	25
	Oct.			
Sarvadhārin.				
Tulā—Aippasi.				
5	Tues. 1	13 ·05	12 ·06	26
6	Wed. 2	14 ·00	13 ·04	27
		A ·99		
7	Thur. 3	1 ·99	14 ·05	28
8	Fri. 4	... ...	15 ·08	—29
9	Sat. 5	2 ·02	16 ·13	1
10	Sun. 6	3 ·06	17 ·19	2
11	Mon. 7	4 ·13	18 ·27	3
12	Tues. 8	5 ·20	19 ·37	4
13	Wed. 9	6 ·28	20 ·49	5
14	Thur. 10	7 ·37	21 ·59	6
15	Fri. 11	8 ·46	22 ·69	7
16	Sat. 12	9 ·53	23 ·78	8
17	Sun. 13	10 ·58	24 ·86	9
18	Mon. 14	11 ·62	25 ·92	10
19	Tues. 15	12 ·63	26 ·96	11
20	Wed. 16	13 ·62	27 ·97	12
21	Thur. 17	14 ·61	1 ·97	13
22	Fri. 18	**P** ·56	2 ·94	14
23	Sat. 19	1 ·50	3 ·90	15
24	Sun. 20	2 ·42	4 ·86	16
25	Mon. 21	3 ·34	5 ·80	17
26	Tues. 22	4 ·25	6 ·73	18
27	Wed. 23	5 ·15	7 ·66	19
28	Thur. 24	6 ·05	8 ·59	20
		7 ·95		
29	Fri. 25	8 ·86	9 ·53	21
—30	Sat. 26	9 ·78	10 ·47	22
1	Sun. 27	10 ·72	11 ·42	23
2	Mon. 28	11 ·66	12 ·39	24
3	Tues. 29	12 ·62	13 ·37	25
4	Wed. 30	13 ·61	14 ·38	26
5	Thur. 31	14 ·60	15 ·40	27

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Sarvadhārin.				
Vrischika—Kārttigai.				
6	Fri. 1	—**A** ·63	16 ·44	28
7	Sat. 2	1 ·67	17 ·50	29
8	Sun. 3	2 ·74	18 ·58	—30
9	Mon. 4	3 ·82	19 ·68	1
10	Tues. 5	4 ·91	20 ·78	2
11	Wed. 6	... ...	21 ·89	3
12	Thur. 7	5 ·00	22 ·99	4
13	Fri. 8	6 ·08	... ...	5
14	Sat. 9	7 ·15	23 ·09	6
15	Sun. 10	8 ·20	24 ·16	7
16	Mon. 11	9 ·24	25 ·23	8
17	Tues. 12	10 ·26	26 ·27	9
18	Wed. 13	11 ·26	27 ·29	10
19	Thur. 14	12 ·23	1 ·29	11
20	Fri. 15	13 ·19	2 ·27	12
21	Sat. 16	14 ·12	3 ·25	13
22	Sun. 17	**P** ·05	4 ·20	14
		1 ·97		
23	Mon. 18	2 ·88	5 ·14	15
24	Tues. 19	3 ·79	6 ·07	16
25	Wed. 20	4 ·69	7 ·00	17
			8 ·94	
26	Thur. 21	5 ·59	9 ·87	18
27	Fri. 22	6 ·49	10 ·81	19
28	Sat. 23	7 ·41	11 ·76	20
29	Sun. 24	8 ·35	12 ·72	21
1	Mon. 25	9 ·29	13 ·70	22
2	Tues. 26	10 ·26	14 ·70	23
3	Wed. 27	11 ·24	15 ·71	24
4	Thur. 28	12 ·24	16 ·75	25
5	Fri. 29	13 ·27	17 ·80	26
6	Sat. 30	14 ·31	18 ·88	27
	Dec.			
Sarvadhārin.				
Dhanus—Mārgali.				
7	Sun. 1	—**A** ·38	19 ·98	28
8	Mon. 2	1 ·46	... ...	—29
9	Tues. 3	2 ·55	20 ·08	1
10	Wed. 4	3 ·64	21 ·19	2
11	Thur. 5	4 ·72	22 ·29	3
12	Fri. 6	5 ·79	23 ·39	4
13	Sat. 7	6 ·85	24 ·48	5
14	Sun. 8	7 ·89	25 ·55	6
15	Mon. 9	8 ·90	26 ·59	7
16	Tues. 10	9 ·90	27 ·61	8
17	Wed. 11	10 ·87	1 ·62	9
18	Thur. 12	11 ·82	2 ·61	10
19	Fri. 13	12 ·76	3 ·58	11
20	Sat. 14	13 ·69	4 ·53	12
21	Sun. 15	14 ·61	5 ·47	13
22	Mon. 16	**P** ·52	6 ·41	14
23	Tues 17	1 ·42	7 ·35	15
24	Wed. 18	2 ·32	8 ·26	16
25	Thur. 19	3 ·23	9 ·21	17
26	Fri. 20	4 ·14	10 ·14	18
27	Sat. 21	5 ·06	11 ·09	19
28	Sun. 22	6 ·00	12 ·05	20
		7 ·94		
29	Mon. 23	8 ·90	13 ·03	21
—30	Tues. 24	9 ·89	14 ·02	22
Sarvadhārin.				
Makara—Tai.				
1	Wed. 25	10 ·90	15 ·03	23
2	Thur. 26	11 ·91	16 ·06	24
3	Fri. 27	12 ·96	17 ·11	25
4	Sat. 28	... ...	18 ·19	26
5	Sun. 29	13 ·03	19 ·28	27
6	Mon. 30	14 ·11	20 ·38	28
7	Tues. 31	**A** ·19	21 ·48	29

Sukla. *Bahula.* **Śrāvana.** **Bhādrapada.** **Kārttika.** **Pausha.** **Māgaśirsha.** *H.* 563 *Shawwāl.* *H.* 563 *Zi-l-ka'da.* *H.* 563 *Zi-l-hijja.* *H.* 564 *Muharram.* *H.* 564 *Safar.* *H.* 564 *Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1169. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Kaliyuga 4270.**
Solar Eclipse. ● (Surya Sid.) **March 24·47.** **Śaka 1091.** **(S. Cycle) Virodhin.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·42.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Sarvadhārin. **Makara—Tai.** 8	Wed. 1	1 ·28	22 ·59	—30
9	Thur. 2	2 ·37	23 ·69	1
10	Fri. 3	3 ·44	24 ·79	2
11	Sat. 4	4 ·49	25 ·85	3
12	Sun. 5	5 ·54	26 ·90	4
13	Mon. 6	6 ·56	27 ·93	5
14	Tues. 7	7 ·54	1 ·95	6
15	Wed. 8	8 ·52	2 ·94	7
16	Thur. 9	9 ·48	3 ·91	8
17	Fri. 10	10 ·41	4 ·86	9
18	Sat. 11	11 ·34	5 ·81	10
19	Sun. 12	12 ·26	6 ·76	11
20	Mon. 13	13 ·17	7 ·69	12
21	Tues. 14	14 ·07	8 ·61	13
22	Wed. 15	1 ·88	9 ·55	14
23	Thur. 16	2 ·78	10 ·48	15
24	Fri. 17	3 ·70	11 ·42	16
25	Sat. 18	4 ·63	12 ·39	17
26	Sun. 19	5 ·57	13 ·36	18
27	Mon. 20	6 ·54	14 ·34	19
28	Tues. 21	7 ·53	15 ·35	20
—29	Wed. 22	8 ·53	16 ·37	21
1	Thur. 23	9 ·54	17 ·43	22
2	Fri. 24	10 ·59	18 ·50	23
3	Sat. 25	11 ·66	19 ·58	24
4	Sun. 26	12 ·74	20 ·68	25
5	Mon. 27	13 ·82	21 ·78	26
6	Tues. 28	14 ·91	22 ·90	27
7	Wed. 29	... ...	... ...	28
8	Thur. 30	—A ·00	23 ·00	—29
9	Fri. 31	1 ·07	24 ·09	1
	Feb.			
Sarvadhārin. **Kumbha—Māsi.** 10	Sat. 1	2 ·13	25 ·16	2
11	Sun. 2	3 ·16	26 ·22	3
12	Mon. 3	4 ·18	27 ·26	4
13	Tues. 4	5 ·17	1 ·27	5
14	Wed. 5	6 ·15	2 ·26	6
15	Thur. 6	7 ·10	3 ·24	7
16	Fri. 7	8 ·04 / 9 ·96	4 ·20	8
17	Sat. 8	10 ·87	5 ·15	9
18	Sun. 9	11 ·78	6 ·09	10
19	Mon. 10	12 ·68	7 ·02 / 8 ·95	11
20	Tues. 11	13 ·59	9 ·88	12
21	Wed. 12	14 ·49	10 ·82	13
22	Thur. 13	P ·40	11 ·77	14
23	Fri. 14	1 ·31	12 ·72	15
24	Sat. 15	2 ·23	13 ·68	16
25	Sun. 16	3 ·18	14 ·67	17
26	Mon. 17	4 ·15	15 ·65	18
27	Tues. 18	5 ·14	16 ·70	19
28	Wed. 19	6 ·14	17 ·74	20
29	Thur. 20	7 ·16	18 ·80	21
—30	Fri. 21	8 ·20	19 ·88	22
1	Sat. 22	9 ·26	20 ·98	23
2	Sun. 23	10 ·34	...	24
3	Mon. 24	11 ·42	21 ·09	25
4	Tues. 25	12 ·51	22 ·20	26
5	Wed. 26	13 ·59	23 ·30	27
6	Thur. 27	14 ·67	24 ·39	28
7	Fri. 28	A ·72	25 ·47	29
	March.			
Sarvadhārin. **Mīna—Phalguni.** 8	Sat. 1	1 ·76	26 ·54	—30
9	Sun. 2	2 ·78	27 ·58	1
10	Mon. 3	3 ·76	1 ·59	2
11	Tues. 4	4 ·74	2 ·59	3
12	Wed. 5	5 ·70	3 ·57	4
13	Thur. 6	6 ·63	4 ·53	5
14	Fri. 7	7 ·55	5 ·49	6
15	Sat. 8	8 ·47	6 ·43	7
16	Sun. 9	9 ·37	7 ·36	8
17	Mon. 10	10 ·27	8 ·29	9
18	Tues. 11	11 ·17	9 ·23	10
19	Wed. 12	12 ·07 / 13 ·98	10 ·16	11
20	Thur. 13	14 ·89	11 ·10	12
21	Fri. ○ 14	P ·82	12 ·05	13
22	Sat. 15	1 ·76	13 ·01 / 14 ·99	14
23	Sun. 16	2 ·72	... ..	15
24	Mon. 17	3 ·71	15 ·00	16
25	Tues. 18	4 ·71	16 ·01	17
26	Wed. 19	5 ·73	17 ·05	18
27	Thur. 20	6 ·77	18 ·11	19
28	Fri. 21	7 ·84	19 ·18	20
29	Sat. 22	8 ·91	20 ·28	21
—30	Sun. 23	9 ·99	21 ·39	22
1	Mon. 24	... ...	22 ·49	23
2	Tues. 25	10 ·07	23 ·60	24
3	Wed. 26	11 ·15	24 ·69	25
4	Thur. 27	12 ·23	25 ·78	26
5	Fri. 28	13 ·28	26 ·85	27
6	Sat. 29	14 ·32	27 ·89	28
7	Sun. 30	—A ·33	1 ·91	—29
8	Mon. 31	1 ·32	2 ·91	1
	April.			
Virodhin. **Mēsha—Chittirai.** 9	Tues. 1	2 ·29	3 ·90	2
10	Wed. 2	3 ·24	4 ·87	3
11	Thur. 3	4 ·18	5 ·83	4
12	Fri. 4	5 ·10	6 ·77	5
13	Sat. 5	6 ·01 / 7 ·91	7 ·70	6
14	Sun. 6	8 ·81	8 ·63	7
15	Mon. 7	9 ·71	9 ·57	8
16	Tues. 8	10 ·61	10 ·50	9
17	Wed. 9	11 ·52	11 ·44	10
18	Thur. 10	12 ·43	12 ·39	11
19	Fri. 11	13 ·36	13 ·34	12
20	Sat. 12	14 ·30	14 ·33	13
21	Sun. 13	P ·26	15 ·32	14
22	Mon. 14	1 ·24	16 ·33	15
23	Tues. 15	2 ·25	17 ·36	16
24	Wed. 16	3 ·27	18 ·42	17
25	Thur. 17	4 ·30	19 ·50	18
26	Fri. 18	5 ·36	20 ·59	19
27	Sat. 19	6 ·43	21 ·69	20
28	Sun. 20	7 ·52	22 ·79	21
29	Mon. 21	8 ·61	23 ·90	22
30	Tues. 22	9 ·69	... ...	23
—31	Wed. 23	10 ·75	24 ·00	24
1	Thur. 24	11 ·80	25 ·09	25
2	Fri. 25	12 ·84	26 ·16	26
3	Sat. 26	13 ·85	27 ·21	27
4	Sun. 27	14 ·84	1 ·23	28
5	Mon. 28	—A ·80	2 ·24	29
6	Tues. 29	1 ·75	3 ·23	—30
7	Wed. 30	2 ·69	4 ·20	1
	May.			
Virodhin. **Vrishabha—Vaigāsi.** 8	Thur. 1	3 ·62	5 ·16	2
9	Fri. 2	4 ·53	6 ·10	3
10	Sat. 3	5 ·42	7 ·04 / 8 ·98	4
11	Sun. 4	6 ·32	9 ·91	5
12	Mon. 5	7 ·22	10 ·84	6
13	Tues. 6	8 ·12	11 ·77	7
14	Wed. 7	9 ·02 / 10 ·94	12 ·72	8
15	Thur. 8	11 ·86	13 ·67	9
16	Fri. 9	12 ·80	14 ·65	10
17	Sat. 10	13 ·76	15 ·63	11
18	Sun. 11	14 ·74	16 ·65	12
19	Mon. 12	P ·75	17 ·68	13
20	Tues. 13	1 ·76	18 ·72	14
21	Wed. 14	2 ·81	19 ·80	15
22	Thur. 15	3 ·86	20 ·89	16
23	Fri. 16	4 ·93	21 ·98	17
24	Sat. 17	... ...	... ...	18
25	Sun. 18	5 ·01	22 ·09	19
26	Mon. 19	6 ·10	23 ·20	20
27	Tues. 20	7 ·18	24 ·31	21
28	Wed. 21	8 ·25	25 ·40	22
29	Thur. 22	9 ·31	26 ·47	23
30	Fri. 23	10 ·34	27 ·52	24
31	Sat. 24	11 ·35	1 ·55	25
—32	Sun. 25	12 ·33	2 ·57	26
1	Mon. 26	13 ·29	3 ·56	27
2	Tues. 27	14 ·25	4 ·54	28
3	Wed. 28	—A ·18	5 ·49	—29
4	Thur. 29	1 ·10	6 ·44	1
5	Fri. 30	2 ·01 / 3 ·91	7 ·39	2
6	Sat. 31	4 ·81	8 ·32	3
	June.			
Virodhin. **Mithuna—Āni.** 7	Sun. 1	5 ·70	9 ·25	4
8	Mon. 2	6 ·60	10 ·18	5
9	Tues. 3	7 ·51	11 ·11	6
10	Wed. 4	8 ·42	12 ·05	7
11	Thur. 5	9 ·34	13 ·02 / 14 ·98	8
12	Fri. 6	10 ·28	15 ·97	9
13	Sat. 7	11 ·24	16 ·97	10
14	Sun. 8	12 ·22	17 ·99	11
15	Mon. 9	13 ·23	... ...	12
16	Tues. 10	14 ·25	18 ·04	13
17	Wed. 11	P ·29	19 ·11	14
18	Thur. 12	1 ·34	20 ·19	15
19	Fri. 13	2 ·42	21 ·28	16
20	Sat. 14	3 ·50	22 ·39	17
21	Sun. 15	4 ·59	23 ·50	18
22	Mon. 16	5 ·66	24 ·61	19
23	Tues. 17	6 ·72	25 ·70	20
24	Wed. 18	7 ·78	26 ·77	21
25	Thur. 19	8 ·81	27 ·83	22
26	Fri. 20	9 ·82	1 ·88	23
27	Sat. 21	10 ·80	2 ·89	24
28	Sun. 22	11 ·77	3 ·89	25
29	Mon. 23	12 ·72	4 ·86	26
30	Tues. 24	13 ·65	5 ·83	27
—31	Wed. 25	14 ·58	6 ·78	28
1	Thur. 26	—A ·49	7 ·72	29
2	Fri. 27	1 ·39	8 ·67	—30
3	Sat. 28	2 ·29	9 ·59	1
4	Sun. 29	3 ·19	10 ·52	2
5	Mon. 30	4 ·08 / 5 ·99	11 ·45	3

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

H. 564 Rabi-ul ākhir. *H. 564 Jamādi'l ākhir.* *H. 564 Jamādi'l awwal.* *H. 564 Rajab.* *H. 564 Sha'bān.* *H. 564 Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 26. U. Bhad. 27. Rev.

A.D. 1169. **Kollam 345,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 565.** Commences **Sep. 25.** **Vikrama 1226.** **Bengal San. 575.** **(N. Cycle) Vijaya.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	July.							**Sep.**							**Nov.**					
6	Tues.	1	6 ·90		12 ·40	4	5	Mon.	1	*Sukla.* 9 ·79		19 ·03	7	6	Sat.	1	10 ·37		25 ·21	8
7	Wed.	2	7 ·82		13 ·35	5	6	Tues.	2	10 ·86		20 ·11	8	7	Sun.	2	11 ·44		26 ·91	9
8	Thur.	3	8 ·76		14 ·31	6	7	Wed.	3	11 ·93		21 ·19	9	8	Mon.	3	12 ·50		27 ·38	10
9	Fri.	4	9 ·72		15 ·29	7	8	Thur.	4	... ...		22 ·29	10	9	Tues.	4	13 ·53		1 ·45	11
10	Sat.	5	10 ·71		16 ·29	8	9	Fri.	5	12 ·02		23 ·40	11	10	Wed.	5	14 ·54		2 ·49	12
11	Sun.	6	11 ·71		17 ·31	9	10	Sat.	6	13 ·11		24 ·50	12	11	Thur.	6	P ·54		3 ·51	13
12	Mon.	7	12 ·73		18 ·35	10	11	Sun.	7	14 ·19		25 ·60	13	12	Fri.	7	1 ·52		4 ·51	14
13	Tues.	8	13 ·77		19 ·41	11	12	Mon. ○	8	P ·25		26 ·69	14	13	Sat.	8	2 ·47		5 ·49	15
14	Wed.	9	14 ·83		20 ·49	12	13	Tues.	9	1 ·30		27 ·77	15	14	Sun.	9	3 ·41		6 ·45	16
15	Thur.	10	P ·90		21 ·58	13	14	Wed.	10	2 ·34		1 ·82	16	15	Mon.	10	4 ·34		7 ·39	17
16	Fri.	11	1 ·98		22 ·70	14	15	Thur.	11	3 ·35		2 ·85	17	16	Tues.	11	5 ·25		8 ·30	18
17	Sat.	12	... ...		23 ·80	15	16	Fri.	12	4 ·34		3 ·86	18	17	Wed.	12	6 ·15		9 ·29	19
18	Sun.	13	2 ·07		24 ·91	16	17	Sat.	13	5 ·31		4 ·86	19				7 ·06			
19	Mon.	14	3 ·14		... ...	17	18	Sun.	14	6 ·27		5 ·82	20	18	Thur.	13	8 ·96		10 ·22	20
20	Tues.	15	4 ·21		25 ·00	18	19	Mon.	15	7 ·20		6 ·79	21	19	Fri.	14	9 ·86		11 ·15	21
21	Wed.	16	5 ·26		26 ·08	19	20	Tues.	16	8 ·12		7 ·73	22	20	Sat.	15	10 ·77		12 ·08	22
22	Thur.	17	6 ·29		27 ·15	20				9 ·03									13 ·03	
23	Fri.	18	7 ·30		1 ·19	21	21	Wed.	17	10 ·93		8 ·67	23	21	Sun.	16	11 ·69		14 ·98	23
24	Sat.	19	8 ·28		2 ·21	22	22	Thur.	18	11 ·84		9 ·61	24	22	Mon.	17	12 ·62		15 ·94	24
25	Sun.	20	9 ·26		3 ·21	23	23	Fri.	19	12 ·74		10 ·54	25	23	Tues.	18	13 ·57		16 ·91	25
26	Mon.	21	10 ·21		4 ·19	24	24	Sat.	20	13 ·64		11 ·47	26	24	Wed.	19	14 ·54		17 ·91	26
27	Tues.	22	11 ·14		5 ·16	25	25	Sun.	21	14 ·55		12 ·41	27	25	Thur.	20	—A ·53		18 ·92	27
			12 ·06				26	Mon.	22	—A ·47		13 ·35	28	26	Fri.	21	1 ·53		19 ·97	28
28	Wed.	23	13 ·97		6 ·12	26	27	Tues.	23	1 ·40		14 ·31	29	27	Sat.	22	2 ·55		... ...	—29
29	Thur.	24	14 ·87		7 ·06	27	28	Wed.	24	2 ·34		15 ·28	—30	28	Sun.	23	3 ·61		20 ·02	1
					8 ·00		29	Thur.	25	3 ·31		16 ·26	1	29	Mon.	24	4 ·68		21 ·10	2
30	Fri.	25	—A ·77		9 ·92	28	—30	Fri.	26	4 ·29		17 ·27	2	—30	Tues.	25	5 ·75		22 ·19	3
31	Sat.	26	1 ·67		10 ·85	—29	1	Sat.	27	5 ·30		18 ·29	3	1	Wed.	26	*Sukla.* 6 ·84		23 ·30	4
—32	Sun.	27	2 ·57		11 ·80	1	2	Sun.	28	6 ·32		19 ·34	4	2	Thur.	27	7 ·93		24 ·41	5
1	Mon.	28	3 ·48		12 ·73	2	3	Mon.	29	7 ·37		20 ·41	5	3	Fri.	28	... ...		25 ·51	6
2	Tues.	29	4 ·39		13 ·68	3	4	Tues.	30	8 ·43		21 ·49	6	4	Sat.	29	8 ·01		26 ·61	7
3	Wed.	30	5 ·32		14 ·64	4								5	Sun.	30	9 ·08		27 ·69	8
4	Thur.	31	6 ·26		15 ·62	5														
	Aug.							**Oct.**							**Dec.**					
5	Fri.	1	*Sukla.* 7 ·21		16 ·62	6	5	Wed.	1	9 ·50		22 ·59	7	6	Mon.	1	10 ·14		1 ·77	9
6	Sat.	2	8 ·20		17 ·63	7	6	Thur.	2	10 ·58		23 ·70	8	7	Tues.	2	11 ·17		2 ·81	10
7	Sun.	3	9 ·20		18 ·66	8	7	Fri.	3	11 ·67		24 ·81	9	8	Wed.	3	12 ·19		3 ·83	11
8	Mon.	4	10 ·23		19 ·72	9	8	Sat.	4	12 ·76		25 ·91	10	9	Thur.	4	13 ·17		4 ·84	12
9	Tues.	5	11 ·27		20 ·79	10	9	Sun.	5	13 ·83		... ...	11	10	Fri.	5	14 ·16		5 ·82	13
10	Wed.	6	12 ·32		21 ·89	11	10	Mon.	6	14 ·89		26 ·00	12	11	Sat.	6	P ·11		6 ·79	14
11	Thur.	7	13 ·40		22 ·99	12	11	Tues.	7	P ·92		27 ·08	13	12	Sun.	7	1 ·05		7 ·75	15
12	Fri.	8	14 ·48		... ...	13	12	Wed.	8	1 ·93		1 ·13	14				2 ·97			
13	Sat.	9	P ·57		23 ·10	14	13	Thur.	9	2 ·92		2 ·17	15	13	Mon.	8	3 ·88		8 ·69	16
14	Sun.	10	1 ·65		24 ·21	15	14	Fri.	10	3 ·89		3 ·19	16	14	Tues.	9	4 ·79		9 ·63	17
15	Mon.	11	2 ·72		25 ·30	16	15	Sat.	11	4 ·85		4 ·19	17	15	Wed.	10	5 ·70		10 ·56	18
16	Tues.	12	3 ·77		26 ·39	17	16	Sun.	12	5 ·79		5 ·16	18	16	Thur.	11	6 ·60		11 ·49	19
17	Wed.	13	4 ·80		27 ·45	18	17	Mon.	13	6 ·72		6 ·12	19	17	Fri.	12	7 ·50		12 ·43	20
18	Thur.	14	5 ·81		1 ·50	19	18	Tues.	14	7 ·63		7 ·07	20	18	Sat.	13	8 ·42		13 ·36	21
19	Fri.	15	6 ·80		2 ·53	20						8 ·02		19	Sun.	14	9 ·34		14 ·31	22
20	Sat.	16	7 ·77		3 ·54	21	19	Wed.	15	8 ·58		9 ·95	21	20	Mon.	15	10 ·27		15 ·27	23
21	Sun.	17	8 ·72		4 ·52	22	20	Thur.	16	9 ·43		10 ·88	22	21	Tues.	16	11 ·21		16 ·24	24
22	Mon.	18	9 ·66		5 ·50	23	21	Fri.	17	10 ·33		11 ·81	23	22	Wed.	17	12 ·18		17 ·23	25
23	Tues.	19	10 ·58		6 ·45	24	22	Sat.	18	11 ·24		12 ·74	24	23	Thur.	18	13 ·17		18 ·25	26
24	Wed.	20	11 ·48		7 ·40	25	23	Sun.	19	12 ·15		13 ·68	25	24	Fri.	19	14 ·17		19 ·28	27
25	Thur.	21	12 ·38		8 ·33	26				13 ·07				25	Sat.	20	A ·20		20 ·33	28
26	Fri.	22	13 ·28		9 ·26	27	24	Mon.	20	14 ·99		14 ·63	26	26	Sun.	21	1 ·25		21 ·40	29
27	Sat.	23	14 ·18		10 ·20	28	25	Tues.	21	—A ·94		15 ·61	27	27	Mon.	22	2 ·32		22 ·50	—30
			A ·08				26	Wed.	22	1 ·91		16 ·59	28	28	Tues.	23	3 ·40		23 ·60	1
28	Sun. ●	24	1 ·99		11 ·13	29	27	Thur.	23	2 ·89		17 ·59	29	—29	Wed.	24	*Sukla.* 4 ·48		24 ·71	2
29	Mon.	25	2 ·91		12 ·07	—30	28	Fri.	24	3 ·90		18 ·61	—30	1	Thur.	25	5 ·57		25 ·81	3
					13 ·91		29	Sat.	25	4 ·92		19 ·66	1	2	Fri.	26	6 ·66		26 ·91	4
30	Tues.	26	3 ·84		14 ·97	1	—30	Sun.	26	5 ·97		20 ·72	2	3	Sat.	27	7 ·73		... ...	5
—31	Wed.	27	4 ·78		15 ·95	2	1	Mon.	27	... ...		21 ·80	3	4	Sun.	28	8 ·78		27 ·01	6
1	Thur.	28	*Sukla.* 5 ·75		16 ·94	3	2	Tues.	28	*Sukla.* 6 ·04		22 ·89	4	5	Mon.	29	*Pausha.* 9 ·82		1 ·07	7
2	Fri.	29	6 ·78		17 ·95	4	3	Wed.	29	7 ·12		23 ·99	5	6	Tues.	30	10 ·84		2 ·12	8
3	Sat.	30	7 ·73		18 ·98	5	4	Thur.	30	8 ·20		... ...	6	7	Wed.	31	11 ·82		3 ·15	9
4	Sun.	31	8 ·75		... ...	6	5	Fri.	31	9 ·28		24 ·11	7							

Virodhin. **Karkataka—Ādi.** *Bahula.* **Adhika Śrāvana.** *Sukla.* *Bahula.* *Virodhin.* **Kanyā—Purattāsi.** *Bahula.* *Sukla.* *Virodhin.* **Vriśchika—Karttigai.** *Bahula.* *Sukla.* *Bahula.* *Virodhin.* **Dhanus—Mārgali.** *Bahula.* *Sukla.* *Bahula.* *Virodhin.* **Simha—Āvani.** *Bahula.* **Nija Śrāvana.** *Sukla.* *Virodhin.* **Tulā—Aippaśi.** *Bahula.* *Sukla.* *Bahula.* *Virodhin.* **Makara—Mārgali.** *Bahula.* *Sukla.* *Bahula.*

H. 564 *Shawwāl.* *H.* 564 *Zī-l-ka'da.* *H.* 564 *Zī-l-hijja.* *H.* 565 *Muharram.* *H.* 565 *Safar.* *H.* 565 *Rabi-ul awwal.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mula. **20.** P. Ash. **21.** U. Ash. **22.** Srav. **23.** Dhani. **24** Satab.

A.D. 1170. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ☉ **(Surya Sid.) March 24·73.** **Śaka 1092.** **Kaliyuga 4271.**
Lunar Eclipse. ☾ **(Arya Sid.) March 24·68.** **(S. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Thur.	1	12 ·80	4 ·16	10	8	Sun.	1	12 ·75	9 ·66	10	7	Fri.	1	14 ·25	16 ·89	12
9	Fri.	2	13 ·76	5 ·14	11	9	Mon.	2	13 ·66	10 ·58	11	8	Sat.	2	P ·18	17 ·86	13
10	Sat.	3	14 ·70	6 ·13	12	10	Tues.	3	14 ·56	11 ·51	12	9	Sun.	3	1 ·12	18 ·86	14
11	Sun.	4	P ·62	7 ·08	13	11	Wed.	4	P ·46	12 ·44	13	10	Mon.	4	2 ·08	19 ·87	15
12	Mon.	5	1 ·53	8 ·03 / 9 ·96	14	12	Thur.	5	1 ·37	13 ·37	14	11	Tues.	5	3 ·07	20 ·90	16
13	Tues.	6	2 ·44	10 ·89	15	13	Fri.	6	2 ·27	14 ·32	15	12	Wed.	6	4 ·07	21 ·94	17
14	Wed.	7	3 ·35	11 ·83	16	14	Sat.	7	3 ·19	15 ·27	16	13	Thur.	7	5 ·09	.. ...	18
15	Thur.	8	4 ·25	12 ·76	17	15	Sun.	8	4 ·12	16 ·23	17	14	Fri.	8	6 ·13	22 ·01	19
16	Fri.	9	5 ·15	13 ·70	18	16	Mon.	9	5 ·07	17 ·21	18	15	Sat.	9	7 ·19	23 ·10	20
17	Sat.	10	6 ·06 / 7 ·97	14 ·64	19	17	Tues.	10	6 ·03	18 ·21	19	16	Sun.	10	8 ·27	24 ·20	21
18	Sun.	11	8 ·91	15 ·60	20	18	Wed.	11	7 ·01	19 ·22	20	17	Mon.	11	9 ·35	25 ·31	22
19	Mon.	12	9 ·86	16 ·58	21	19	Thur.	12	8 ·02	20 ·27	21	18	Tues.	12	10 ·44	26 ·42	23
20	Tues.	13	10 ·83	17 ·56	22	20	Fri.	13	9 ·04	21 ·33	22	19	Wed.	13	11 ·51	27 ·52	24
21	Wed.	14	11 ·81	18 ·57	23	21	Sat.	14	10 ·09	22 ·40	23	20	Thur.	14	12 ·57	1 ·62	25
22	Thur.	15	12 ·81	19 ·59	24	22	Sun.	15	11 ·15	23 ·50	24	21	Fri.	15	13 ·62	2 ·69	26
23	Fri.	16	13 ·85	20 ·66	25	23	Mon.	16	12 ·23	24 ·60	25	22	Sat.	16	14 ·66	3 ·74	27
24	Sat.	17	14 ·90	21 ·72	26	24	Tues.	17	13 ·31	25 ·72	26	23	Sun.	17	—A ·67	4 ·77	28
25	Sun.	18	—A ·96	22 ·80	27	25	Wed.	18	14 ·40	26 ·82	27	24	Mon.	18	1 ·65	5 ·78	—29
26	Mon.	19	...	23 ·90	28	26	Thur.	19	—A ·48	27 ·92	28	25	Tues.	19	2 ·62	6 ·77	1
27	Tues.	20	1 ·03	... ...	—29	27	Fri.	20	1 ·54	... ...	—29	26	Wed.	20	3 ·57	7 ·74	2
28	Wed.	21	2 ·12	24 ·03	1	28	Sat.	21	2 ·60	1 ·00	1	27	Thur.	21	4 ·50	8 ·71	3
29	Thur.	22	3 ·27	25 ·11	2	29	Sun.	22	3 ·63	2 ·06	2	28	Fri.	22	5 ·42	9 ·66	4
—30	Fri.	23	4 ·29	26 ·21	3	30	Mon.	23	4 ·64	3 ·11	3	29	Sat.	23	6 ·33	10 ·60	5
1	Sat.	24	5 ·36	27 ·31	4	—31	Tues.	24	5 ·62	4 ·13	4	30	Sun.	24	7 ·23	11 ·53	6
2	Sun.	25	6 ·41	1 ·38	5	1	Wed.	25	6 ·55	5 ·13	5	—31	Mon.	25	8 ·12	12 ·47	7
3	Mon.	26	7 ·45	2 ·44	6	2	Thur.	26	7 ·59	6 ·12	6				9 ·02 / 10 ·92	13 ·40	8
4	Tues.	27	8 ·47	3 ·47	7	3	Fri.	27	8 ·48	7 ·08	7	1	Tues.	26			
5	Wed.	28	9 ·46	4 ·48	8	4	Sat.	28	9 ·40	8 ·05 / 9 ·99	8	2	Wed.	27	11 ·82	14 ·33	9
6	Thur.	29	10 ·43	5 ·48	9	5	Sun.	29	10 ·31	10 ·92	9	3	Thur.	28	12 ·74	15 ·27	10
7	Fri.	30	11 ·39	6 ·46	10	6	Mon.	30	11 ·22	11 ·85	10	4	Fri.	29	13 ·67	16 ·22	11
8	Sat.	31	12 ·33	7 ·42	11	7	Tues.	31	12 ·12	12 ·78	11	5	Sat.	30	14 ·61	17 ·20	12
	Feb						**April.**					6	Sun.	31	P ·57	18 ·19	13
9	Sun.	1	13 ·25	8 ·36	12								**June.**				
10	Mon.	2	14 ·16	9 ·30	13	8	Wed.	1	13 ·02 / 14 ·92	13 ·72	12	7	Mon.	1	1 ·55	19 ·19	14
11	Tues.	3	P ·06 / 1 ·96	10 ·24	14	9	Thur.	2	P ·82	14 ·66	13	8	Tues.	2	2 ·55	20 ·21	15
12	Wed.	4	2 ·86	11 ·17	15	10	Fri.	3	1 ·74	15 ·61	14	9	Wed.	3	3 ·57	21 ·25	16
13	Thur.	5	3 ·77	12 ·10	16	11	Sat.	4	2 ·66	16 ·56	15	10	Thur.	4	4 ·61	22 ·33	17
14	Fri.	6	4 ·68	13 ·04 / 14 ·98	17	12	Sun.	5	3 ·61	17 ·54	16	11	Fri.	5	5 ·67	23 ·41	18
15	Sat.	7	5 ·60	15 ·93	18	13	Mon.	6	4 ·57	18 ·53	17	12	Sat.	6	6 ·75	24 ·50	19
16	Sun.	8	6 ·53	16 ·90	19	14	Tues.	7	5 ·56	19 ·55	18	13	Sun.	7	7 ·84	25 ·61	20
17	Mon.	9	7 ·47	17 ·89	20	15	Wed.	8	6 ·56	20 ·59	19	14	Mon.	8	8 ·92	26 ·72	21
18	Tues.	10	8 ·44	18 ·89	21	16	Thur.	9	7 ·58	21 ·64	20	15	Tues.	9	9 ·99	27 ·83	22
19	Wed.	11	9 ·43	19 ·91	22	17	Fri.	10	8 ·63	22 ·71	21	16	Wed.	10	...	1 ·91	23
20	Thur.	12	10 ·44	20 ·96	23	18	Sat.	11	9 ·69	23 ·80	22	17	Thur	11	10 ·05	2 ·99	24
21	Fri.	13	11 ·46	.. ...	24	19	Sun.	12	10 ·76	24 ·91	23	18	Fri.	12	11 ·10	... ...	25
22	Sat.	14	12 ·50	21 ·02	25	20	Mon.	13	11 ·84	...	24	19	Sat.	13	12 ·14	3 ·05	26
23	Sun.	15	13 ·57	22 ·10	26	21	Tues.	14	12 ·94	25 ·00	25	20	Sun.	14	13 ·15	4 ·09	27
24	Mon.	16	14 ·64	23 ·20	27	22	Wed.	15	.. ...	26 ·12	26	21	Mon.	15	14 ·13	5 ·10	28
25	Tues.	17	—A ·73	24 ·30	28	23	Thur.	16	13 ·01	27 ·22	27	22	Tues.	16	—A ·10	6 ·11	29
26	Wed.	18	1 ·82	25 ·41	29	24	Fri.	17	14 ·07	—1 ·30	28	23	Wed.	17	1 ·04 / 2 ·97	7 ·08	—30
27	Thur.	19	2 ·91	26 ·52	—30	25	Sat.	18	—A ·12	2 ·38	29	24	Thur.	18	3 ·89	8 ·05 / 9 ·99	1
28	Fri.	20	3 ·98	27 ·61	1	26	Sun.	19	1 ·15	3 ·43	—30	25	Fri.	19	4 ·80	10 ·93	2
—29	Sat.	21	.. ...	1 ·69	2	27	Mon.	20	2 ·17	4 ·45	1	26	Sat.	20	5 ·70	11 ·88	3
1	Sun.	22	4 ·03	2 ·75	3	28	Tues.	21	3 ·15	5 ·46	2	27	Sun.	21	6 ·60	12 ·81	4
2	Mon.	23	5 ·06	3 ·79	4	29	Wed.	22	4 ·12	6 ·44	3	28	Mon.	22	7 ·50	13 ·73	5
3	Tues.	24	6 ·07	4 ·81	5	30	Thur.	23	5 ·07	7 ·41	4	29	Tues.	23	8 ·40	14 ·67	6
4	Wed.	25	7 ·06	5 ·81	6	—31	Fri.	24	6 ·00 / 7 ·92	8 ·38	5	30	Wed.	24	9 ·30	15 ·61	7
5	Thur.	26	8 ·02 / 9 ·99	6 ·79	7	1	Sat.	25	8 ·83	9 ·32	6	31	Thur.	25	10 ·21	16 ·57	8
6	Fri.	27	10 ·92	7 ·75	8	2	Sun.	26	9 ·73	10 ·26	7	—32	Fri.	26	11 ·14	17 ·53	9
7	Sat.	28	11 ·84	8 ·70	9	3	Mon.	27	10 ·63	11 ·19	8	1	Sat.	27	12 ·08	18 ·51	10
						4	Tues.	28	11 ·53	12 ·12	9	2	Sun.	28	3 ·05	19 ·51	11
						5	Wed.	29	12 ·43	13 ·06 / 14 ·99	10	3	Mon.	29	14 ·03	20 ·53	12
						6	Thur.	30	13 ·34	15 ·94	11	4	Tues.	30	P ·03	21 ·57	13

Virodhin. Makara—Tau. Bahula. H. 565 Rabi-ul ākhir. Sukla. Māgha. Bahula. H. 565 Jamādi'l awwal Virodhin. Kumbha—Mīn. Sukla. Phālguna. Bahula. H. 565 Rajab. Vikrita. Mīna—Pangūni. Sukla. Chaitra. Bahula. H. 565 Sha'bān. Vikrita. Mēsha—Chittirai. Sukla. Vaiśākha. Bahula. H. 565 Ramazān. Vikrita. Vrishabha—Vaigāśi. Sukla. Jyeshtha. Bahula. H. 565 Shawwāl. Vikrita. Mithuna—Āni. Sukla. Āshādha.

Nakshatras: 1. Aśvin. 2. Bhar. 3. Krit. 4 Rohi. 5 Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Has. 14. Chit. 15. Swā. 16. Vis. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dha. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1170. **Kollam 346,** { **N. Malabar—Aug.** **Hijra 566.** **Vikrama 1227.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 14.** **Bengal San. 576.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Wed.	1	1 ·05	22 ·63	14	5	Tues.	1	*Bahula.* **Bhād.** 4 ·56	2 ·92	17	6	Sun.	1	6 ·75	8 ·71	19
6	Thur.	2	2 ·09	23 ·71	15	6	Wed.	2	5 ·61	3 ·99	18	7	Mon.	2	7 ·69	9 ·67	20
7	Fri.	3	3 ·16	24 ·80	16	7	Thur.	3	6 ·64	.. ..	19	8	Tues.	3	8 ·61	10 ·62	21
8	Sat.	4	4 ·23	25 ·91	17	8	Fri.	4	7 ·66	4 ·04	20	9	Wed.	4	9 ·52	11 ·57	22
9	Sun.	5	5 ·32	.. ..	18	9	Sat.	5	8 ·64	5 ·07	21	10	Thur.	5	*Bahula.* 10 ·43	12 ·51	23
10	Mon.	6	6 ·40	26 ·01	19	10	Sun.	6	9 ·61	6 ·08	22	11	Fri.	6	11 ·33	13 ·44	24
11	Tues.	7	7 ·47	27 ·13	20	11	Mon.	7	*Bahula.* 10 ·56	7 ·07	23	12	Sat.	7	12 ·23	14 ·37	25
12	Wed.	8	8 ·54	1 ·22	21	12	Tues.	8	11 ·49	8 ·05	24	13	Sun.	8	13 ·13	15 ·30	26
13	Thur.	9	9 ·59	2 ·30	22	13	Wed.	9	12 ·42	9 ·03 / 10 ·95	25	14	Mon.	9	14 ·05 / **A** ·98	16 ·24	27
14	Fri.	10	*Bahula.* 10 ·62	3 ·36	23												
15	Sat.	11	11 ·62	4 ·40	24	14	Thur.	10	13 ·33	11 ·89	26	15	Tues.	10	1 ·92	17 ·20	28
16	Sun.	12	12 ·61	5 ·43	25	15	Fri.	11	14 ·23	12 ·82	27	16	Wed.	11	2 ·86	18 ·16	—29
17	Mon.	13	13 ·58	6 ·43	26	16	Sat.	12	**A** ·13	13 ·76	28	17	Thur.	12	3 ·83	19 ·13	1
18	Tues.	14	14 ·52	7 ·41	27	17	Sun.	13	1 ·09 / 2 ·93	14 ·69	—29	18	Fri.	13	4 ·81	20 ·13	2
19	Wed.	15	**A** ·45	8 ·38	28							19	Sat.	14	*Sukla.* 5 ·82	21 ·14	3
20	Thur.	16	1 ·38	9 ·33	—29	18	Mon.	14	3 ·84	15 ·62	1	20	Sun.	15	6 ·84	22 ·19	4
21	Fri.	17	2 ·29	10 ·28	1	19	Tues.	15	4 ·76	16 ·57	2	21	Mon.	16	7 ·90	23 ·24	5
22	Sat.	18	3 ·18	11 ·21	2	20	Wed.	16	5 ·69	17 ·52	3	22	Tues.	17	8 ·97	24 ·32	6
23	Sun.	19	4 ·08 / 5 ·98	12 ·14	3	21	Thur.	17	*Sukla.* 6 ·64	18 ·49	4	23	Wed.	18	.. ..	25 ·41	7
24	Mon.	20	6 ·88	13 ·07	4	22	Fri.	18	7 ·60	19 ·48	5	24	Thur.	19	9 ·05	26 ·51	8
25	Tues.	21	7 ·78	14 ·00 / 15 ·94	5	23	Sat.	19	8 ·59	20 ·49	6	25	Fri.	20	10 ·14	27 ·63	9
						24	Sun.	20	9 ·59	21 ·51	7	26	Sat.	21	11 ·23	1 ·73	10
26	Wed.	22	8 ·70	16 ·89	6	25	Mon.	21	10 ·63	22 ·56	8	27	Sun.	22	12 ·31	2 ·83	11
27	Thur.	23	*Sukla.* 9 ·63	17 ·86	7	26	Tues.	22	11 ·67	23 ·62	9	28	Mon.	23	13 ·37	3 ·91	12
28	Fri.	24	10 57	18 ·84	8	27	Wed.	23	12 ·73	24 ·71	10	29	Tues.	24	14 ·43	4 ·98	13
29	Sat.	25	11 ·54	19 ·83	9	28	Thur.	24	13 ·81	25 ·81	11	—30	Wed.	25	**P** ·46	.. ..	14
30	Sun.	26	12 ·51	20 ·85	10	29	Fri.	25	14 ·90	26 ·92	12	1	Thur.	26	1 ·47	5 ·02	15
—31	Mon.	27	13 ·52	21 ·83	11	30	Sat.	26	**P** ·99	.. ..	13	2	Fri.	27	2 ·47	6 ·05	16
1	Tues.	28	14 ·54	22 ·94	12	—31	Sun.	27	.. ..	27 ·02	14	3	Sat.	28	3 ·44	7 ·06	17
2	Wed.	29	**P** ·59	.. ..	13	1	Mon.	28	1 ·07	1 ·12	15	4	Sun.	29	4 ·39	8 ·04	18
3	Thur.	30	1 ·65	23 ·01	14	2	Tues	29	2 ·14	2 ·22	16	5	Mon.	30	5 ·33	9 ·01 / 10 ·96	19
4	Fri.	31	2 ·72	24 ·10	15	3	Wed.	30	3 ·18	3 ·29	17						
	Aug.						**Oct.**						**Dec.**				
5	Sat.	1	3 ·81	25 ·20	16	4	Thur.	1	4 ·21	4 ·35	18	6	Tues.	1	6 ·25	11 ·91	20
6	Sun.	2	4 ·89	26 ·32	17	5	Fri.	2	*Bahula.* 5 ·23	5 ·39	19	7	Wed.	2	7 ·16	12 ·85	21
7	Mon.	3	5 ·97	27 ·43	18	6	Sat.	3	6 ·21	6 ·40	20	8	Thur.	3	8 ·06 / 9 ·97	13 ·78	22
8	Tues.	4	*Bahula.*	1 ·52	19	7	Sun.	4	7 ·19	7 ·40	21						
9	Wed.	5	6 ·04	2 ·61	20	8	Mon.	5	8 ·14	8 ·38	22	9	Fri.	4	10 ·87	14 ·70	23
10	Thur.	6	7 ·09	3 ·67	21	9	Tues.	6	9 ·08	9 ·34	23	10	Sat.	5	11 ·78	15 ·64	24
11	Fri.	7	8 ·11	4 ·73	22	10	Wed.	7	10 ·00 / 11 ·91	10 ·29	24	11	Sun.	6	12 ·70	16 ·58	25
12	Sat.	8	9 ·13	5 ·75	23							12	Mon.	7	13 ·62	17 ·53	26
13	Sun.	9	10 ·11	6 ·76	24	11	Thur.	8	12 ·81	11 ·23	25	13	Tues.	8	14 ·55	18 ·49	27
14	Mon.	10	11 ·08	7 ·74	25	12	Fri.	9	13 ·71	12 ·16	26	14	Wed.	9	**A** ·50	19 ·46	28
15	Tues.	11	12 ·03 / 13 ·96	8 ·71	26	13	Sat.	10	14 ·61	13 ·10	27	15	Thur.	10	1 ·47	20 ·45	29
										14 ·03 / 15 ·96		16	Fri.	11	2 ·45	21 ·47	—30
16	Wed.	12	14 ·88	9 ·67	27	14	Sun.	11	**A** ·51		28	17	Sat.	12	3 ·46	22 ·50	1
17	Thur.	13	**A** ·79	10 ·62	28	15	Mon.	12	1 ·43	16 ·90	29	18	Sun.	13	4 ·49	23 ·55	2
18	Fri.	14	1 ·69	11 ·55	29	16	Tues.	13	2 ·35	17 ·85	—30	19	Mon.	14	5 ·55	24 ·62	3
19	Sat.	15	2 ·59	12 ·48	—30	17	Wed.	14	3 ·29	18 ·83	1	20	Tues.	15	6 ·61	25 ·71	4
20	Sun.	16	3 ·49	13 ·41	1	18	Thur.	15	4 ·23	19 ·81	2	21	Wed.	16	7 ·69	26 ·81	5
21	Mon.	17	4 ·39	14 ·35	2	19	Fri.	16	5 ·19	20 ·81	3	22	Thur.	17	*Sukla.* 8 ·78	27 ·93	6
22	Tues.	18	5 ·30	15 ·29	3	20	Sat.	17	6 ·18	21 ·83	4	23	Fri.	18	9 ·87	.. ...	7
23	Wed.	19	6 ·22	16 ·23	4	21	Sun.	18	*Sukla.* 7 ·19	22 ·87	5	24	Sat.	19	10 ·95	1 ·08	8
24	Thur.	20	7 ·15	17 ·19	5	22	Mon.	19	8 ·22	23 ·93	6	25	Sun.	20	.. ...	2 ·13	9
25	Fri.	21	8 ·09	18 ·16	6	23	Tues.	20	9 ·27	.. ...	7	26	Mon.	21	11 ·02	3 ·22	10
26	Sat.	22	9 ·05	19 ·15	7	24	Wed.	21	10 ·34	24 ·02	8	27	Tues.	22	12 ·08	4 ·29	11
27	Sun.	23	10 ·04	20 ·17	8	25	Thur.	22	11 ·41	25 ·11	9	28	Wed.	23	13 ·10	5 ·34	12
28	Mon.	24	11 ·04	21 ·24	9	26	Fri.	23	12 ·50	26 ·21	10	—29	Thur.	24	14 ·12	6 ·37	13
29	Tues.	25	12 ·06	22 ·25	10	27	Sat.	24	13 ·59	27 ·32	11	1	Fri.	25	**P** ·11	7 ·38	14
30	Wed.	26	13 ·11	23 ·32	11	28	Sun.	25	14 ·67	1 ·43	12	2	Sat.	26	*Pausha.* 1 ·08	8 ·37	15
—31	Thur	27	14 ·17	24 ·40	12	—29	Mon.	26	**P** ·74	2 ·53	13	3	Sun.	27	2 ·03 / 3 ·97	9 ·34	16
1	Fri.	28	**P** 25	25 ·51	13	1	Tues.	27	1 ·79	3 ·61	14						
2	Sat.	29	1 ·34	26 ·62	14	2	Wed.	28	2 ·83	4 ·66	15	4	Mon.	28	*Bahula.* 4 ·99	10 ·29	17
3	Sun.	30	2 ·43	27 ·73	15	3	Thur.	29	3 ·84	5 ·70	16	5	Tues.	29	5 ·81	11 ·25	18
4	Mon.	31	3 ·50	1 ·82	16	4	Fri.	30	4 ·83	6 ·72	17	6	Wed.	30	6 ·72	12 ·18	19
						5	Sat.	31	5 ·80	7 ·73	18	7	Thur.	31	7 ·62	13 ·11	20

Vikṛita. **Karkataka—Ādi.** *Vikṛita.* **Kanyā—Puraṭṭāsi.** *Vikṛita.* **Vṛiśchika—Kārttigai.**

Vikṛita. **Siṁha—Āvani.** *Vikṛita.* **Tulā—Aippasi.** *Vikṛita.* **Dhanus—Mārgaḷi.**

H. 565 *Shawwal.* *H.* 565 *Zi-l-ka'da.* *H.* 565 *Zi-l-ḥijja.* *H.* 566 *Muharram.* *H.* 566 *Ṣafar.* *H.* 566 *Rabi-ul awwal.* *H.* 566 *Rabi-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23 Dhani. 24 Śatab.

A.D. 1171. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·99.** **Śaka 1093.** **Kaliyuga 4272.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·94.** **(S. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Fri.	1	*Bahula.* 8 ·52	14 ·04 / 15 ·98	21	7	Mon.	1	*Bahula.* 8 ·42	19 ·45	21	7	Sat.	1	10 ·48	25 ·23	23
9	Sat.	2	9 ·42	16 ·92	22	8	Tues.	2	9 ·37	20 ·43	22	8	Sun.	2	11 ·52	26 ·32	24
10	Sun.	3	10 ·33	17 ·86	23	9	Wed.	3	10 ·33	21 ·43	23	9	Mon.	3	12 ·59	27 ·43	25
11	Mon.	4	11 ·26	18 ·82	24	10	Thur.	4	11 ·32	22 ·44	24	10	Tues.	4	13 ·68	1 ·53	26
12	Tues.	5	12 ·20	19 ·79	25	11	Fri.	5	12 ·32	23 ·48	25	11	Wed.	5	14 ·77	2 ·64	27
13	Wed.	6	13 ·15	20 ·78	26	12	Sat.	6	13 ·35	24 ·55	26	12	Thur.	6	—**A** ·85	3 ·74	28
14	Thur.	7	14 ·11	21 ·79	27	13	Sun.	7	14 ·40	25 ·62	27	13	Fri.	7	1 ·91	4 ·83	—29
15	Fri.	8	—**A** ·09	22 ·81	28	14	Mon.	8	—**A** ·47	26 ·72	28	14	Sat.	8	2 ·96	5 ·90	1
16	Sat.	9	1 ·11	23 ·86	—29	15	Tues.	9	1 ·54	27 ·82	—29	15	Sun.	9	3 ·98	6 ·96	2
17	Sun.	10	2 ·14	24 ·97	1	16	Wed.	10	2 ·62	1 ·93	1	16	Mon.	10	4 ·99	7 ·99	3
18	Mon.	11	3 ·19	... ...	2	17	Thur.	11	3 ·71	... ...	2	17	Tues.	11	5 ·97	... ...	4
19	Tues.	12	4 ·25	25 ·01	3	18	Fri.	12	4 ·79	2 ·04	3	18	Wed.	12	*Sukla.* 6 ·94	8 ·00 / 9 ·99	5
20	Wed.	13	5 ·33	26 ·12	4	19	Sat.	13	5 ·86	3 ·14	4						
21	Thur.	14	*Sukla.* 6 ·42	27 ·22	5	20	Sun.	14	6 ·91	4 ·22	5	19	Thur.	13	7 ·89	10 ·96	6
22	Fri.	15	7 ·51	1 ·33	6	21	Mon.	15	7 ·94	5 ·28	6	20	Fri.	14	8 ·81	11 ·93	7
23	Sat.	16	8 ·59	2 ·43	7	22	Tues.	16	8 ·95	6 ·32	7	21	Sat.	15	9 ·73	12 ·88	8
24	Sun.	17	9 ·66	3 ·52	8	23	Wed.	17	9 ·93	7 ·35	8	22	Sun.	16	10 ·64	13 ·82	9
25	Mon.	18	10 ·71	4 ·60	9	24	Thur.	18	10 ·90	8 ·35	9	23	Mon.	17	11 ·54	14 ·75	10
26	Tues.	19	11 ·74	5 ·66	10	25	Fri.	19	11 ·85	9 ·34	10	24	Tues.	18	12 ·44	15 ·68	11
27	Wed.	20	12 ·76	6 ·69	11	26	Sat.	20	12 ·79	10 ·30	11	25	Wed.	19	13 ·34	16 ·62	12
28	Thur.	21	13 ·75	7 ·70	12	27	Sun.	21	13 ·71	11 ·25	12	26	Thur.	20	14 ·24	17 ·55	13
29	Fri.	22	14 ·73	8 ·69	13	28	Mon.	22	14 ·62	12 ·20	13	27	Fri.	21	**P** ·14	18 ·49	14
—30	Sat ○	23	**P** ·68	9 ·68	14	29	Tues.	23	**P** ·52	13 ·13	14	28	Sat.	22	1 ·06 / 2 ·98	19 ·45	15
1	Sun.	24	*Bahula.* 1 ·61	10 ·63	15	—30	Wed.	24	1 ·42	14 ·07	15	29	Sun.	23	3 ·93	20 ·41	16
2	Mon.	25	2 ·53	11 ·58	16	1	Thur.	25	2 ·31	15 ·00 / 16 ·93	16	30	Mon.	24	4 ·89	21 ·41	17
3	Tues.	26	3 ·44	12 ·52	17	2	Fri.	26	3 ·21	17 ·87	17	—31	Tues.	25	5 ·87	22 ·41	18
4	Wed.	27	4 ·35	13 ·45	18	3	Sat.	27	4 ·12	18 ·82	18	1	Wed.	26	*Bahula.* 6 ·88	23 ·43	19
5	Thur.	28	5 ·25	14 ·39	19	4	Sun.	28	5 ·04 / 6 ·97	19 ·78	19	2	Thur.	27	7 ·90	24 ·47	20
6	Fri.	29	6 ·15	15 ·32	20	5	Mon.	29	7 ·92	20 ·76	20	3	Fri.	28	8 ·95	25 ·54	21
7	Sat.	30	7 ·06 / 8 ·97	16 ·26	21	6	Tues.	30	8 ·89	21 ·75	21	4	Sat.	29	... ...	26 ·63	22
8	Sun.	31	9 ·89	17 ·20	22	7	Wed.	31	9 ·87	22 ·76	22	5	Sun.	30	9 ·01	27 ·72	23
	Feb.						**April.**					6	Mon.	31	10 ·09	1 ·83	24
9	Mon.	1	10 ·82	18 ·15	23	8	Thur.	1	*Bahula.* 10 ·88	23 ·80	23		**June.**				
10	Tues.	2	11 ·77	19 ·11	24	9	Fri.	2	11 ·91	24 ·86	24	7	Tues.	1	11 ·17	2 ·94	25
11	Wed.	3	12 ·73	20 ·11	25	10	Sat.	3	12 ·95	25 ·93	25	8	Wed.	2	12 ·25	... ...	26
12	Thur.	4	13 ·71	21 ·11	26	11	Sun.	4	... ...	... ...	26	9	Thur.	3	13 ·33	3 ·04	27
13	Fri.	5	14 ·73	22 ·13	27	12	Mon.	5	13 ·01	26 ·02	27	10	Fri.	4	14 ·39	4 ·13	28
14	Sat.	6	—**A** ·76	23 ·17	28	13	Tues.	6	14 ·08	27 ·12	28	11	Sat.	5	—**A** ·44	5 ·22	29
15	Sun.	7	1 ·81	24 ·23	29	14	Wed.	7	—**A** ·16	1 ·23	29	12	Sun.	6	1 ·46	6 ·27	—30
16	Mon.	8	2 ·87	25 ·32	—30	15	Thur.	8	1 ·25	2 ·34	—30	13	Mon.	7	2 ·47	7 ·31	1
17	Tues.	9	3 ·95	26 ·42	1	16	Fri.	9	2 ·33	3 ·44	1	14	Tues.	8	3 ·45	8 ·32	2
18	Wed.	10	... ...	27 ·52	2	17	Sat.	10	3 ·40	4 ·52	2	15	Wed.	9	4 ·42	9 ·32	3
19	Thur.	11	4 ·04	1 ·63	3	18	Sun.	11	4 ·45	5 ·59	3	16	Thur.	10	5 ·36	10 ·30	4
20	Fri.	12	5 ·13	2 ·73	4	19	Mon.	12	5 ·47	6 ·65	4	17	Fri.	11	6 ·29	11 ·27	5
21	Sat.	13	6 ·21	3 ·83	5	20	Tues.	13	6 ·48	7 ·67	5	18	Sat.	12	*Sukla.* 7 ·21	12 ·21	6
22	Sun.	14	*Sukla.* 7 ·28	4 ·91	6	21	Wed.	14	*Sukla.* 7 ·47	8 ·68	6	19	Sun.	13	8 ·12	13 ·15	7
23	Mon.	15	8 ·33	5 ·97	7	22	Thur.	15	8 ·44	9 ·66	7	20	Mon.	14	9 ·02 / 10 ·92	14 ·09	8
24	Tues.	16	9 ·35	... ...	8	23	Fri.	16	9 ·39	10 ·63	8					15 ·02 / 16 ·95	
25	Wed.	17	10 ·37	6 ·01	9	24	Sat.	17	10 ·32	11 ·59	9	21	Tues.	15	11 ·82		9
26	Thur.	18	11 ·35	7 ·02	10	25	Sun.	18	11 ·24	12 ·55	10	22	Wed.	16	12 ·72	17 ·89	10
27	Fri.	19	12 ·33	8 ·03	11	26	Mon.	19	12 ·14	13 ·48	11	23	Thur.	17	13 ·62	18 ·83	11
28	Sat.	20	13 ·28	9 ·01 / 10 ·97	12	27	Tues.	20	13 ·04 / 14 ·94	14 ·41	12	24	Fri.	18	14 ·54	19 ·78	12
29	Sun.	21	14 ·22	11 ·92	13	28	Wed.	21	**P** ·84	15 ·34	13	25	Sat.	19	**P** ·47	20 ·74	13
—30	Mon.	22	**P** ·14	12 ·86	14	29	Thur.	22	1 ·74	16 ·27	14	26	Sun.	20	1 ·41	21 ·72	14
1	Tues.	23	1 ·05 / 2 ·95	13 ·80	15	30	Fri.	23	2 ·61	17 ·21	15	27	Mon.	21	2 ·37	22 ·73	15
2	Wed.	24	3 ·85	14 ·73	16	—31	Sat.	24	3 ·56	18 ·16	16	28	Tues.	22	3 ·36	23 ·75	16
3	Thur.	25	4 ·75	15 ·66	17	1	Sun.	25	4 ·49	19 ·11	17	29	Wed.	23	4 ·35	24 ·78	17
4	Fri.	26	5 ·65	16 ·59	18	2	Mon.	26	5 ·44	20 ·08	18	30	Thur.	24	5 ·38	25 ·84	18
5	Sat.	27	6 ·56	17 ·53	19	3	Tues.	27	6 ·41	21 ·07	19	31	Fri.	25	6 ·43	26 ·93	19
6	Sun	28	7 ·48	18 ·48	20	4	Wed.	28	7 ·38	22 ·09	20	—32	Sat.	26	*Bahula.* 7 ·49	... ...	20
						5	Thur.	29	8 ·39	23 ·12	21	1	Sun.	27	8 ·54	27 ·02	21
						6	Fri.	30	9 ·42	24 ·16	22	2	Mon.	28	9 ·65	1 ·13	22
												3	Tues.	29	10 ·74	2 ·23	23
												4	Wed.	30	11 ·81	3 ·35	24

Vikrita. **Makara—Tai.** *Khara.* **Kumbha—Māśi.** *Vikrita.* **Mīna—Pāṅguni.** *Khara.* **Mēsha—Chittirai.** *Vikrita.* **Vṛishabha—Vaigāśi.** *Khara.* **Mithuna—Āni.**

H. 566 Jamāda'l awwal. *H. 566 Jamāda'l ākhir.* *H. 566 Rajab.* *H. 566 Ramaẓān.* *H. 566 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P Phal. 12 U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1171. **Kollam 347,** { **N. Malabar—Aug.** **Hijra 567.** **Vikrama 1228.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Sep. 4.** **Bengal San. 577.**
P—Paurnimā. **(N. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Thur.	1	12 ·87	4 ·44	25	5	Wed.	1	—**A** ·80	11 ·26	28	5	Mon.	1	2 ·42	18 ·52	—29
6	Fri.	2	13 ·92	5 ·52	26	6	Thur.	2	1 ·72	12 ·22	29	6	Tues.	2	3 ·33	19 ·46	1
7	Sat.	3	14 ·94	6 ·58	27	7	Fri.	3	2 ·63	13 ·17	—30	7	Wed.	3	4 ·25	20 ·41	2
8	Sun.	4	—**A** ·95	7 ·62	28	8	Sat.	4	3 ·53	14 ·11	1	8	Thur.	4	5 ·19	21 ·38	3
9	Mon.	5	1 ·93	8 ·64	—29					15 ·04 }		9	Fri.	5	6 ·14	22 ·35	4
10	Tues.	6	2 ·90	9 ·65	1	9	Sun.	5	4 ·43	16 ·97 }	2	10	Sat.	6	7 ·11	23 ·35	5
11	Wed.	7	3 ·84	10 ·63	2	10	Mon.	6	5 ·33	17 ·90	3	11	Sun.	7	8 ·10	24 ·36	6
12	Thur.	8	4 ·77	11 ·60	3	11	Tues.	7	6 ·23	18 ·84	4	12	Mon.	8	9 ·10	25 ·40	7
13	Fri.	9	5 ·69	12 ·55	4	12	Wed.	8	7 ·14	19 ·79	5	13	Tues.	9	10 ·14	26 ·46	8
14	Sat.	10	6 ·60	13 ·49	5				8 ·06 }			14	Wed.	10	11 ·19	27 ·54	9
15	Sun.	11	7 ·50	14 ·43	6	13	Thur.	9	9 ·99 }	20 ·74	6	15	Thur.	11	12 ·26	1 ·63	10
16	Mon.	12	8 ·40	15 ·36	7	14	Fri.	10	10 ·94	21 ·71	7	16	Fri.	12	13 ·34	2 ·73	11
17	Tues.	13	9 ·30	16 ·29	8	15	Sat.	11	11 ·91	22 ·69	8	17	Sat.	13	14 ·43	3 ·84	12
18	Wed.	14	10 ·20	17 ·22	9	16	Sun.	12	12 ·89	23 ·71	9	18	Sun.	14	**P** ·52	4 ·95	13
19	Thur.	15	11 ·10	18 ·16	10	17	Mon.	13	13 ·90	24 ·73	10	19	Mon.	15	1 ·59	... ...	14
20	Fri.	16	12 ·02 }	19 ·11	11	18	Tues.	14	14 ·93	25 ·78	11	20	Tues.	16	2 ·66	5 ·05	15
			13 ·95 }			19	Wed.	15	**P** ·97	26 ·84	12	21	Wed.	17	3 ·72	6 ·13	16
21	Sat.	17	14 ·89	20 ·08	12	20	Thur.	16	... ...	27 ·92	13	22	Thur.	18	4 ·75	7 ·20	17
22	Sun ○	18	**P** ·85	21 ·06	13	21	Fri.	17	1 ·04	... ...	14	23	Fri.	19	5 ·76	8 ·24	18
23	Mon.	19	1 ·84	22 ·05	14	22	Sat.	18	2 ·12	1 ·03	15	24	Sat.	20	6 ·75	9 ·26	19
24	Tues.	20	2 ·84	23 ·06	15	23	Sun.	19	3 ·21	2 ·14	16	25	Sun.	21	7 ·72	10 ·28	20
25	Wed.	21	3 ·87	24 ·10	16	24	Mon.	20	4 ·29	3 ·24	17	26	Mon.	22	8 ·67	11 ·26	21
26	Thur.	22	4 ·91	25 ·16	17	25	Tues.	21	5 ·37	4 ·35	18	27	Tues.	23	9 ·60	12 ·23	22
27	Fri.	23	5 ·97	26 ·23	18	26	Wed.	22	6 ·44	5 ·44	19	28	Wed.	24	10 ·53	13 ·18	23
28	Sat.	24	... ...	27 ·32	19	27	Thur.	23	7 ·49	6 ·52	20	—29	Thur.	25	11 ·44	14 ·12	24
29	Sun.	25	6 ·05	1 ·42	20	28	Fri.	24	8 ·53	7 ·57	21	1	Fri.	26	12 ·35	15 ·07 }	25
30	Mon.	26	7 ·14	2 ·53	21	29	Sat.	25	9 ·53	8 ·62	22					16 ·99 }	
—31	Tues.	27	8 ·22	3 ·65	22	30	Sun.	26	10 ·52	9 ·62	23	2	Sat.	27	13 ·25	17 ·92	26
1	Wed.	28	9 ·29	4 ·74	23	—31	Mon.	27	11 ·48	10 ·62	24	3	Sun.	28	14 ·16	18 ·86	27
2	Thur.	29	10 ·36	5 ·83	24	1	Tues.	28	12 ·43	11 ·59	25	4	Mon.	29	**A** ·06 }	19 ·79	28
3	Fri.	30	11 ·41	6 ·89	25	2	Wed.	29	13 ·37	12 ·56	26				1 ·97 }		
4	Sat.	31	12 ·44	7 ·94	26	3	Thur.	30	14 ·29	13 ·51	27	5	Tues.	30	2 ·89	20 ·74	29
	Aug.						**Oct.**						**Dec.**				
5	Sun.	1	13 ·44	8 ·97	27	4	Fri.	1	—**A** ·20	14 ·45	28	6	Wed.	1	3 ·83	21 ·71	—30
6	Mon.	2	14 ·42	9 ·98	28	5	Sat.	2	1 ·10	15 ·38	29	7	Thur.	2	4 ·78	22 ·68	1
7	Tues.	3	—**A** ·39	10 ·96	29				2 ·00 }			8	Fri.	3	5 ·74	23 ·67	2
8	Wed.	4	1 ·34	11 ·95	—30	6	Sun.	3	3 ·91 }	16 ·31	—30	9	Sat.	4	6 ·74	24 ·68	3
9	Thur.	5	2 ·27	12 ·88	1	7	Mon.	4	4 ·81	17 ·25	1	10	Sun.	5	7 ·75	25 ·71	4
10	Fri.	6	3 ·19	13 ·84	2	8	Tues.	5	5 ·72	18 ·18	2	11	Mon.	6	8 ·79	26 ·77	5
11	Sat.	7	4 ·10	14 ·77	3	9	Wed.	6	6 ·64	19 ·12	3	12	Tues.	7	9 ·83	27 ·84	6
12	Sun.	8	5 ·00 }	15 ·70	4	10	Thur.	7	7 ·57	20 ·07	4	13	Wed.	8	10 ·90	1 ·93	7
			6 ·90 }			11	Fri.	8	8 ·52	21 ·04	5	14	Thur.	9	11 ·98	... ...	8
13	Mon.	9	7 ·80	16 ·63	5	12	Sat.	9	9 ·49	22 ·03	6	15	Fri.	10	... ...	2 ·03	9
14	Tues.	10	8 ·70	17 ·56	6	13	Sun.	10	10 ·47	23 ·03	7	16	Sat.	11	12 ·07	3 ·14	10
15	Wed.	11	9 ·60	18 ·50	7	14	Mon.	11	11 ·49	24 ·05	8	17	Sun.	12	13 ·16	4 ·25	11
16	Thur.	12	10 ·52	19 ·45	8	15	Tues.	12	12 ·52	25 ·09	9	18	Mon.	13	14 ·25	5 ·35	12
17	Fri.	13	11 ·45	20 ·41	9	16	Wed.	13	13 ·56	26 ·15	10	19	Tues.	14	**P** ·32	6 ·44	13
18	Sat.	14	12 ·40	21 ·38	10	17	Thur.	14	14 ·63	27 ·24	11	20	Wed.	15	1 ·36	7 ·51	14
19	Sun.	15	13 ·37	22 ·37	11	18	Fri.	15	**P** ·71	1 ·33	12	21	Thur.	16	2 ·39	8 ·55	15
20	Mon.	16	14 ·35	23 ·38	12	19	Sat.	16	1 ·80	2 ·43	13	22	Fri.	17	3 ·41	9 ·59	16
21	Tues.	17	**P** ·35	24 ·42	13	20	Sun.	17	2 ·89	3 ·54	14	23	Sat.	18	4 ·39	10 ·60	17
22	Wed.	18	1 ·39	25 ·47	14	21	Mon.	18	3 ·97	4 ·65	15	24	Sun.	19	5 ·36	11 ·59	18
23	Thur.	19	2 ·43	26 ·54	15	22	Tues.	19	... ...	5 ·74	16	25	Mon.	20	6 ·32	12 ·56	19
24	Fri.	20	3 ·49	27 ·62	16	23	Wed.	20	4 ·04	6 ·83	17	26	Tues.	21	7 ·26	13 ·51	20
25	Sat.	21	4 ·57	1 ·72	17	24	Thur.	21	5 ·09	7 ·89	18	27	Wed.	22	8 ·18	14 ·47	21
26	Sun.	22	5 ·68	2 ·84	18	25	Fri.	22	6 ·12	8 ·92	19				9 ·09 }		
27	Mon.	23	6 ·74	3 ·95	19	26	Sat.	23	7 ·13	9 ·94	20	28	Thur.	23	10 ·99 }	15 ·41	22
28	Tues.	24	7 ·81	... ...	20	27	Sun.	24	8 ·13	10 ·94	21	29	Fri.	24	11 ·89	16 ·33	23
29	Wed.	25	8 ·88	4 ·04	21	28	Mon.	25	9 ·08	11 ·93	22	—30	Sat.	25	12 ·79	17 ·26	24
30	Thur.	26	9 ·93	5 ·13	22				10 ·03 }			1	Sun.	26	13 ·69	18 ·19	25
—31	Fri.	27	10 ·97	6 ·20	23	29	Tues.	26	11 ·97 }	12 ·89	23	2	Mon.	27	14 ·61	19 ·14	26
1	Sat.	28	11 ·97	7 ·26	24	30	Wed.	27	12 ·89	13 ·84	24	3	Tues.	28	—**A** ·53	20 ·08	27
2	Sun.	29	12 ·96	8 ·29	25	1	Thur.	28	13 ·81	14 ·78	25	4	Wed.	29	1 ·47	21 ·04	28
3	Mon.	30	13 ·92	9 ·30	26	2	Fri.	29	14 ·71	15 ·72	26					22 ·01 }	
4	Tues.	31	14 ·87	10 ·29	27	3	Sat.	30	—**A** ·61	16 ·66	27	5	Thur.	30	2 ·43	23 ·99 }	—29
						4	Sun.	31	1 ·51	17 ·59	28	6	Fri.	31	3 ·39	... ...	1

Khara. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Bahula.*

Khara. **Simha—Āvani.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Śukla.* **Pausha.** *Śukla.*

Khara. **Kanyā—Purattāśi.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Bahula.*

Khara. **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Śukla.* **Pausha.** *Śukla.*

Khara. **Vrischika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Bahula.*

Khara. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.*

Śaka 1093. *Śaka* 1093. *Śaka* 1093. *Śaka* 1093. *Śaka* 1093. *Śaka* 1093.

H. 566 *Zi-l-ka'da.* *H.* 566 *Zi-l-hijja.* *H.* 567 *Muharram.* *H.* 567 *Safar.* *H.* 567 *Rabi-ul awwal.* *H.* 567 *Rabi-ul akhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 23. Śrav. 23. Dhani. 24. Śatab.

A.D. 1172. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·25.** **Śaka 1094.** **Kaliyuga 4273.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·20.** **(S. Cycle) Nandana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year month, and day.
	Jan.					**March.**					**May.**			
7	Sat. 1	4 ·38	24 ·00	2	8	Wed. 1	5 ·85	... ...	3	8	Mon. 1	6 ·28	8 ·12	5
8	Sun. 2	5 ·39	25 ·03	3	9	Thur. 2	6 ·94	3 ·04	4	9	Tues. 2	7 ·31	9 ·17	6
9	Mon. 3	6 ·43	26 ·08	4	10	Fri. 3	... ...	4 ·15	5	10	Wed. 3	8 ·32	10 ·21	7
10	Tues. 4	7 ·48	27 ·15	5	11	Sat. 4	7 ·03	5 ·25	6	11	Thur. 4	9 ·29	11 ·22	8
11	Wed. 5	8 ·55	1 ·23	6	12	Sun. 5	8 ·11	6 ·36	7	12	Fri. 5	10 ·26	12 ·21	9
12	Thur. 6	9 ·63	2 ·33	7	13	Mon. 6	9 ·17	7 ·44	8	13	Sat. 6	11 ·21	13 ·18	10
13	Fri. 7	10 ·71	3 ·45	8	14	Tues. 7	10 ·22	8 ·50	9	14	Sun. 7	12 ·14	14 ·14	11
14	Sat. 8	11 ·80	4 ·55	9	15	Wed. 8	11 ·25	9 ·54	10	15	Mon. 8	13 ·05	15 ·10	12
15	Sun. 9	12 ·89	5 ·65	10	16	Thur. 9	12 ·25	10 ·56	11			14 ·96		
16	Mon. 10	13 ·96	6 ·74	11	17	Fri. 10	13 ·24	11 ·56	12	16	Tues. 9	P ·86	16 ·04	13
17	Tues. 11	... ...	7 ·81	12	18	Sat. 11	14 ·21	12 ·56	13				17 ·97	
18	Wed. ○ 12	14 ·01	8 ·88	13	19	Sun. 12	P ·16	13 ·52	14	17	Wed. 10	1 ·76	18 ·89	14
19	Thur. 13	P ·04	9 ·91	14	20	Mon. 13	1 ·09	14 ·47	15	18	Thur. 11	2 ·66	19 ·82	15
20	Fri. 14	1 ·05	10 ·92	15	21	Tues. 14	2 ·01	15 ·42	16	19	Fri. 12	3 ·56	20 ·77	16
21	Sat. 15	2 ·04	11 ·91	16			3 ·92			20	Sat. 13	4 ·47	21 ·71	17
22	Sun. 16	3 ·00	12 ·89	17	22	Wed. 15	4 ·82	16 ·35	17	21	Sun. 14	5 ·38	22 ·66	18
		4 ·95			23	Thur. 16	5 ·72	17 ·29	18	22	Mon. 15	6 ·31	23 ·63	19
23	Mon. 17	5 ·89	13 ·86	18	24	Fri. 17	6 ·62	18 ·22	19	23	Tues. 16	7 ·25	24 ·61	20
24	Tues. 18	6 ·82	14 ·80	19	25	Sat. 18	7 ·52	19 ·15	20	24	Wed. 17	8 ·22	25 ·63	21
25	Wed. 19	7 ·73	15 ·74	20	26	Sun. 19	8 ·43	20 ·09	21	25	Thur. 18	9 ·20	26 ·65	22
26	Thur. 20	8 ·63	16 ·67	21	27	Mon. 20	9 ·35	21 ·03	22	26	Fri. 19	10 ·21	27 ·69	23
27	Fri. 21	9 ·53	17 ·80	22				22 ·00		27	Sat. 20	11 ·24	1 ·76	24
28	Sat. 22	10 ·43	18 ·53	23	28	Tues. 21	10 ·28	23 ·98	23	28	Sun. 21	12 ·29	2 ·84	25
29	Sun. 23	11 ·33	19 ·48	24	29	Wed. 22	11 ·23	24 ·97	24	29	Mon. 22	13 ·35	3 ·94	26
1	Mon. 24	12 ·25	20 ·42	25	30	Thur. 23	12 ·19	25 ·98	25	30	Tues. 23	14 ·42	... ...	27
2	Tues. 25	13 ·17	21 ·37	26	1	Fri. 24	13 ·17	... ...	26	31	Wed. 24	A ·50	4 ·05	28
3	Wed. 26	14 ·11	22 ·33	27	2	Sat. 25	14 ·19	26 ·01	27	32	Thur. 25	1 ·59	5 ·16	29
4	Thur. ● 27	A ·06	23 ·32	28	3	Sun. 26	A ·22	27 ·08	28	1	Fri. 26	2 ·67	6 ·26	30
5	Fri. 28	1 ·03	24 ·35	29	4	Mon. 27	1 ·27	1 ·15	29	2	Sat. 27	3 ·73	7 ·35	1
6	Sat. 29	2 ·01	25 ·35	30	5	Tues. 28	2 ·33	2 ·24	30	3	Sun. 28	4 ·77	8 ·43	2
7	Sun. 30	3 ·03	26 ·39	1	6	Wed. 29	3 ·41	3 ·34	1	4	Mon. 29	5 ·80	9 ·49	3
8	Mon. 31	4 ·06	27 ·45	2	7	Thur. 30	4 ·49	4 ·45	2	5	Tues. 30	6 ·80	10 ·53	4
					8	Fri. 31	5 ·58	5 ·55	3	6	Wed. 31	7 ·78	11 ·54	5
	Feb.					**April.**					**June.**			
9	Tues. 1	5 ·10	1 ·53	3	9	Sat. 1	6 ·66	6 ·66	4	7	Thur. 1	8 ·74	12 ·54	6
10	Wed. 2	6 ·17	2 ·64	4	10	Sun. 2	7 ·72	7 ·74	5	8	Fri. 2	9 ·69	13 ·51	7
11	Thur. 3	7 ·25	3 ·74	5	11	Mon. 3	8 ·77	8 ·80	6	9	Sat. 3	10 ·62	14 ·49	8
12	Fri. 4	8 ·34	4 ·85	6	12	Tues. 4	9 ·79	9 ·86	7	10	Sun. 4	11 ·53	15 ·43	9
13	Sat. 5	9 ·43	5 ·95	7	13	Wed. 5	10 ·80	10 ·88	8	11	Mon. 5	12 ·44	16 ·37	10
14	Sun. 6	10 ·52	... ...	8	14	Thur. 6	11 ·78	11 ·90	9	12	Tues. 6	13 ·34	17 ·30	11
15	Mon 7	11 ·58	6 ·04	9	15	Fri. 7	12 ·75	12 ·88	10	13	Wed. 7	14 ·24	18 ·23	12
16	Tues. 8	12 ·62	7 ·13	10	16	Sat. 8	13 ·70	13 ·85	11	14	Thur. 8	P ·13	19 ·17	13
17	Wed. 9	13 ·66	8 ·19	11	17	Sun. 9	14 ·63	14 ·81	12	15	Fri. 9	1 ·03	20 ·11	14
18	Thur. 10	14 ·66	9 ·23	12	18	Mon. 10	P ·55	15 ·75	13			2 ·93		
19	Fri. 11	P ·65	10 ·24	13	19	Tues. 11	1 ·45	16 ·70	14	16	Sat. 10	3 ·85	21 ·05	15
20	Sat. 12	1 ·62	11 ·24	14	20	Wed. 12	2 ·35	17 ·63	15	17	Sun. 11	4 ·79	22 ·00	16
21	Sun. 13	2 ·57	12 ·23	15	21	Thur. 13	3 ·25	18 ·56	16				23 ·96	
22	Mon. 14	3 ·50	13 ·19	16	22	Fri. 14	4 ·15	19 ·49	17	18	Mon. 12	5 ·74	24 ·94	17
23	Tues. 15	4 ·42	14 ·14	17	23	Sat. 15	5 ·05	20 ·42	18	19	Tues. 13	6 ·70	25 ·95	18
24	Wed. 16	5 ·33	15 ·08	18			6 ·96			20	Wed. 14	7 ·68	26 ·97	19
25	Thur. 17	6 ·23	16 ·01	19	24	Sun. 16	7 ·88	21 ·38	19	21	Thur. 15	8 ·69	... ...	20
			17 ·94		25	Mon. 17	8 ·81	22 ·33	20	22	Fri. 16	9 ·71	27 ·00	21
26	Fri. 18	7 ·14	18 ·88	20	26	Tues. 18	9 ·76	23 ·30	21	23	Sat. 17	10 ·76	1 ·06	22
27	Sat 19	8 ·04	19 ·81	21	27	Wed. 19	10 ·72	24 ·29	22	24	Sun. 18	11 ·83	2 ·14	23
		9 ·95			28	Thur. 20	11 ·71	25 ·30	23	25	Mon. 19	12 ·90	3 ·24	24
28	Sun. 20	10 ·86	20 ·75	22	29	Fri. 21	12 ·72	26 ·34	24	26	Tues. 20	13 ·99	4 ·35	25
29	Mon. 21	11 ·76	21 ·70	23	30	Sat. 22	13 ·74	27 ·39	25	27	Wed. 21	... ...	5 ·46	26
30	Tues 22	12 ·71	22 ·66	24	31	Sun. 23	14 ·79	1 ·45	26	28	Thur. 22	14 ·07	6 ·50	27
1	Wed. 23	13 ·66	23 ·65	25	1	Mon. 24	A ·85	2 ·54	27	29	Fri. 23	A ·14	7 ·65	28
2	Thur. 24	14 ·63	24 ·65	26	2	Tues. 25	1 ·93	3 ·64	28	30	Sat. 24	1 ·20	8 ·74	29
3	Fri. 25	A ·61	25 ·66	27	3	Wed. 26	... ...	4 ·74	29	31	Sun 25	2 ·25	9 ·80	1
4	Sat. 26	·62	26 ·70	28	4	Thur. 27	2 ·01	5 ·86	1	1	Mon. 26	3 ·28	10 ·84	2
5	Sun 27	2 ·65	27 ·76	29	5	Fri. 28	3 ·10	6 ·96	2	2	Tues. 27	4 ·27	11 ·86	3
6	Mon. 28	3 ·70	1 ·85	1	6	Sat. 29	4 ·17	... ...	3	3	Wed. 28	5 ·26	12 ·86	4
7	Tues. 29	4 ·77	2 ·94	2	7	Sun. 30	5 ·23	7 ·05	4	4	Thur. 29	6 ·22	13 ·85	5
										5	Fri. 30	7 ·17	14 ·82	6

Khara. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H. 567 Jamāda'l awwal.*

Khara. **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *H. 567 Jamāda'l ākhir.*

Nandana. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 567 Rajab.*

Khara. **Mina—Paṅguni.** *Sukla.* **Chaitra.** *Bahula.* *H. 567 Sha'bān.*

Nandana. **Vrishabha—Vaigāśi.** *Sukla.* **Adhika Jyeshṭha.** *Bahula.* *H. 567 Ramażān.*

Nandana. **Mithuna—Āni.** *Sukla.* **Jyeshṭha.** *Bahula.* *H. 567 Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1172. **Kollam 348,** { **N. Malabar—Aug.** **Hijra 568.** **Vikrama 1229.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 23.** **Bengal San. 578.**
P—Paurnimā. **(N. Cycle) Durmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Sat. 1	8 ·09	15 ·77	7						6	Wed. 1	14 ·43	2 ·67	12
					5	Fri. 1	12 ·36	22 ·01 / 23 ·96	10					
7	Sun. 2	9 ·01 / 10 ·92	16 ·71	8						7	Thur. 2	P ·48	3 ·75	13
					6	Sat. 2	13 ·29	24 ·93	11	8	Fri. 3	1 ·55	4 ·85	14
8	Mon. 3	11 ·82	17 ·64	9	7	Sun. 3	14 ·24	25 ·91	12	9	Sat. 4	2 ·63	5 ·95	15
9	Tues. 4	12 ·72	18 ·57	10	8	Mon. 4	P ·21	26 ·92	13	10	Sun. 5	3 ·78	... ...	16
10	Wed. 5	13 ·82	19 ·51	11	9	Tues. 5	1 ·20	27 ·95	14	11	Mon. 6	4 ·81	6 ·06	17
11	Thur. 6	14 ·52	20 ·44	12	10	Wed. 6	2 ·21	1 ·99	15	12	Tues. 7	5 ·88	7 ·17	18
12	Fri. ○ 7	P ·42	21 ·38	13	11	Thur. 7	3 ·23	... ...	16	13	Wed. 8	6 ·95	8 ·26	19
13	Sat. 8	1 ·33	22 ·33	14	12	Fri. 8	4 ·29	2 ·06	17	14	Thur. 9	... ...	9 ·35	20
14	Sun. 9	2 ·26	23 ·29	15	13	Sat. 9	5 ·35	3 ·15	18	15	Fri. 10	7 ·01	10 ·42	21
15	Mon. 10	3 ·21	24 ·27	16	14	Sun. 10	6 ·43	4 ·24	19	16	Sat. 11	8 ·04	11 ·46	22
16	Tues. 11	4 ·18	25 ·27	17	15	Mon. 11	7 ·52	5 ·35	20	17	Sun. 12	9 ·04	12 ·48	23
17	Wed. 12	5 ·16	26 ·28	18	16	Tues. 12	8 ·61	6 ·46	21	18	Mon. 13	10 ·03	13 ·48	24
18	Thur. 13	6 ·18	27 ·32	19	17	Wed. 13	9 ·68	7 ·57	22	19	Tues. 14	11 ·00 / 12 ·95	14 ·48	25
19	Fri. 14	7 ·20	1 ·37	20	18	Thur. 14	10 ·74	8 ·65	23					
20	Sat. 15	8 ·25	2 ·45	21	19	Fri. 15	11 ·79	9 ·73	24	20	Wed. 15	13 ·88	15 ·45	26
21	Sun. 16	9 ·31	3 ·54	22	20	Sat. 16	12 ·82	10 ·78	25	21	Thur. 16	14 ·80	16 ·40	27
22	Mon. 17	10 ·39	4 ·65	23	21	Sun. 17	13 ·83	11 ·83	26	22	Fri. 17	—A ·72	17 ·34	28
23	Tues. 18	11 ·47	5 ·75	24	22	Mon. 18	14 ·81	12 ·84	27	23	Sat. 18	1 ·62	18 ·28	29
24	Wed. 19	12 ·55	6 ·86	25	23	Tues. 19	—A ·78	13 ·83	28	24	Sun. 19	2 ·52	19 ·21	—30
25	Thur. 20	13 ·63	7 ·96	26	24	Wed. 20	1 ·72	14 ·81	29	25	Mon. 20	3 ·43	20 ·14	1
26	Fri. 21	14 ·69	... ...	27	25	Thur. 21	2 ·66	15 ·77	—30	26	Tues. 21	4 ·33	21 ·07	2
27	Sat. 22	—A ·73	8 ·05	28	26	Fri. 22	3 ·59	16 ·73	1					
28	Sun. 23	1 ·76	9 ·11	29	27	Sat. 23	4 ·50	17 ·69	2	27	Wed. 22	5 ·24	22 ·01 / 23 ·96	3
29	Mon. 24	2 ·76	10 ·11	—30	28	Sun. 24	5 ·40	18 ·60	3					
30	Tues. 25	3 ·75	11 ·18	1	29	Mon. 25	6 ·30	19 ·53	4	28	Thur. 23	6 ·16	24 ·92	4
31	Wed. 26	4 ·71	12 ·20	2	—30	Tues. 26	7 ·20	20 ·46	5	—29	Fri. 24	7 ·10	25 ·90	5
—32	Thur. 27	5 ·66	13 ·18	3	1	Wed. 27	8 ·10	21 ·40	6	1	Sat. 25	8 ·05	26 ·89	6
1	Fri. 28	6 ·59	14 ·15	4						2	Sun. 26	9 ·03	27 ·90	7
2	Sat. 29	7 ·51	15 ·10	5	2	Thur. 28	9 ·01 / 10 ·93	22 ·34	7	3	Mon. 27	10 ·02	1 ·93	8
			16 ·05 / 17 ·98							4	Tues. 28	11 ·04	2 ·98	9
3	Sun. 30	8 ·41		6	3	Fri. 29	11 ·86	23 ·29	8	5	Wed. 29	12 ·07	... ...	10
4	Mon. 31	9 ·31	18 ·92	7	4	Sat. 30	12 ·81	24 ·26	9	6	Thur. 30	13 ·12	3 ·06	11
	Aug.					**Oct.**					**Dec.**			
5	Tues. 1	10 ·20	19 ·85	8	5	Sun. 1	13 ·78	25 ·24	10	7	Fri. 1	14 ·19	4 ·15	12
6	Wed. 2	11 ·10	20 ·78	9	6	Mon. 2	14 ·77	26 ·25	11	8	Sat. 2	P ·27	5 ·25	13
		12 ·00 / 13 ·91			7	Tues. 3	P ·79	27 ·27	12	9	Sun. 3	1 ·36	6 ·36	14
7	Thur. 3		21 ·72	10	8	Wed. 4	1 ·82	1 ·31	13	10	Mon. 4	2 ·45	7 ·47	15
8	Fri. 4	14 ·83	22 ·66	11	9	Thur. 5	2 ·87	2 ·37	14	11	Tues. 5	3 ·53	8 ·57	16
9	Sat. 5	P ·76	23 ·63	12	10	Fri. 6	3 ·94	3 ·45	15	12	Wed. 6	4 ·60	9 ·66	17
10	Sun. 6	1 ·71	24 ·60	13	11	Sat. 7	... ...	4 ·54	16	13	Thur. 7	5 ·65	10 ·73	18
11	Mon. 7	2 ·68	25 ·59	14	12	Sun. 8	4 ·02	5 ·66	17	14	Fri. 8	6 ·68	11 ·77	19
12	Tues. 8	3 ·66	26 ·60	15	13	Mon. 9	5 ·10	6 ·76	18	15	Sat. 9	7 ·69	12 ·80	20
13	Wed. 9	4 ·68	27 ·63	16	14	Tues. 10	6 ·19	7 ·87	19	16	Sun. 10	8 ·68	13 ·82	21
14	Thur. 10	5 ·71	1 ·69	17	15	Wed. 11	7 ·27	8 ·96	20	17	Mon. 11	9 ·64	14 ·81	22
15	Fri. 11	6 ·75	2 ·76	18	16	Thur. 12	8 ·34	... ...	21	18	Tues. 12	10 ·59	15 ·78	23
16	Sat. 12	7 ·81	3 ·84	19	17	Fri. 13	9 ·39	9 ·04	22	19	Wed. 13	11 ·53	16 ·73	24
17	Sun. 13	8 ·89	4 ·94	20	18	Sat. 14	10 ·42	10 ·11	23	20	Thur. 14	12 ·45	17 ·68	25
18	Mon. 14	9 ·98	... ...	21	19	Sun. 15	11 ·42	11 ·14	24	21	Fri. 15	13 ·36	18 ·61	26
19	Tues. 15	... ...	5 ·05	22	20	Mon. 16	12 ·40	12 ·16	25	22	Sat. 16	14 ·27	19 ·55	27
20	Wed. 16	10 ·06	6 ·17	23	21	Tues. 17	13 ·37	13 ·16	26	23	Sun. 17	—A ·17	20 ·48	28
21	Thur. 17	11 ·14	7 ·27	24	22	Wed. 18	14 ·32	14 ·14	27					
22	Fri. 18	12 ·20	8 ·35	25	23	Thur. 19	—A ·26	15 ·11	28	24	Mon. 18	1 ·07 / 2 ·98	21 ·41	—29
23	Sat. 19	13 ·25	9 ·42	26	24	Fri. 20	1 ·18	16 ·06	—29	25	Tues. 19	3 ·89	22 ·35	1
24	Sun. 20	14 ·27	10 ·47	27						26	Wed. 20	4 ·82	23 ·29	2
25	Mon. 21	—A ·28	11 ·50	28	25	Sat. 21	2 ·09 / 3 ·99	17 ·00 / 18 ·94	1	27	Thur. 21	5 ·75	24 ·24	3
26	Tues. 22	1 ·26	12 ·52	—29	26	Sun. 22	4 ·89	19 ·87	2	28	Fri. 22	6 ·70	25 ·23	4
27	Wed. 23	2 ·22	13 ·50	1	27	Mon. 23	5 ·80	20 ·81	3	29	Sat. 23	7 ·68	26 ·21	5
28	Thur. 24	3 ·17	14 ·48	2	28	Tues. 24	6 ·70	21 ·74	4	—30	Sun. 24	8 ·66	27 ·22	6
29	Fri. 25	4 ·10	15 ·44	3	29	Wed. 25	7 ·61	22 ·68	5	1	Mon. 25	9 ·69	1 ·24	7
		5 ·03 / 6 ·94			—30	Thur. 26	8 ·54	23 ·62	6	2	Tues. 26	10 ·72	2 ·30	8
30	Sat. 26		16 ·38	4	1	Fri. 27	9 ·48	24 ·59	7	3	Wed. 27	11 ·77	3 ·37	9
—31	Sun. 27	7 ·84	17 ·33	5	2	Sat. 28	10 ·43	25 ·56	8	4	Thur. 28	12 ·84	4 ·45	10
1	Mon. 28	8 ·74	18 ·26	6	3	Sun. 29	11 ·40	26 ·57	9	5	Fri. 29	13 ·92	5 ·55	11
2	Tues. 29	9 ·64	19 ·19	7	4	Mon. 30	12 ·38	27 ·58	10	6	Sat. 30	... ...	6 ·66	12
3	Wed. 30	10 ·54	20 ·12	8	5	Tues. 31	13 ·39	1 ·62	11	7	Sun. 31	14 ·01	7 ·77	13
4	Thur. 31	11 ·44	21 ·05	9										

Nandana. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Āshādha.** **Śrāvaṇa.** *Bahula.* *Sukla.* **Bhādrapada.** **Āśvina.** *Bahula.* *Sukla.* **Kārt.**

Nandana. **Simha—Āvani.** *Bahula.* *Sukla.* **Śrāvaṇa.** **Bhādrapada.** **Āśvina.** *Bahula.* *Sukla.* **Kārt.**

Nandana. **Kanyā—Pāraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** **Kārt.** *Bahula.* *Sukla.* **Mārgaśīrsha.**

Nandana. **Tulā—Aippaśi.** *Bahula.* *Sukla.* **Kārt.** **Mārgaśīrsha.** *Bahula.* *Sukla.* **Pausha.**

Nandana. **Vṛśchika—Karttigai.** *Bahula.* *Sukla.* **Mārgaśīrsha.** **Pausha.** *Bahula.* *Sukla.* **Pausha.**

Nandana. **Dhanūs—Mārgali.** *Bahula.* *Sukla.* **Pausha.** **Māgha.** *Bahula.* *Sukla.* **Māgha.**

H. 567 Zi-l-ka'da. H. 567 Zi-l-hijja. H. 568 Muharram. H. 568 Muharram. H. 568 Muharram. H. 568 Muharram. H. 568 Safar. H. 568 Rabī-ul awwal. H. 568 Rabī-ul awwal. H. 568 Rabī-ul awwal. H. 568 Rabī-ul ākhir. H. 568 Rabī-ul awwal. H. 568 Jamāda'l awwal. H. 568 Jamāda'l awwal. H. 568 Jamāda'l ākhir.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1173. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·50.** **Śaka 1095.** **Kaliyuga 4274.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·45.** **(S. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Mon.○	1	P ·10	8 ·87	14	8	Thur.	1	P ·54	12 ·76	14	8	Tues.	1	2 ·36	18 ·31	16
9	Tues.	2	1 ·18	9 ·96	15	9	Fri.	2	1 ·56	13 ·78	15	9	Wed.	2	3 ·27	19 ·24	17
10	Wed.	3	2 ·24	... ...	16	10	Sat.	3	2 ·54	14 ·78	16	10	Thur.	3	4 ·17	20 ·19	18
11	Thur.	4	3 ·29	10 ·03	17	11	Sun.	4	3 ·51	15 ·77	17	11	Fri.	4	5 ·07	21 ·11	19
12	Fri.	5	4 ·32	11 ·09	18	12	Mon.	5	4 ·45	16 ·74	18				6 ·97		
13	Sat.	6	5 ·33	12 ·13	19	13	Tues.	6	5 ·38	17 ·69	19	12	Sat.	5	7 ·87	22 ·04	20
14	Sun.	7	6 ·32	13 ·14	20	14	Wed.	7	6 ·30	18 ·63	20					23 ·98	
15	Mon.	8	7 ·28	14 ·13	21	15	Thur.	8	7 ·21	19 ·57	21	13	Sun.	6	8 ·78	24 ·92	21
16	Tues.	9	8 ·23	15 ·11	22	16	Fri.	9	8 ·11	20 ·50	22	14	Mon.	7	9 ·70	25 ·88	22
17	Wed.	10	9 ·17	16 ·07	23	17	Sat.	10	9 ·01	21 ·44	23	15	Tues.	8	10 ·63	26 ·85	23
18	Thur.	11	10 ·09	17 ·01	24				10 ·91			16	Wed.	9	11 ·57	27 ·83	24
				18 ·96		18	Sun.	11	11 ·81	22 ·37	24	17	Thur.	10	12 ·54	1 ·84	25
19	Fri.	12	11 ·00	19 ·89	25	19	Mon.	12	12 ·73	23 ·31	25	18	Fri.	11	13 ·52	2 ·86	26
			12 ·91			20	Tues.	13	13 ·65	24 ·25	26	19	Sat.	12	14 ·54	3 ·91	27
20	Sat.	13	13 ·81	20 ·82	26	21	Wed.	14	14 ·59	25 ·21	27	20	Sun.	13	—A ·57	4 ·98	28
21	Sun.	14	14 ·71	21 ·75	27	22	Thur.	15	—A ·53	26 ·19	28	21	Mon.	14	1 ·61	... ...	29
22	Mon.	15	—A ·61	22 ·68	28	23	Fri.	16	1 ·50	27 ·19	29	22	Tues.	15	2 ·67	5 ·06	—30
23	Tues.	16	1 ·52	23 ·64	29	24	Sat.	17	2 ·49	1 ·20	—30	23	Wed.	16	3 ·75	6 ·16	1
24	Wed.	17	2 ·45	24 ·59	—30	25	Sun.	18	3 50	2 ·23	1	24	Thur.	17	4 ·84	7 ·26	2
25	Thur.	18	3 ·39	25 ·55	1	26	Mon.	19	4 ·54	3 ·29	2	25	Fri.	18	5 ·92	8 ·38	3
26	Fri.	19	4 ·34	26 ·54	2	27	Tues.	20	5 ·59	4 ·36	3	26	Sat.	19	... ...	9 ·48	4
27	Sat.	20	5 ·31	27 ·54	3	28	Wed.	21	6 ·66	5 ·46	4	27	Sun.	20	6 ·00	10 ·57	5
28	Sun.	21	6 ·31	1 ·57	4	29	Thur.	22	7 ·73	6 ·56	5	28	Mon.	21	7 ·06	11 ·65	6
—29	Mon.	22	7 ·32	2 ·61	5	—30	Fri.	23	8 ·80	7 ·67	6	29	Tues.	22	8 ·10	12 ·70	7
1	Tues.	23	8 ·35	3 ·67	6	1	Sat.	24	9 ·89	8 ·77	7	30	Wed.	23	9 ·12	13 ·75	8
2	Wed.	24	9 ·40	4 ·75	7	2	Sun.	25	10 ·97	9 ·87	8	31	Thur.	24	10 ·12	14 ·76	9
3	Thur.	25	10 ·47	5 ·85	8	3	Mon.	26	... ...	10 ·96	9	—32	Fri.	25	11 ·11	15 ·76	10
4	Fri.	26	11 ·55	6 ·95	9	4	Tues.	27	11 ·04	... ...	10	1	Sat.	26	12 ·07	16 ·73	11
5	Sat.	27	12 ·64	... ...	10	5	Wed.	28	12 ·08	11 ·03	11				13 ·01	17 ·69	
6	Sun.	28	13 ·73	7 ·07	11	6	Thur.	29	13 ·11	12 ·08	12	2	Sun.	27	14 ·94		12
7	Mon.	29	14 ·81	8 ·17	12	7	Fri.	30	14 ·11	13 ·10	13	3	Mon.	28	P ·85	18 ·64	13
8	Tues.	30	P ·88	9 ·27	13	8	Sat.	31	P ·10	14 ·11	14	4	Tues.	29	1 ·76	19 ·59	14
9	Wed.	31	1 ·93	10 ·34	14							5	Wed.	30	2 ·66	20 ·52	15
												6	Thur.	31	3 ·56	21 ·45	16
		Feb.						**April.**						**June.**			
10	Thur.	1	2 ·95	11 ·40	15	9	Sun.	1	1 ·06	15 ·10	15	7	Fri.	1	4 ·45	22 ·38	17
11	Fri.	2	3 ·96	12 ·45	16	10	Mon.	2	2 ·00	16 ·07	16	8	Sat.	2	5 ·35	23 ·32	18
12	Sat.	3	4 ·94	13 ·46	17				3 ·93			9	Sun.	3	6 ·26	24 ·27	19
13	Sun.	4	5 ·91	14 ·46	18	11	Tues.	3	4 ·85	17 ·03	17	10	Mon.	4	7 ·18	25 ·22	20
14	Mon.	5	6 ·86	15 ·44	19					18 ·97		11	Tues.	5	8 ·11	26 ·18	21
15	Tues.	6	7 ·79	16 ·40	20	12	Wed.	4	5 ·76	19 ·91	18	12	Wed.	6	9 ·06	27 ·16	22
16	Wed.	7	8 ·71	17 ·36	21	13	Thur.	5	6 ·66	20 ·85	19	13	Thur.	7	10 ·02	1 ·16	23
17	Thur.	8	9 ·62	18 ·30	22	14	Fri.	6	7 ·56	21 ·78	20	14	Fri.	8	11 ·00	2 ·19	24
18	Fri.	9	10 ·52	19 ·23	23	15	Sat.	7	8 ·45	22 ·71	21	15	Sat.	9	12 ·02	3 ·22	25
19	Sat.	10	11 ·42	20 ·16	24	16	Sun.	8	9 ·35	23 ·64	22	16	Sun.	10	13 ·04	4 ·28	26
20	Sun.	11	12 ·33	21 ·09	25	17	Mon.	9	10 ·27	24 ·59	23	17	Mon.	11	14 ·09	5 ·36	27
				22 ·03		18	Tues.	10	11 ·19	25 ·52	24	18	Tues.●	12	—A ·16	6 ·46	28
21	Mon.	12	13 ·24	23 ·97	26	19	Wed.	11	12 ·12	26 ·52	25	19	Wed.	13	1 ·24	7 ·56	—29
22	Tues.	13	14 ·15	24 ·92	27	20	Thur.	12	13 ·07	27 ·51	26	20	Thur.	14	2 ·32	8 ·68	1
23	Wed.	14	—A ·07	25 ·88	28	21	Fri.	13	14 ·04	1 ·52	27	21	Fri.	15	3 ·40	9 ·78	2
24	Thur.	15	1 ·00	26 ·86	—29	22	Sat.	14	—A ·02	2 ·55	28	22	Sat.	16	4 ·48	10 ·87	3
			2 ·95			23	Sun.	15	1 ·04	3 ·59	—29	23	Sun.	17	5 ·54	11 ·95	4
25	Fri.	16	3 ·92	27 ·87	1	24	Mon.	16	2 ·07	4 ·67	1	24	Mon.	18	6 ·58	... ...	5
26	Sat.	17	4 ·92	1 ·86	2	25	Tues.	17	3 ·12	5 ·76	2	25	Tues.	19	7 ·60	12 ·01	6
27	Sun.	18	5 ·93	2 ·92	3	26	Wed.	18	4 ·18	6 ·86	3	26	Wed.	20	8 ·60	13 ·06	7
28	Mon.	19	6 ·97	3 ·98	4	27	Thur.	19	5 ·25	7 ·96	4	27	Thur.	21	9 ·58	14 ·08	8
29	Tues.	20	... ...	... ...	5	28	Fri.	20	6 ·34	... ...	5	28	Fri.	22	10 ·55	15 ·08	9
—30	Wed.	21	7 ·02	4 ·06	6	29	Sat.	21	7 ·43	8 ·07	6	29	Sat.	23	11 ·49	16 ·06	10
1	Thur.	22	8 ·08	5 ·15	7	30	Sun.	22	8 ·51	9 ·18	7	30	Sun.	24	12 ·41	17 ·03	11
2	Fri.	23	9 ·16	6 ·26	8	—31	Mon.	23	9 ·56	10 ·27	8					18 ·99	
3	Sat.	24	10 ·24	7 ·37	9	1	Tues.	24	10 ·60	11 ·34	9	—31	Mon.	25	13 ·33	19 ·98	12
4	Sun.	25	11 ·33	8 ·47	10	2	Wed.	25	11 ·63	12 ·39	10	1	Tues.	26	14 ·23	20 ·86	13
5	Mon.	26	12 ·41	9 ·57	11	3	Thur.	26	12 ·63	13 ·42	11	2	Wed.○	27	P ·13	21 ·79	14
6	Tues.	27	13 ·48	10 ·65	12	4	Fri.	27	13 ·61	14 ·44	12	3	Thur.	28	1 ·03	22 ·72	15
7	Wed.	28	14 ·52	11 ·72	13	5	Sat.	28	14 ·57	15 ·43	13				2 ·93		
						6	Sun.	29	P ·52	16 ·40	14	4	Fri.	29	3 ·83	23 ·66	16
						7	Mon.	30	1 ·45	17 ·36	15	5	Sat.	30	4 ·73	24 ·60	17

Nandana. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* *H. 568 Jamādā'l awwal.* *H. 568 Rajab.*

Nandana. **Kumbha—Māśi.** *Bahula.* *Sukla.* *H. 568 Shā'bān.* *H. 568 Ramazān.*

Nandana. **Mīna—Paṅguni.** *Bahula.* **Phāl.** *Sukla.* **Chaitra.** *Bahula.* *Sukla.* *H. 568 Rajab.* *H. 568 Sha'bān.*

Vijaya. **Mēsha—Chittirai.** *Bahula.* **Vaiśākha.** *Sukla.* *H. 568 Ramazān.* *H. 568 Shawwāl.*

Vijaya. **Vrishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Sukla.* *H. 568 Dū-l-ka'da.*

Vijaya. **Mithuna—Āni.** *Bahula.* **Āshādha.** *Sukla.* *H. 568 Dū-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1173. **Kollam 349,** { **N. Malabar—Aug.** **Hijra 569.** **Vikrama 1230.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 12.** **Bengal San. 579.**
P—Paurnimā. **(N. Cycle) Hemalamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	5 ·65	25 ·55	18	5	Sat.	1	8 ·60	5 ·28	21	6	Thur.	1	9 ·19	11 ·48	23
7	Mon.	2	6 ·59	26 ·51	19	6	Sun.	2	9 ·67	6 ·37	22	7	Fri.	2	10 ·25	12 ·56	24
8	Tues.	3	7 ·53	27 ·48	20	7	Mon.	3	10 ·75	7 ·46	23	8	Sat.	3	11 ·30	13 ·64	25
9	Wed.	4	8 ·50	1 ·49	21	8	Tues.	4	11 ·84	8 ·57	24	9	Sun.	4	12 ·32	14 ·68	26
10	Thur.	5	9 ·49	2 ·50	22	9	Wed.	5	12 ·92	9 ·68	25	10	Mon.	5	13 ·34	15 ·70	27
11	Fri.	6	10 ·49	3 ·54	23	10	Thur.	6	13 ·99	10 ·79	26	11	Tues.	6	14 ·32	16 ·70	28
12	Sat.	7	11 ·53	4 ·59	24	11	Fri.	7	... ...	11 ·88	27	12	Wed.	7	—**A** ·28	17 ·69	29
13	Sun.	8	12 ·58	5 ·66	25	12	Sat.	8	14 ·05	12 ·95	28	13	Thur.	8	1 ·23	18 ·66	—30
14	Mon.	9	13 ·64	6 ·76	26	13	Sun.	9	—**A** ·10	... ...	29	14	Fri.	9	2 ·16	19 ·62	1
15	Tues.	10	14 ·72	7 ·87	27	14	Mon.	10	1 ·13	13 ·00	—30	15	Sat.	10	3 ·09	20 ·56	2
16	Wed.	11	—**A** ·80	8 ·98	28	15	Tues.	11	2 ·13	14 ·04	1	16	Sun.	11	4 ·00	21 ·49	3
17	Thur.	12	1 ·89	... ...	29	16	Wed.	12	3 ·12	15 ·06	2				5 ·90		
18	Fri.	13	2 ·96	9 ·08	—30	17	Thur.	13	4 ·08	16 ·05	3	17	Mon.	12	6 ·80	22 ·42	4
19	Sat.	14	... ...	10 ·18	1	18	Fri.	14	5 ·03	17 ·03	4	18	Tues.	13	7 ·71	23 ·35	5
20	Sun.	15	3 ·02	11 ·26	2				6 ·96	18 ·99		19	Wed.	14	8 ·61	24 ·29	6
21	Mon.	16	4 ·06	12 ·33	3	19	Sat.	15	7 ·87	19 ·94	5	20	Thur.	15	9 ·52	25 ·23	7
22	Tues.	17	5 ·08	13 ·38	4	20	Sun.	16	8 ·78	20 ·89	6	21	Fri.	16	10 ·44	26 ·18	8
23	Wed.	18	6 ·09	14 ·40	5	21	Mon.	17	9 ·68	21 ·82	7	22	Sat.	17	11 ·38	27 ·14	9
24	Thur.	19	7 ·06	15 ·41	6	22	Tues.	18	10 ·58	22 ·75	8	23	Sun.	18	12 ·34	1 ·11	10
25	Fri.	20	8 ·03	16 ·39	7	23	Wed.	19	11 ·48	23 ·68	9	24	Mon.	19	13 ·31	2 ·11	11
			9 ·98			24	Thur.	20	12 ·39	24 ·61	10	25	Tues.	20	14 ·31	3 ·12	12
26	Sat.	21	10 ·91	17 ·37	8	25	Fri.	21	13 ·30	25 ·55	11	26	Wed.	21	**P** ·32	4 ·15	13
27	Sun.	22	11 ·82	18 ·32	9	26	Sat.	22	14 ·22	26 ·51	12	27	Thur.	22	1 ·35	5 ·20	14
28	Mon.	23	12 ·72	19 ·27	10	27	Sun.	23	**P** ·16	27 ·48	13	28	Fri.	23	2 ·41	6 ·27	15
29	Tues.	24	13 ·62	20 ·20	11	28	Mon.	24	1 ·11	1 ·46	14	29	Sat.	24	3 ·48	7 ·37	16
30	Wed.	25	14 ·52	21 ·13	12	29	Tues.	25	2 ·09	2 ·46	15	—30	Sun.	25	4 ·56	8 ·47	17
31	Thur.	26	**P** ·42	22 ·07	13	—30	Wed.	26	3 ·07	3 ·48	16	1	Mon.	26	5 ·65	9 ·58	18
				23 ·00		1	Thur.	27	4 ·09	4 ·53	17	2	Tues.	27	6 ·74	10 ·68	19
—32	Fri.	27	1 ·32	24 ·94	14	2	Fri.	28	5 ·12	5 ·59	18	3	Wed.	28	7 ·82	11 ·78	20
1	Sat.	28	2 ·23	25 ·88	15	3	Sat.	29	6 ·18	6 ·67	19	4	Thur.	29	8 ·88	12 ·87	21
2	Sun.	29	3 ·15	26 ·84	16	4	Sun.	30	7 ·24	7 ·76	20	5	Fri.	30	9 ·94	13 ·95	22
3	Mon.	30	4 ·09	27 ·82	17												
4	Tues.	31	5 ·02	1 ·80	18												
			6 ·99														
	Aug.						**Oct.**						**Dec.**				
5	Wed.	1	7 ·98	2 ·80	19	5	Mon.	1	8 ·32	8 ·87	21	6	Sat.	1	10 ·96	14 ·99	23
6	Thur.	2	8 ·99	3 ·85	20	6	Tues.	2	9 ·41	9 ·98	22	7	Sun.	2	11 ·97	... ...	24
7	Fri.	3	... ...	4 ·90	21	7	Wed.	3	10 ·50	... ...	23	8	Mon.	3	12 ·93	15 ·02	25
8	Sat.	4	9 ·03	5 ·97	22	8	Thur.	4	11 ·58	10 ·09	24	9	Tues.	4	13 ·92	16 ·03	26
9	Sun.	5	10 ·08	... ...	23	9	Fri.	5	12 ·64	11 ·18	25	10	Wed.	5	14 ·87	17 ·02	27
10	Mon.	6	11 ·14	6 ·07	24	10	Sat.	6	13 ·69	12 ·26	26					18 ·00	
11	Tues.	7	12 ·22	7 ·17	25	11	Sun.	7	14 ·71	13 ·32	27	11	Thur.	6	—**A** ·80	19 ·95	28
12	Wed.	8	13 ·30	8 ·27	26	12	Mon.	8	—**A** ·71	14 ·36	28	12	Fri.	7	1 ·73	20 ·90	—29
13	Thur.	9	14 ·39	9 ·38	27	13	Tues.	9	1 ·70	15 ·38	—29	13	Sat.	8	2 ·64	21 ·88	1
14	Fri.	10	—**A** ·46	10 ·48	28	14	Wed.	10	2 ·66	16 ·38	1	14	Sun.	9	3 ·54	22 ·76	2
15	Sat.	11	1 ·52	11 ·57	—29	15	Thur.	11	3 ·61	17 ·36	2	15	Mon.	10	4 ·44	23 ·70	3
16	Sun.	12	2 ·56	12 ·64	1	16	Fri.	12	4 ·55	18 ·32	3	16	Tues.	11	5 ·35	24 ·63	4
17	Mon.	13	3 ·59	13 ·69	2	17	Sat.	13	5 ·47	19 ·27	4	17	Wed.	12	6 ·25	25 ·57	5
18	Tues.	14	4 ·59	14 ·72	3	18	Sun.	14	6 ·37	20 ·22	5	18	Thur.	13	7 ·17	26 ·51	6
19	Wed.	15	5 ·57	15 ·73	4	19	Mon.	15	7 ·27	21 ·16	6	19	Fri.	14	8 ·09	27 ·47	7
20	Thur.	16	6 ·54	16 ·73	5	20	Tues.	16	8 ·17	22 ·09	7				9 ·02		
21	Fri.	17	7 ·49	17 ·70	6				9 ·07	23 ·01		20	Sat.	15	10 ·98	1 ·45	8
22	Sat.	18	8 ·42	18 ·66	7	21	Wed.	17	10 ·98	24 ·95	8	21	Sun.	16	11 ·96	2 ·42	9
23	Sun.	19	9 ·33	19 ·60	8	22	Thur.	18	11 ·90	25 ·90	9	22	Mon.	17	12 ·93	3 ·44	10
24	Mon.	20	10 ·23	20 ·54	9	23	Fri.	19	12 ·82	26 ·84	10	23	Tues.	18	13 ·96	4 ·46	11
25	Tues.	21	11 ·18	21 ·48	10	24	Sat.	20	13 ·75	27 ·81	11	24	Wed.	19	... ...	5 ·51	12
26	Wed.	22	12 ·03	22 ·41	11	25	Sun.	21	14 ·71	1 ·78	12	25	Thur.	20	14 ·01	6 ·59	13
			13 ·93			26	Mon.	22	**P** ·69	2 ·78	13	26	Fri.	21	**P** ·06	7 ·67	14
27	Thur.	23	14 ·83	23 ·34	12	27	Tues.	23	1 ·67	3 ·80	14	27	Sat.	22	1 ·13	8 ·77	15
28	Fri.	24	**P** ·74	24 ·27	13	28	Wed.	24	2 ·69	4 ·84	15	28	Sun.	23	2 ·21	9 ·88	16
29	Sat.	25	1 ·66	25 ·22	14	29	Thur.	25	3 ·72	5 ·90	16	—29	Mon.	24	3 ·30	10 ·98	17
30	Sun.	26	2 ·60	26 ·17	15	—30	Fri.	26	4 ·78	6 ·97	17	1	Tues.	25	4 ·39	... ...	18
—31	Mon.	27	3 ·55	27 ·15	16	1	Sat.	27	5 ·85	... ...	18	2	Wed.	26	5 ·47	11 ·08	19
1	Tues.	28	4 ·53	1 ·12	17	2	Sun.	28	6 ·93	7 ·06	19	3	Thur.	27	6 ·54	12 ·18	20
2	Wed.	29	5 ·51	2 ·14	18	3	Mon.	29	... ...	8 ·17	20	4	Fri.	28	7 ·58	13 ·25	21
3	Thur.	30	6 ·52	3 ·16	19	4	Tues.	30	7 ·02	9 ·28	21	5	Sat.	29	8 ·61	14 ·31	22
4	Fri.	31	7 ·55	4 ·21	20	5	Wed.	31	8 ·11	10 ·39	22	6	Sun.	30	9 ·62	15 ·34	23
												7	Mon.	31	10 ·57	16 ·35	24

Vijaya. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* **Śrāvaṇa.** *Bahula.* *Sukla.* **Bhādrapada.** *Bahula.*

Vijaya. **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** *Bahula.* *Sukla.* **Kārttika.** *Bahula.*

Vijaya. **Tulā—Aippaśi.** *Bahula.* *Sukla.* **Mārgaśirsha.** *Bahula.* *Sukla.* **Pausha.** *Bahula.*

Vijaya. **Vriśchika—Kārttigai.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *Sukla.* **Phālguna.** *Bahula.*

Vijaya. **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* **Pausha.** *Bahula.* *Sukla.* **Māgha.** *Bahula.*

Vijaya. **Simha—Āvaṇi.** *Bahula.* *Sukla.* **Bhādrapada.** *Bahula.* *Sukla.* **Āśvina.** *Bahula.*

Vijaya. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *Sukla.* **Phālguna.** *Bahula.* *Sukla.*

H. 568 Ẓi-l-ka'da. *H. 568 Ẓi-l-ḥijja.* *H. 569 Muḥarram.* *H. 569 Ṣafar.* *H. 569 Rabi-ul awwal.* *H. 569 Rabi-ul ākhir.* *H. 569 Jamāda'l awwal.* *H. 569 Jamāda'l ākhir.* *H. 569 Rajab.* *H. 569 Sha'bān.* *H. 569 Ramaẓān.* *H. 569 Shawwāl.* *H. 569 Ẓi-l-ka'da.* *H. 569 Ẓi-l-ḥijja.* *H. 570 Muḥarram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1174. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·76.** **Śaka 1096.** **Kaliyuga 4275.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·71.** **(S. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
									Bahula.								
									11 ·50	22 ·79	25				13 ·01	1 ·09	
									12 ·41	23 ·72	26				14 ·94		27
									13 ·31	24 ·65	27				—**A** ·89	2 ·07	28
									14 ·21	25 ·58	28				1 ·86	3 ·06	29
									—**A** ·12	26 ·53	29				2 ·85	4 ·06	—30
									1 ·03	27 ·47	—30				3 ·86	5 ·08	1
									2 ·95						4 ·89	6 ·12	2
									3 ·88	1 ·43	1				5 ·94	7 ·20	3
									4 ·83	2 ·41	2				... ...	8 ·28	4
									5 ·81	3 ·40	3				*Sukla.* 6 ·01	9 ·38	5
									Sukla. 6 ·79	4 ·42	4				7 ·09	10 ·48	6
									7 ·81	5 ·45	5				8 ·17	11 ·59	7
									8 ·84	6 ·51	6				9 ·25	12 ·69	8
									9 ·90	7 ·58	7				10 ·32	13 ·79	9
									10 ·97	8 ·67	8				11 ·38	14 ·87	10
									... ...	9 ·78	9				12 ·42	15 ·92	11
									11 ·05	10 ·89	10				13 ·44	16 ·99	12
									12 ·13	11 ·99	11				14 ·45	17 ·97	13
									13 ·22	... ...	12				14 ·45	18 ·98	14
									14 ·30	12 ·09	13				1 ·39	19 ·95	15
									P ·36	13 ·17	14				2 ·33	20 ·91	16
									1 ·40	14 ·25	15				3 ·26	21 ·86	17
									2 ·42	15 ·30	16				4 ·17	22 ·80	18
									3 ·43	16 ·32	17				5 ·08		
									4 ·40	17 ·33	18				6 ·97	23 ·74	19
									5 ·36	18 ·31	19				7 ·87	24 ·67	20
									6 ·30	19 ·28	20				8 ·76	25 ·60	21
									7 ·23	20 ·24	21				9 ·66	26 ·53	22
									8 ·15	21 ·19	22				10 ·57	27 ·47	23
									9 ·06	22 ·13	23				11 ·49	1 ·44	24
									10 ·97						12 ·43	2 ·40	25
										23 ·06					13 ·38	3 ·38	26
									11 ·87	24 ·98	24				14 ·35	4 ·38	27
									12 ·77	25 ·93	25						
		Feb.						**April.**						**June.**			
									Bahula.								
									13 ·67	26 ·86	26				—**A** ·3	5 ·40	28
									14 ·58	27 ·81	27				1 ·34	6 ·44	—29
									—**A** ·50	1 ·76	28				2 ·38	7 ·50	1
									1 ·43	2 ·73	—29				3 ·43	8 ·58	2
									2 ·38	3 ·73	1				4 ·50	9 ·68	3
									3 ·35	4 ·74	2				5 ·57	10 ·78	4
									4 ·34	5 ·77	3				6 ·66	11 ·89	5
									5 ·35	6 ·82	4				7 ·74	... ...	6
									Sukla. 6 ·38	7 ·88	5				8 ·81	12 ·00	7
									7 ·44	8 ·98	6				9 ·86	13 ·09	8
									8 ·51	... ...	7				10 ·90	14 ·17	9
									9 ·58	9 ·08	8				11 ·93	15 ·23	10
									10 ·66	10 ·18	9				12 ·93	16 ·27	11
									11 ·75	11 ·29	10				13 ·91	17 ·30	12
									12 ·83	12 ·39	11				14 ·87	18 ·30	13
									13 ·88	13 ·49	12				15 ·81	19 ·28	14
									14 ·92	14 ·56	13				1 ·73	20 ·25	15
									P ·94	15 ·61	14				2 ·64	21 ·20	16
									1 ·95	16 ·64	15				3 ·55	22 ·15	17
									2 ·93	17 ·65	16				4 ·45	23 ·08	18
									3 ·90	18 ·64	17					24 ·01	
									4 ·84	19 ·62	18				5 ·35	25 ·94	19
									5 ·76	20 ·58	19				6 ·24	26 ·87	20
									6 ·67	21 ·53	20				7 ·14	27 ·82	21
									7 ·58	22 ·46	21				8 ·05		
									8 ·48	23 ·40	22				9 ·97	1 ·77	22
									9 ·38	24 ·33	23				10 ·91	2 ·73	23
									10 ·28	25 ·26	24				11 ·86	3 ·70	24
									11 ·18	26 ·20	25				12 ·83	4 ·70	25
									12 ·09	27 ·14	26				13 ·81	5 ·71	26
															14 ·82	6 ·76	27
															—**A** ·85	7 ·81	28

Nakah:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1174. **Kollam 350,** { **N. Malabar—Aūg.** **Hijra 570.** **Vikrama 1231.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Aug. 2.** **Bengal San. 580.**
P—Paurnimā. **(N. Cycle) Vilamba.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
5	Mon. 1	1 ·90	8 ·89	29	5	Sun. 1	3 ·37	14 ·10	1	5	Fri. 1	5 ·51	21 ·87	3
6	Tues. 2	2 ·97	9 ·98	—30	6	Mon. 2	4 ·41	15 ·17	2	6	Sat. 2	6 ·44	22 ·83	4
7	Wed. 3	... ...	... ...	1	7	Tues. 3	5 ·43	16 ·23	3	7	Sun. 3	7 ·36	23 ·78	5
8	Thur. 4	3 ·05	10 ·08	2	8	Wed. 4	6 ·44	17 ·26	4	8	Mon. 4	8 ·27	24 ·71	6
9	Fri. 5	4 ·14	11 ·19	3	9	Thur. 5	7 ·42	18 ·27	5	9	Tues. 5	9 ·18	25 ·64	7
10	Sat. 6	5 ·22	12 ·30	4	10	Fri. 6	8 ·39	19 ·26	6	10	Wed. 6	10 ·09	26 ·57	8
11	Sun. 7	6 ·29	13 ·40	5	11	Sat. 7	9 ·33	20 ·25	7			11 ·98		
12	Mon. 8	7 ·35	14 ·49	6	12	Sun. 8	10 ·25	21 ·21	8	11	Thur. 7	12 ·89	27 ·50	9
13	Tues. 9	8 ·38	15 ·54	7	13	Mon. 9	11 ·17	22 ·16	9	12	Fri. 8	13 ·81	1 ·45	10
14	Wed. 10	9 ·41	16 ·60	8	14	Tues. 10	12 ·08	23 ·10	10	13	Sat. 9	14 ·73	2 ·40	11
15	Thur. 11	10 ·40	17 ·62	9			13 ·98			14	Sun.○10	P ·67	3 ·36	12
16	Fri. 12	11 ·39	18 ·63	10	15	Wed. 11	14 ·88	24 ·03	11	15	Mon. 11	1 ·64	4 ·33	13
17	Sat. 13	12 ·35	19 ·61	11				25 ·97		16	Tues. 12	2 ·61	5 ·32	14
18	Sun. 14	13 ·29	20 ·58	12	16	Thur. 12	P ·78	26 ·90	12	17	Wed. 13	3 ·60	6 ·34	15
19	Mon. 15	14 ·21	21 ·54	13	17	Fri. 13	1 ·68	27 ·83	13	18	Thur. 14	4 ·61	7 ·37	16
20	Tues. 16	P ·13	22 ·49	14	18	Sat. 14	2 ·59	1 ·77	14	19	Fri. 15	5 ·65	8 ·42	17
21	Wed. 17	1 ·02	23 ·42	15	19	Sun. 15	3 ·52	2 ·72	15	20	Sat. 16	6 ·71	9 ·49	18
		2 ·92			20	Mon. 16	4 ·45	3 ·70	16	21	Sun. 17	7 ·78	10 ·58	19
22	Thur. 18	3 ·82	24 ·35	16	21	Tues. 17	5 ·41	4 ·68	17	22	Mon. 18	8 ·86	11 ·68	20
23	Fri. 19	4 ·72	25 ·28	17	22	Wed. 18	6 ·38	5 ·68	18	23	Tues. 19	9 ·96	12 ·80	24
24	Sat. 20	5 ·63	26 ·22	18	23	Thur. 19	7 ·37	6 ·70	19	24	Wed. 20	... ...	13 ·91	21
25	Sun. 21	6 ·54	27 ·16	19	24	Fri. 20	8 ·38	7 ·74	20	25	Thur. 21	10 ·04	... ...	22
26	Mon. 22	7 ·46	1 ·10	20	25	Sat. 21	9 ·42	8 ·81	21	26	Fri. 22	11 ·11	14 ·00	23
27	Tues. 23	8 ·39	2 ·06	21	26	Sun. 22	10 ·48	9 ·89	22	27	Sat. 23	12 ·18	15 ·09	25
28	Wed. 24	9 ·34	3 ·04	22	27	Mon. 23	11 ·55	10 ·98	23	28	Sun. 24	13 ·23	16 ·16	26
29	Thur. 25	10 ·32	4 ·02	23	28	Tues. 24	12 ·63	... ...	24	—29	Mon. 25	14 ·26	17 ·21	27
30	Fri. 26	11 ·30	5 ·04	24	29	Wed. 25	13 ·72	11 ·08	25	1	Tues.●26	—A ·25	18 ·24	28
—31	Sat. 27	12 ·31	6 ·07	25	30	Thur. 26	14 ·81	12 ·19	26	2	Wed. 27	1 ·24	19 ·25	—29
1	Sun. 28	13 ·34	7 ·12	26	—31	Fri. 27	—A ·88	13 ·31	27	3	Thur. 28	2 ·21	20 ·24	1
2	Mon. 29	14 ·40	8 ·19	27	1	Sat. 28	1 ·95	14 ·40	28	4	Fri. 29	3 ·15	21 ·21	2
3	Tues. 30	—A ·47	9 ·28	28	2	Sun. 29	2 ·99	15 ·48	—29	5	Sat. 30	4 ·08	22 ·17	3
4	Wed. 31	1 ·55	10 ·38	29	3	Mon. 30	... ...	16 ·54	1					
	Aug.					**Oct.**					**Dec.**			
5	Thur. 1	2 ·63	11 ·49	—30	4	Tues. 1	3 ·00	17 ·58	2	6	Sun. 1	5 ·00	23 ·11	4
6	Fri. 2	3 ·71	12 ·60	1	5	Wed. 2	4 ·01	18 ·59	3			6 ·91		
7	Sat. 3	4 ·79	13 ·70	2			5 ·99			7	Mon. 2	7 ·81	24 ·05	5
8	Sun. 4	5 ·85	14 ·78	3	6	Thur. 3	6 ·96	19 ·60	4				25 ·98	
9	Mon. 5	6 ·89	15 ·86	4	7	Fri. 4	7 ·91	20 ·58	5	8	Tues. 3	8 ·71	26 ·91	6
10	Tues. 6	7 ·90	16 ·91	5	8	Sat. 5	8 ·84	21 ·54	6	9	Wed. 4	9 ·62	27 ·85	7
11	Wed. 7	8 ·90	17 ·94	6	9	Sun. 6	9 ·75	22 ·49	7	10	Thur. 5	10 ·53	1 ·79	8
12	Thur. 8	9 ·89	18 ·95	7	10	Mon. 7	10 ·66	23 ·43	8	11	Fri. 6	11 ·44	2 ·73	9
13	Fri. 9	10 ·86	19 ·94	8	11	Tues. 8	11 ·56	24 ·38	9	12	Sat. 7	12 ·37	3 ·69	10
14	Sat. 10	11 ·80	20 ·92	9	12	Wed. 9	12 ·46	25 ·30	10	13	Sun. 8	13 ·31	4 ·66	11
15	Sun. 11	12 ·72	21 ·87	10	13	Thur. 10	13 ·36	26 ·23	11	14	Mon. 9	14 ·26	5 ·64	12
16	Mon. 12	13 ·63	22 ·82	11	14	Fri. 11	14 ·26	27 ·17	12	15	Tues. 10	P ·25	6 ·66	13
17	Tues. 13	14 ·54	23 ·76	12	15	Sat. 12	P ·18	1 ·10	13	16	Wed. 11	1 ·25	7 ·68	14
18	Wed. 14	P ·44	24 ·69	13	16	Sun. 13	1 ·11	2 ·04	14	17	Thur. 12	2 ·26	8 ·73	15
19	Thur. 15	1 ·34	25 ·62	14	17	Mon. 14	2 ·05	3 ·03	15	18	Fri. 13	3 ·30	9 ·80	16
20	Fri. 16	2 ·24	26 ·56	15			3 ·00			19	Sat. 14	4 ·36	10 ·88	17
21	Sat. 17	3 ·14	27 ·49	16	18	Tues. 15	4 ·97	4 ·04	16	20	Sun. 15	5 ·42	11 ·99	18
22	Sun. 18	4 ·05	1 ·44	17	19	Wed. 16	5 ·97	5 ·00	17	21	Mon. 16	6 ·50	... ...	19
		5 ·97			20	Thur. 17	6 ·99	6 ·01	18	22	Tues. 17	7 ·60	12 ·10	20
23	Mon. 19	6 ·90	2 ·39	18	21	Fri. 18	... ...	7 ·06	19	23	Wed. 18	8 ·68	13 ·20	21
24	Tues. 20	7 ·86	3 ·36	19	22	Sat. 19	7 ·03	8 ·12	20	24	Thur. 19	9 ·76	14 ·30	22
25	Wed. 21	8 ·83	4 ·35	20	23	Sun. 20	8 ·08	9 ·19	21	25	Fri. 20	10 ·83	15 ·39	23
26	Thur. 22	9 ·81	5 ·36	21	24	Mon. 21	9 ·15	10 ·28	22	26	Sat. 21	11 ·88	16 ·48	24
27	Fri. 23	10 ·83	6 ·38	22	25	Tues. 22	10 ·23	11 ·38	23	27	Sun. 22	12 ·90	17 ·58	25
28	Sat. 24	11 ·86	7 ·43	23	26	Wed. 23	11 ·32	12 ·49	24	28	Mon. 23	13 ·90	18 ·56	26
29	Sun. 25	12 ·92	8 ·49	24	27	Thur. 24	12 ·41	13 ·61	25	—29	Tues. 24	14 ·89	19 ·57	27
30	Mon. 26	13 ·99	9 ·58	25	28	Fri. 25	13 ·48	14 ·70	26	1	Wed. 25	—A ·85	20 ·56	28
—31	Tues. 27	... ...	10 ·68	26	29	Sat. 26	14 ·54	15 ·78	27	2	Thur. 26	1 ·80	21 ·55	29
1	Wed. 28	14 ·07	11 ·79	27	—30	Sun. 27	—A ·59	16 ·85	28	3	Fri. 27	2 ·73	22 ·51	—30
2	Thur. 29	—A ·16	12 ·90	28	1	Mon. 28	1 ·62	17 ·89	29	4	Sat. 28	3 ·65	23 ·45	1
3	Fri. 30	1 ·25	... ...	29	2	Tues. 29	2 ·62	18 ·92	—30	5	Sun. 29	4 ·56	24 ·39	2
4	Sat. 31	2 ·32	13 ·00	—30	3	Wed. 30	3 ·60	19 ·92	1	6	Mon. 30	5 ·46	25 ·32	3
					4	Thur. 31	4 ·57	20 ·91	2	7	Tues. 31	6 ·36	26 ·26	4

Jaya. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* *H.* 569 *Zi-l-hijja.*

Jaya. **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 570 *Śafar.*

Jaya. **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 570 *Rabi-ul awwal.*

Jaya. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 570 *Rabi-ul ākhir.*

Jaya. **Dhanus—Mārgaḷi.** *Śukla.* **Pausha.** *Bahula.* *H.* 570 *Jamād'al awwal.*

Jaya. **Śiṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 570 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1175. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 25·02.** **Śaka 1097.** **Kaliyuga 4276.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·97.** **(S. Cycle) Manmatha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	*Sukla.* 7 ·26	27 ·19	5	7	Sat. 1	*Sukla.* 7 ·18	5 ·63	5	7	Thur. 1	*Sukla.* 9 ·27	11 ·49	7
9	Thur. 2	8 ·17	1 ·12	6	8	Sun. 2	8 ·14	6 ·62	6	8	Fri. 2	10 ·34	12 ·60	8
10	Fri. 3	9 ·09	2 ·06	7	9	Mon. 3	9 ·11	7 ·63	7	9	Sat. 3	11 ·42	13 ·71	9
11	Sat. 4	{ 10 ·02 11 ·96	3 ·02 4 ·98 }	8	10	Tues. 4	10 ·11	8 ·67	8	10	Sun. 4	12 ·50	14 ·81	10
12	Sun. 5	12 ·92	5 ·98	9	11	Wed. 5	11 ·12	9 ·73	9	11	Mon. 5	13 ·58	15 ·91	11
13	Mon. 6	*Bahula.* 13 ·89	6 ·98	10	12	Thur. 6	12 ·16	10 ·80	10	12	Tues. 6	14 ·66	... ...	12
14	Tues. 7	14 ·88	... ...	11	13	Fri. 7	13 ·21	11 ·89	11	13	Wed. ○7	*Bahula.* **P** ·71	16 ·00	13
15	Wed. 8	**P** ·90	7 ·00	12	14	Sat. 8	14 ·28	12 ·99	12	14	Thur. 8	1 ·75	17 ·09	14
16	Thur. 9	1 ·94	8 ·04	13	15	Sun. 9	**P** ·36	... ...	13	15	Fri. 9	2 ·78	18 ·14	15
17	Fri. 10	... ..	9 ·10	14	16	Mon. 10	*Adhika Chaitra.* 1 ·45	13 ·11	14	16	Sat. 10	3 ·77	19 ·18	16
18	Sat. 11	2 ·00	10 ·19	15	17	Tues. 11	2 ·53	14 ·21	15	17	Sun. 11	4 ·75	20 ·19	17
19	Sun. 12	3 ·07	11 ·29	16	18	Wed. 12	3 ·60	15 ·31	16	18	Mon. 12	5 ·70	21 ·19	18
20	Mon. 13	4 ·16	12 ·39	17	19	Thur. 13	4 ·67	16 ·39	17	19	Tues. 13	6 ·64	22 ·17	19
21	Tues. 14	5 ·24	13 ·50	18	20	Fri. 14	5 ·71	17 ·46	18	20	Wed. 14	7 ·57	23 ·13	20
22	Wed. 15	6 ·32	14 ·61	19	21	Sat. 15	6 ·74	18 ·51	19	21	Thur. 15	8 ·49	24 ·08	21
23	Thur. 16	7 ·40	15 ·71	20	22	Sun. 16	*Bahula.* 7 ·73	19 ·54	20				25 ·02	
24	Fri. 17	8 ·47	16 ·78	21	23	Mon. 17	8 ·77	20 ·55	21	22	Fri. 16	*Bahula.* 9 ·39	26 ·95 }	22
25	Sat. 18	9 ·52	17 ·84	22	24	Tues. 18	9 ·67	21 ·53	22	23	Sat. 17	10 ·29	27 ·89	23
26	Sun. 19	10 ·54	18 ·88	23	25	Wed. 19	10 ·61	22 ·50	23	24	Sun. 18	11 ·19	1 ·82	24
27	Mon. 20	11 ·54	19 ·89	24	26	Thur. 20	11 ·54	23 ·46	24			{ 12 ·09		
28	Tues. 21	12 ·52	20 ·90	25	27	Fri. 21	12 ·46	24 ·41	25	25	Mon. 19	{ 13 ·99	2 ·75	25
29	Wed. 22	13 ·48	21 ·88	26	28	Sat. 22	13 ·37	25 ·35	26	26	Tues. 20	14 ·90	3 ·69	26
—30	Thur. 23	14 ·43	22 ·84	27	29	Sun. 23	14 ·27	26 ·28	27	27	Wed. 21	—**A** ·82	4 ·65	27
1	Fri. 24	—**A** ·36	23 ·79	28	—30	Mon. 24	—**A** ·16	27 ·20	28	28	Thur. 22	1 ·75	5 ·61	28
2	Sat. 25	1 ·29	24 ·73	—29	1	Tues. 25	{ 1 ·06 2 ·96	1 ·14	—29	29	Fri. 23	2 ·70	6 ·60	—29
3	Sun. 26	2 ·19	25 ·66	1		Wed. 26	3 ·88	2 ·08	1	30	Sat. 24	3 ·67	7 ·60	1
4	Mon. 27	3 ·10	26 ·60	2	2	Thur. 27	4 ·80	3 ·03 }	2	—31	Sun. 25	4 ·66	8 ·62	2
5	Tues. 28	{ 4 ·00 5 ·90	27 ·53	3	3	Fri. 28	5 ·74	4 ·98 }	3	1	Mon. 26	5 ·68	9 ·66	3
6	Wed. 29	6 ·80	1 ·46	4	4	Sat. 29	*Sukla.* 6 ·69	5 ·95	4	2	Tues. 27	6 ·71	10 ·72	4
7	Thur. 30	7 ·72	2 ·40	5	5	Sun. 30	7 ·67	6 ·94	5	3	Wed. 28	*Sukla.* 7 ·76	11 ·80	5
8	Fri. 31	8 ·65	3 ·35	6	6	Mon. 31	8 ·66	7 ·96	6	4	Thur. 29	8 ·83	12 ·90	6
	Feb.				7	**April.**		8 ·99		5	Fri. 30	9 ·91	... ...	7
9	Sat. 1	*Sukla.* 9 ·59	4 ·42	7	8	Tues. 1	9 ·67	... ...	7	6	Sat. 31	10 ·99	13 ·00	8
10	Sun. 2	10 ·54	5 ·30	8	9	Wed. 2	10 ·71	9 ·04	8		**June.**			
11	Mon. 3	11 ·51	6 ·30	9	10	Thur. 3	11 ·76	10 ·10	9	7	Sun. 1	... ...	14 ·11	9
12	Tues. 4	12 ·51	7 ·31	10	11	Fri. 4	12 ·88	11 ·19	10	8	Mon. 2	11 ·07	15 ·21	10
13	Wed. 5	13 ·53	8 ·35	11	12	Sat. 5	13 ·90	12 ·29	11	9	Tues. 3	12 ·14	16 ·31	11
14	Thur. 6	14 ·56	9 ·42	12	13	Sun. 6	14 ·99	13 ·41	12	10	Wed. 4	13 ·20	17 ·39	12
15	Fri. 7	**P** ·62	10 ·50	13	14	Mon. 7	... ...	14 ·51	13	11	Thur. 5	14 ·24	18 ·45	13
16	Sat. 8	1 ·69	11 ·59	14	15	Tues. 8	**P** ·07	15 ·61	14	12	Fri. 6	**P** ·26	19 ·49	14
17	Sun. 9	2 ·77	12 ·69	15	16	Wed. 9	1 ·14	16 ·70	15	13	Sat. 7	1 ·26	20 ·51	15
18	Mon. 10	3 ·86	13 ·80	16	17	Thur. 10	2 ·20	17 ·77	16	14	Sun. 8	2 ·23	21 ·52	16
19	Tues. 11	4 ·95	14 ·91	17	18	Fri. 11	3 ·25	18 ·83	17	15	Mon. 9	3 ·18	22 ·50	17
20	Wed. 12	... ...	... ...	18	19	Sat. 12	4 ·28	19 ·86	18	16	Tues. 10	4 ·12	23 ·47	18
21	Thur. 13	*Bahula.* 5 ·02	15 ·01	19	20	Sun. 13	*Nija Chaitra.* 5 ·27	20 ·87	19	17	Wed. 11	{ 5 ·05 6 ·97	24 ·42	19
22	Fri. 14	6 ·08	16 ·09	20	21	Mon. 14	6 ·25	21 ·86	20	18	Thur. 12	7 ·87	25 ·36	20
23	Sat. 15	7 ·13	17 ·15	21	22	Tues. 15	7 ·20	22 ·83	21	19	Fri. 13	8 ·77	26 ·30	21
24	Sun. 16	8 ·15	18 ·19	22	23	Wed. 16	*Bahula.* 8 ·14	23 ·80	22	20	Sat. 14	9 ·67	27 ·23	22
25	Mon. 17	9 ·15	19 ·22	23	24	Thur. 17	{ 9 ·07 10 ·99	24 ·75	23	21	Sun. 15	*Bahula.* 10 ·57	1 ·17	23
26	Tues. 18	10 ·13	20 ·22	24						22	Mon. 16	11 ·47	2 ·09	24
27	Wed. 19	11 ·10	21 ·21	25	25	Fri. 18	11 ·89	25 ·68	24	23	Tues. 17	12 ·37	3 ·03 4 ·98 }	25
28	Thur. 20	{ 12 ·05 13 ·98	22 ·17	26	26	Sat. 19	12 ·79	26 ·61	25	24	Wed. 18	13 ·29	5 ·95	26
29	Fri. 21	14 ·89	23 ·12	27	27	Sun. 20	13 ·69	27 ·54	26	25	Thur. 19	14 ·23	6 ·92	27
—30	Sat. 22	—**A** ·80	24 ·06	28	28	Mon. 21	14 ·59	1 ·48	27	26	Fri. 20	—**A** ·18	7 ·92	28
1	Sun. 23	1 ·70	25 ·01 26 ·94 }	29	29	Tues. 22	—**A** ·49	2 ·42	28	27	Sat. 21	1 ·15	8 ·93	29
2	Mon. 24	2 ·60	27 ·87	—30	30	Wed. 23	1 ·40	3 ·36	29	28	Sun. 22	2 ·14	9 ·97	—30
3	Tues. 25	*Sukla.* 3 ·50	1 ·80	1	—31	Thur. 24	2 ·32	4 ·31	—30	29	Mon. 23	3 ·15	... ...	1
4	Wed. 26	4 ·40	2 ·73	2	1	Fri. 25	3 ·26	5 ·28	1	30	Tues. 24	4 ·18	10 ·03	2
5	Thur. 27	5 ·32	3 ·69	3	2	Sat. 26	*Sukla.* 4 ·22	6 ·27	2	31	Wed. 25	*Sukla.* 5 ·24	11 ·11	3
6	Fri. 28	6 ·24	4 ·65	4	3	Sun. 27	5 ·19	7 ·28	3	—32	Thur. 26	6 ·31	12 ·20	4
					4	Mon. 28	6 ·17	8 ·30	4	1	Fri. 27	7 ·39	13 ·30	5
					5	Tues. 29	7 ·19	9 ·35	5	2	Sat. 28	8 ·47	14 ·40	6
					6	Wed. 30	8 ·22	10 ·41	6	3	Sun. 29	9 ·56	15 ·52	7
										4	Mon. 30	10 ·62	16 ·62	8

Jaya. **Makara—Tai.** *Jaya.* **Kumbha—Māgh.** *Manmatha.* **Mēsha—Chittirai.** *Manmatha.* **Vrishabha—Vaigāśi.** *Manmatha.* **Mithuna—Āni.** *H. 570 Jamādā'l ākhir.* *H. 570 Rajab.* *H. 570 Śha'bān.* *H. 570 Ramazān.* *H. 570 Shawwāl.* *H. 570 Zī-l-ka'da.*

Naksh:—1 Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1175. **Kollam 351,** { **N. Malabar—Aug.** **Hijra 571.** **Vikrama 1232.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **July 22.** **Bengal San. 581.**
P—Paurnimā. **(N. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Tues.	1	11 ·67	17 ·70	9	5	Mon.	1	14 ·55	24 ·43	12	5	Sat.	1	1 ·17	4 ·66	14
6	Wed.	2	12 ·71	18 ·76	10	6	Tues.	2	**P** ·46	25 ·38	13	6	Sun.	2	2 ·08	5 ·61	15
7	Thur.	3	13 ·74	19 ·81	11	7	Wed.	3	1 ·37	26 ·31	14	7	Mon.	3	3 ·01	6 ·58	16
8	Fri.	4	14 ·78	20 ·84	12	8	Thur.	4	2 ·27	27 ·25	15			4	4 ·95		
9	Sat.	5	**P** ·71	21 ·85	13	9	Fri.	5	3 ·17	1 ·18	16	8	Tues.	4	5 ·92	7 ·55	17
10	Sun.	6	1 ·67	22 ·83	14				4 ·07			9	Wed.	5	6 ·89	8 ·54	18
11	Mon.	7	2 ·60	23 ·80	15	10	Sat.	6	5 ·97	2 ·11	17	10	Thur.	6	7 ·88	9 ·55	19
12	Tues.	8	3 ·53	24 ·75	16					3 ·05		11	Fri.	7	8 ·90	10 ·58	20
13	Wed.	9	4 ·45	25 ·69	17	11	Sun.	7	6 ·89	4 ·99	18	12	Sat.	8	9 ·94	11 ·64	21
14	Thur.	10	5 ·35	26 ·64	18	12	Mon.	8	7 ·81	5 ·94	19	13	Sun.	9	:: ::	12 ·72	22
15	Fri.	11	6 ·24	27 ·57	19	13	Tues.	9	8 ·75	6 ·91	20	14	Mon.	10	10 ·00	13 ·80	23
16	Sat.	12	7 ·14	1 ·50	20	14	Wed.	10	9 ·71	7 ·90	21	15	Tues.	11	11 ·07	14 ·90	24
					H. 570 *Zi-l-hijja.*						H. 571 *Safar.*						H. 571 *Rabi-ul akhir.*
17	Sun.	13	8 ·04	2 ·43	21	15	Thur.	11	10 ·69	8 ·90	22	16	Wed.	12	12 ·16	... ...	25
			9 ·94			16	Fri.	12	11 ·68	9 ·92	23	17	Thur.	13	13 ·25	15 ·01	26
18	Mon.	14	10 ·85	3 ·37	22	17	Sat.	13	12 ·70	10 ·96	24	18	Fri.	14	14 ·34	16 ·13	27
19	Tues.	15	11 ·77	4 ·32	23	18	Sun.	14	13 ·73	... ...	25	19	Sat.	15	—**A** ·41	17 ·22	28
20	Wed.	16	12 ·71	5 ·28	24	19	Mon.	15	14 ·78	11 ·02	26	20	Sun.	16	1 ·45	18 ·31	—29
21	Thur.	17	13 ·66	6 ·25	25	20	Tues.	16	—**A** ·85	12 ·11	27	21	Mon.	17	2 ·52	19 ·38	1
22	Fri.	18	14 ·63	7 ·24	26	21	Wed.	17	1 ·94	13 ·20	28	22	Tues.	18	3 ·54	20 ·42	2
23	Sat.	19	—**A** ·63	8 ·25	27	22	Thur.	18	:: ...	14 ·31	—29	23	Wed.	19	4 ·54	21 ·46	3
24	Sun.	20	1 ·64	9 ·29	28	23	Fri.	19	2 ·03	15 ·41	1	24	Thur.	20	5 ·53	22 ·47	4
25	Mon.	21	2 ·67	10 ·34	—29	24	Sat.	20	3 ·11	16 ·52	2	25	Fri.	21	6 ·49	23 ·45	5
26	Tues.	22	3 ·72	11 ·41	1	25	Sun.	21	4 ·19	17 ·61	3	26	Sat.	22	7 ·44	24 ·43	6
27	Wed.	23	4 ·79	12 ·50	2	26	Mon.	22	5 ·25	18 ·70	4	27	Sun.	23	8 ·36	25 ·38	7
28	Thur.	24	5 ·87	13 ·60	3	27	Tues.	23	6 ·29	19 ·78	5	28	Mon.	24	9 ·28	26 ·34	8
29	Fri.	25	6 ·96	14 ·71	4	28	Wed.	24	7 ·32	20 ·79	6	—29	Tues.	25	10 ·19	27 ·27	9
30	Sat.	26	:: ...	15 ·82	5	29	Thur.	25	8 ·31	21 ·81	7	1	Wed.	26	11 ·10	1 ·20	10
—31	Sun.	27	7 ·04	16 ·92	6	30	Fri.	26	9 ·30	22 ·81	8				12 ·00		
1	Mon.	28	8 ·11	.. ...	7	—31	Sat.	27	10 ·26	23 ·80	9	2	Thur.	27	13 ·90	2 ·13	11
2	Tues.	29	9 ·17	17 ·02	8	1	Sun.	28	11 ·20	24 ·76	10	3	Fri.	28	14 ·80	3 ·06	12
3	Wed.	30	10 ·21	18 ·07	9	2	Mon.	29	12 ·12	25 ·71	11					4 ·00	
4	Thur.	31	11 ·23	19 ·13	10				13 ·04			4	Sat.	29	P ·72	5 ·95	13
						3	Tues.	30	14 ·95	26 ·65	12	5	Sun.	30	1 ·65	6 ·91	14
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	12 ·22	20 ·16	11	4	Wed.	1	**P** ·85	27 ·58	13	6	Mon.	1	2 ·59	7 ·88	15
6	Sat.	2	13 ·20	21 ·17	12	5	Thur.	2	1 ·75	1 ·52	14	7	Tues.	2	3 ·55	8 ·86	16
7	Sun.	3	14 ·16	22 ·16	13	6	Fri.	3	2 ·65	2 ·45	15	8	Wed.	3	4 ·53	9 ·87	17
8	Mon.	4	**P** ·10	23 ·13	14	7	Sat.	4	3 ·56	3 ·39	16	9	Thur.	4	5 ·53	10 ·91	18
			1 ·03			8	Sun.	5	4 ·47	4 ·32	17	10	Fri.	5	6 ·54	11 ·95	19
9	Tues.	5	2 ·95	24 ·09	15	9	Mon.	6	5 ·40	5 ·27	18	11	Sat.	6	7 ·59	.. ...	20
				25 ·04		10	Tues.	7	6 ·34	6 ·25	19	12	Sun.	7	8 ·64	12 ·02	21
10	Wed.	6	3 ·85	26 ·98	16	11	Wed.	8	7 ·29	7 ·22	20	13	Mon.	8	9 ·71	13 ·10	22
11	Thur.	7	4 ·74	27 ·91	17	12	Thur.	9	8 ·27	8 ·22	21	14	Tues.	9	10 ·80	14 ·20	23
12	Fri.	8	5 ·64	1 ·84	18	13	Fri.	10	9 ·26	9 ·23	22	15	Wed.	10	11 ·89	15 ·32	24
13	Sat.	9	6 ·54	2 ·77	19	14	Sat.	11	10 ·28	10 ·27	23	16	Thur.	11	12 ·98	16 ·42	25
14	Sun.	10	7 ·45	3 ·71	20	15	Sun.	12	11 ·32	11 ·33	24	17	Fri.	12	.. ...	17 ·52	26
15	Mon.	11	8 ·36	4 ·66	21	16	Mon.	13	12 ·38	12 ·41	25	18	Sat.	13	18 ·05	18 ·61	27
16	Tues.	12	9 ·28	5 ·61	22	17	Tues.	14	13 ·45	13 ·50	26	19	Sun.	14	14 ·11	19 ·68	28
17	Wed.	13	10 ·22	6 ·58	23	18	Wed.	15	14 ·53	14 ·61	27	20	Mon.	15	—**A** ·16	20 ·75	29
18	Thur.	14	11 ·17	7 ·56	24	19	Thur.	16	—**A** ·62	15 ·71	28	21	Tues.	16	1 ·18	21 ·78	—30
19	Fri.	15	12 ·14	8 ·58	25	20	Fri.	17	1 ·70	16 ·82	29	22	Wed.	17	2 ·18	22 ·79	1
20	Sat.	16	13 ·14	9 ·60	26	21	Sat.	18	2 ·78	17 ·92	—30	23	Thur.	18	3 ·17	23 ·78	2
21	Sun.	17	14 ·15	10 ·65	27	22	Sun.	19	3 ·84	... ...	1	24	Fri.	19	4 ·13	24 ·76	3
22	Mon.	18	—**A** ·19	11 ·71	28	23	Mon.	20	4 ·89	18 ·00	2	25	Sat.	20	5 ·07	25 ·71	4
23	Tues.	19	1 ·24	12 ·80	29	24	Tues.	21	5 ·91	19 ·07	3				6 ·00		
24	Wed.	20	2 ·31	13 ·91	—30	25	Wed.	22	6 ·90	20 ·11	4	26	Sun.	21	7 ·92	26 ·67	5
25	Thur.	21	3 ·39	... ...	1	26	Thur.	23	7 ·89	21 ·13	5	27	Mon.	22	8 ·83	27 ·61	6
26	Fri.	22	4 ·48	14 ·01	2	27	Fri.	24	8 ·85	22 ·14	6	28	Tues.	23	9 ·74	1 ·54	7
27	Sat.	23	5 ·58	15 ·12	3	28	Sat.	25	9 ·79	23 ·13	7	29	Wed.	24	10 ·64	2 ·47	8
28	Sun.	24	6 ·63	16 ·22	4	29	Sun.	26	10 ·72	24 ·09	8	—30	Thur.	25	11 ·54	3 ·40	9
29	Mon.	25	7 ·69	17 ·31	5					25 ·05		1	Fri.	26	12 ·45	4 ·34	10
30	Tues.	26	8 ·74	18 ·38	6	—30	Mon.	27	11 ·64	26 ·99	9	2	Sat.	27	13 ·37	5 ·28	11
—31	Wed.	27	9 ·76	19 ·44	7	1	Tues.	28	12 ·56	27 ·93	10	3	Sun.	28	14 ·30	6 ·24	12
1	Thur.	28	10 ·75	20 ·48	8	2	Wed.	29	13 ·46	1 ·86	11	4	Mon.	29	**P** ·24	7 ·20	13
2	Fri.	29	11 ·73	21 ·49	9	3	Thur.	30	14 ·36	2 ·79	12	5	Tues.	30	1 ·20	8 ·19	14
3	Sat.	30	12 ·69	22 ·48	10	4	Fri. ○	31	**KP** ·26	3 ·72	13	6	Wed.	31	2 ·17	9 ·20	15
4	Sun.	31	13 ·63	23 ·46	11												

Manmatha. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Manmatha.* **Simha—Śravani.** *Manmatha.* **Tulā—Aippaśi.** *Manmatha.* **Vṛśchika—Kārttigai.** *Manmatha.* **Dhanus—Mārgali.** *Manmatha.* **Kanyā—Puraṭṭāśi.** *Manmatha.* **Kumbha—Māsi.**

H. 571 *Rabi-ul awwal.* H. 571 *Jamāda'l awwal.* H. 571 *Jamāda'l akhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1176. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·28.** **Śaka 1098.** **Kaliyuga 4277.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·23.** **(S. Cycle) Durmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
7	Thur. 1	3 ·17	10 ·22	16	8	Mon. 1	4 ·67	15 ·21	17	8	Sat. 1	5 ·08	21 ·36	19
8	Fri. 2	4 ·19	11 ·26	17	9	Tues. 2	5 ·76	16 ·32	18	9	Sun. 2	6 ·10	22 ·40	20
9	Sat. 3	5 ·28	12 ·33	18	10	Wed. 3	6 ·84	17 ·43	19	10	Mon. 3	7 ·10	23 ·41	21
10	Sun. 4	6 ·29	13 ·41	19	11	Thur. 4	7 ·92	18 ·53	20	11	Tues. 4	8 ·07	24 ·41	22
11	Mon. 5	7 ·36	14 ·51	20	12	Fri. 5	8 ·98	19 ·61	21	12	Wed. 5	9 ·03	25 ·38	23
12	Tues. 6	8 ·44	15 ·62	21	13	Sat. 6	... ...	20 ·68	22			10 ·97		
13	Wed. 7	9 ·53	16 ·72	22	14	Sun. 7	9 ·02	21 ·73	23	13	Thur. 6	11 ·90	26 ·35	24
14	Thur. 8	10 ·62	17 ·82	23	15	Mon. 8	10 ·04	22 ·75	24	14	Fri. 7	12 ·80	27 ·30	25
15	Fri. 9	11 ·70	18 ·92	24	16	Tues. 9	11 ·03	23 ·77	25	15	Sat. 8	13 ·70	1 ·24	26
16	Sat. 10	12 ·76	... ...	25	17	Wed. 10	12 ·01	24 ·71	26	16	Sun. 9	14 ·60	2 ·17	27
17	Sun. 11	13 ·80	19 ·00	26			13 ·97			17	Mon. 10	—A ·50	3 ·10	28
18	Mon. 12	14 ·83	20 ·06	27	18	Thur. 11	14 ·92	25 ·72	27			1 ·40	4 ·03	
19	Tues. 13	—A ·83	21 ·10	28	19	Fri. 12	—A ·84	26 ·68	28	18	Tues. 11		5 ·97	—29
20	Wed. 14	1 ·81	22 ·11	—29	20	Sat. 13	1 ·76	27 ·62	—29	19	Wed. 12	2 ·30	6 ·91	1
21	Thur. 15	2 ·77	23 ·11	1	21	Sun. 14	2 ·66	1 ·56	1	20	Thur. 13	3 ·21	7 ·86	2
22	Fri. 16	3 ·71	24 ·09	2	22	Mon. 15	3 ·56	2 ·49	2	21	Fri. 14	4 ·13	8 ·83	3
23	Sat. 17	4 ·64	25 ·06	3	23	Tues. 16	4 ·45	3 ·42	3	22	Sat. 15	5 ·07	9 ·81	4
24	Sun. 18	5 ·56	26 ·01	4	24	Wed. 17	5 ·36	4 ·35	4	23	Sun. 16	6 ·03	10 ·82	5
			27 ·95		25	Thur. 18	6 ·27	5 ·29	5	24	Mon. 17	7 ·00	11 ·84	6
25	Mon. 19	6 ·47	1 ·88	5	26	Fri. 19	7 ·18	6 ·25	6			8 ·99		
26	Tues. 20	7 ·38	2 ·81	6	27	Sat. 20	8 ·11	7 ·20	7	25	Tues. 18	.. ...	12 ·88	7
27	Wed. 21	8 ·29	3 ·75	7	28	Sun. 21	9 ·05	8 ·17	8	26	Wed. 19	9 ·00	13 ·94	8
28	Thur. 22	9 ·19	4 ·68	8			10 ·01			27	Thur. 20	10 ·04	... ...	9
—29	Fri. 23	10 ·09	5 ·62	9	29	Mon. 22	11 ·97	9 ·16	9	28	Fri. 21	11 ·09	14 ·01	10
1	Sat. 24	11 ·00	6 ·57	10	—30	Tues. 23	12 ·94	10 ·17	10	29	Sat. 22	12 ·16	15 ·12	11
		12 ·92			1	Wed. 24	13 ·98	11 ·20	11	30	Sun. 23	13 ·24	16 ·22	12
2	Sun. 25	13 ·86	7 ·53	11	2	Thur. 25	.. ...	12 ·26	12	31	Mon. 24	14 ·32	17 ·33	13
3	Mon. 26	14 ·83	8 ·52	12	3	Fri. 26	14 ·01	13 ·33	13	—32	Tues. 25	P ·40	18 ·43	14
4	Tues. 27	P ·81	9 ·52	13	4	Sat. 27	P ·07	14 ·41	14	1	Wed. 26	1 ·47	19 ·53	15
5	Wed. 28	1 ·80	10 ·53	14	5	Sun. 28	1 ·14	15 ·51	15	2	Thur. 27	2 ·53	20 ·61	16
6	Thur. 29	2 ·82	11 ·57	15	6	Mon. 29	2 ·23	16 ·62	16	3	Fri. 28	3 ·56	21 ·67	17
7	Fri. 30	3 ·86	12 ·63	16	7	Tues. 30	3 ·31	17 ·73	17	4	Sat. 29	4 ·59	22 ·71	18
8	Sat. 31	4 ·91	13 ·72	17	8	Wed. 31	4 ·39	18 ·83	18	5	Sun. 30	5 ·58	23 ·73	19
										6	Mon. 31	6 ·56	24 ·73	20
	Feb.					**April.**					**June.**			
9	Sun. 1	5 ·99	14 ·81	18	9	Thur. 1	5 ·47	19 ·92	19	7	Tues. 1	7 ·51	25 ·71	21
10	Mon. 2	.. ...	15 ·91	19	10	Fri. 2	6 ·53	20 ·99	20	8	Wed. 2	8 ·45	26 ·69	22
11	Tues. 3	6 ·07	... ...	20	11	Sat. 3	7 ·57	... ..	21	9	Thur. 3	9 ·37	27 ·64	23
12	Wed. 4	7 ·16	16 ·02	21	12	Sun. 4	8 ·58	21 ·04	22	10	Fri. 4	10 ·28	1 ·58	24
13	Thur. 5	8 ·25	17 ·12	22	13	Mon. 5	9 ·58	22 ·08	23	11	Sat. 5	11 ·18	2 ·51	25
14	Fri. 6	9 ·33	18 ·22	23	14	Tues. 6	10 ·56	23 ·09	24	12	Sun. 6	12 ·08	3 ·44	26
15	Sat. 7	10 ·39	19 ·31	24	15	Wed. 7	11 ·51	24 ·08	25			13 ·98		
16	Sun. 8	11 ·43	20 ·37	25	16	Thur. 8	12 ·45	25 ·05	26	13	Mon. 7	14 ·88	4 ·38	27
17	Mon. 9	12 ·45	21 ·41	26	17	Fri. 9	13 ·38	26 ·01	27	14	Tues. 8	—A ·78	5 ·31	28
18	Tues. 10	13 ·44	22 ·43	27				27 ·97		15	Wed. 9	1 ·69	6 ·25	29
19	Wed. 11	14 ·43	23 ·43	28	18	Sat. 10	14 ·30	1 ·90	28	16	Thur. 10	2 ·61	7 ·20	—30
20	Thur. 12	—A ·39	24 ·42	29	19	Sun. ● 11	—A ·20	2 ·83	29	17	Fri. 11	3 ·55	8 ·16	1
21	Fri. 13	1 ·33	25 ·39	—30	20	Mon. 12	1 ·10	3 ·76	—30	18	Sat. 12	4 ·51	9 ·16	2
22	Sat. 14	2 ·26	26 ·34	1	21	Tues. 13	2 ·00	4 ·69	1	19	Sun. 13	5 ·49	10 ·14	3
23	Sun. 15	3 ·17	27 ·28	2			3 ·90			20	Mon. 14	6 ·47	11 ·15	4
24	Mon. 16	4 ·08	1 ·22	3	22	Wed. 14	4 ·80	5 ·64	2	21	Tues. 15	7 ·48	12 ·19	5
		5 ·98			23	Thur. 15	5 ·71	6 ·58	3	22	Wed. 16	8 ·52	13 ·24	6
25	Tues. 17	6 ·88	2 ·16	4	24	Fri. 16	6 ·64	7 ·53	4	23	Thur. 17	9 ·57	14 ·33	7
26	Wed. 18	7 ·79	3 ·09	5	25	Sat. 17	7 ·58	8 ·50	5	24	Fri. 18	10 ·64	15 ·42	8
27	Thur. 19	8 ·70	4 ·02	6	26	Sun. 18	8 ·53	9 ·48	6	25	Sat. 19	11 ·72	16 ·52	9
			5 ·95		27	Mon. 19	9 ·50	10 ·49	7	26	Sun. 20	12 ·81	17 ·63	10
28	Fri. 20	9 ·61	6 ·90	7	28	Tues. 20	10 ·50	11 ·52	8	27	Mon. 21	13 ·88	18 ·73	11
29	Sat. 21	10 ·53	7 ·87	8	29	Wed. 21	11 ·51	12 ·57	9	28	Tues. 22	14 ·95	19 ·84	12
—30	Sun. 22	11 ·47	8 ·85	9	30	Thur. 22	12 ·54	13 ·63	10	29	Wed. 23	.. ...	20 ·92	13
1	Mon. 23	12 ·43	9 ·84	10	—31	Fri. 23	13 ·60	14 ·71	11	30	Thur. 24	P ·01	21 ·98	14
2	Tues. 24	13 ·41	10 ·85	11	1	Sat. 24	14 ·67	15 ·81	12	—31	Fri. 25	1 ·04	.. ...	15
3	Wed. 25	14 ·40	11 ·88	12	2	Sun. ○ 25	P ·75	16 ·92	13	1	Sat. 26	2 ·07	22 ·03	16
4	Thur. 26	P ·42	12 ·95	13	3	Mon. 26	1 ·84	... ...	14	2	Sun. 27	3 ·06	23 ·05	17
5	Fri. 27	1 ·45	... ...	14	4	Tues. 27	2 ·92	17 ·03	15	3	Mon. 28	4 ·04	24 ·06	18
6	Sat. 28	2 ·51	13 ·02	15	5	Wed. 28	3 ·99	18 ·13	16			5 ·99		
7	Sun. 29	3 ·58	14 ·11	16	6	Thur. 29	..	19 ·22	17	4	Tues. 29	6 ·93	25 ·05	19
					7	Fri. 30	1 ·05	20 ·30	18	5	Wed. 30	7 ·85	26 ·02	20
													27 ·97	

Manmatha. **Makara—Tal.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* *H. 571 Jamāda'l ākhir.* *H. 571 Rajab.* *H. 571 Sha'bān.*

Manmatha. **Kumbha—Māgh.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Bahula.* **Vaisākha.** *Sukla.* *H. 571 Shawwāl.*

Durmukha. **Mēsha—Chittirai.** *Bahula.* **Vaisākha.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 571 Ramazān.*

Mannatha. **Mina—Paigruni.** *Bahula.* **Chaitra.** *Sukla.* **Vaisākha.** *Sukla.* *H. 571 Sha'bān.* *H. 571 Shawwāl.*

Durmukha. **Vrishabha—Vaigāsi.** *Bahula.* **Jyeshtha.** *Sukla.* **Āshādha.** *Sukla.* *H. 571 Zi-l-ka'da.*

Durmukha. **Mithuna—Āni.** *Bahula.* **Āshādha.** *Sukla.* *H. 571 Zi-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1176. **Kollam 352,** {**N. Malabar—Aug.** **Hijra 572.** **Vikrama 1233.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences July 10. **Bengal San. 582.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Thur. 1	8 ·76	1 ·91	21	5	Wed. 1	11 ·12	8 ·16	24	6	Mon. 1	13 ·23	15 ·94	26
7	Fri. 2	9 ·67	2 ·85	22	6	Thur. 2	12 ·06	9 ·18	25	7	Tues. 2	14 ·28	.. ...	27
8	Sat. 3	10 ·56	3 ·79	23	7	Fri. 3	13 ·02	10 ·11	26	8	Wed. 3	—A ·37	16 ·02	28
9	Sun. 4	11 ·46	4 ·72	24			14 ·99			9	Thur. 4	1 ·45	17 ·12	—29
10	Mon. 5	12 ·36	5 ·65	25	8	Sat. 4	—A ·99	11 ·11	27	10	Fri. 5	2 ·55	18 ·23	1
11	Tues. 6	13 ·26	6 ·59	26	9	Sun. 5	... ...	12 ·14	28	11	Sat. 6	3 ·63	19 ·34	2
12	Wed. 7	14 ·17	7 ·53	27	10	Mon. 6	1 ·00	13 ·18	—29	12	Sun. 7	4 ·70	20 ·44	3
13	Thur. 8	—A ·09	8 ·50	H. 571 Zi-l-hijja. 28	11	Tues. 7	2 ·04	14 ·24	1	13	Mon. 8	5 ·76	21 ·53	4
		1 ·03			12	Wed. 8	3 ·10	15 ·32	2	14	Tues. 9	6 ·81	22 ·60	5
14	Fri. 9	2 ·99	9 ·47	—29	13	Thur. 9	4 ·17	16 ·32	3	15	Wed. 10	7 ·83	23 ·64	6
15	Sat. 10	3 ·96	10 ·46	1	14	Fri. 10	5 ·26	17 ·58	4	16	Thur. 11	8 ·82	24 ·67	7
16	Sun. 11	4 ·93	11 ·47	2	15	Sat. 11	6 ·35	18 ·64	5	17	Fri. 12	9 ·81	25 ·68	8
17	Mon. 12	5 ·95	12 ·50	3	16	Sun. 12	7 ·43	19 ·74	6	18	Sat. 13	10 ·77	26 ·67	9
18	Tues. 13	... ...	13 ·56	4	17	Mon. 13	8 ·50	20 ·83	7	19	Sun. 14	11 ·71	27 ·64	10
19	Wed. 14	6 ·00	14 ·63	5	18	Tues. 14	9 ·55	21 ·91	8	20	Mon. 15	12 ·64	1 ·60	11
20	Thur. 15	7 ·05	15 ·72	6	19	Wed. 15	10 ·59	22 ·98	9	21	Tues. 16	13 ·56	2 ·54	12
21	Fri. 16	8 ·12	16 ·82	7	20	Thur. 16	11 ·61	... ...	10	22	Wed. 17	14 ·47	3 ·48	13
22	Sat. 17	9 ·20	17 ·92	8	21	Fri. 17	12 ·61	23 ·01	11	23	Thur. 18	P ·37	4 ·42	14
23	Sun. 18	10 ·29	... ...	9	22	Sat. 18	13 ·59	24 ·03	12	24	Fri. 19	1 ·27	5 ·35	15
24	Mon. 19	11 ·37	18 ·03	10	23	Sun. 19	14 ·55	25 ·03	13	25	Sat. 20	2 ·17	6 ·28	16
25	Tues. 20	12 ·44	19 ·14	11				26 ·01		26	Sun. 21	3 ·08	7 ·22	17
26	Wed. 21	13 ·49	20 ·22	12	24	Mon. 20	P ·49	27 ·98	14			4 ·00		
27	Thur. 22	14 ·53	21 ·29	13	25	Tues. 21	1 ·42	1 ·93	15	27	Mon. 22	5 ·92	8 ·16	18
28	Fri. 23	P ·55	22 ·34	14	26	Wed. 22	2 ·34	2 ·87	16	28	Tues. 23	6 ·86	9 ·18	19
29	Sat. 24	1 ·54	23 ·37	15	27	Thur. 23	3 ·24	3 ·80	17	29	Wed. 24	7 ·82	10 ·10	20
30	Sun. 25	2 ·52	24 ·30	16	28	Fri. 24	4 ·14	4 ·73	18	—30	Thur. 25	8 ·81	11 ·08	21
31	Mon. 26	3 ·48	25 ·38	17			5 ·04			1	Fri. 26	9 ·81	12 ·09	22
—32	Tues. 27	4 ·43	26 ·35	18	29	Sat. 25	6 ·94	5 ·67	19	2	Sat. 27	10 ·83	13 ·12	23
1	Wed. 28	5 ·35	27 ·31	19	—30	Sun. 26	7 ·85	6 ·61	20	3	Sun. 28	11 ·87	14 ·17	24
2	Thur. 29	6 ·26	1 ·25	20	1	Mon. 27	8 ·77	7 ·54	21	4	Mon. 29	12 ·93	15 ·24	25
3	Fri. 30	7 ·16	2 ·20	21	2	Tues. 28	9 ·69	8 ·49	22	5	Tues. 30	... ...	16 ·33	26
		8 ·06			3	Wed. 29	10 ·63	9 ·46	23					
4	Sat. 31	9 ·97	3 ·13	22	4	Thur. 30	11 ·59	10 ·43	24					
	Aug.					**Oct.**					**Dec.**			
			4 ·06		5	Fri. 1	12 ·56	11 ·44	25	6	Wed. 1	13 ·01	17 ·42	27
5	Sun. 1	10 ·85	5 ·99	23	6	Sat. 2	13 ·56	12 ·45	26	7	Thur. 2	14 ·09	18 ·52	28
6	Mon. 2	11 ·76	6 ·92	24	7	Sun. 3	14 ·58	13 ·49	27	8	Fri. 3	—A ·19	19 ·63	29
7	Tues. 3	12 ·67	7 ·87	25	8	Mon. 4	—A ·62	14 ·55	28	9	Sat. 4	1 ·27	20 ·75	—30
8	Wed. 4	13 ·59	8 ·83	26	9	Tues. 5	1 ·68	15 ·62	29	10	Sun. 5	2 ·35	21 ·83	1
9	Thur. 5	14 ·52	9 ·80	27	10	Wed. 6	2 ·75	16 ·72	—30	11	Mon. 6	3 ·41	22 ·91	2
10	Fri. 6	—A ·48	10 ·78	28	11	Thur. 7	3 ·83	17 ·83	1	12	Tues. 7	4 ·45	23 ·96	3
11	Sat. 7	1 ·46	11 ·79	29	12	Fri. 8	4 ·92	18 ·93	2	13	Wed. 8	5 ·47	24 ·99	4
12	Sun. 8	2 ·45	12 ·82	—30	13	Sat. 9	... ...	... ...	3	14	Thur. 9	6 ·47	... ...	5
13	Mon. 9	3 ·47	13 ·87	1	14	Sun. 10	5 ·01	19 ·04	4	15	Fri. 10	7 ·46	25 ·01	6
14	Tues. 10	4 ·51	14 ·94	2	15	Mon. 11	6 ·09	20 ·13	5	16	Sat. 11	8 ·42	26 ·00	7
15	Wed. 11	5 ·56	.. ...	3	16	Tues. 12	7 ·15	21 ·22	6				27 ·98	
16	Thur. 12	6 ·63	15 ·04	4	17	Wed. 13	8 ·19	22 ·29	7	17	Sun. 12	9 ·36	1 ·93	8
17	Fri. 13	7 ·72	16 ·12	5	18	Thur. 14	9 ·20	23 ·33	8	18	Mon. 13	10 ·29	2 ·88	9
18	Sat. 14	8 ·80	17 ·22	6	19	Fri. 15	10 ·20	24 ·35	9	19	Tues. 14	11 ·20	3 ·83	10
19	Sun. 15	9 ·88	18 ·34	7	20	Sat. 16	11 ·18	25 ·35	10	20	Wed. 15	12 ·11	4 ·76	11
20	Mon. 16	10 ·94	19 ·44	8	21	Sun. 17	12 ·14	26 ·34	11	21	Thur. 16	13 ·01	5 ·69	12
21	Tues. 17	... ..	20 ·53	9	22	Mon. 18	13 ·09	27 ·31	12			14 ·91		
22	Wed. 18	11 ·00	21 ·60	10	23	Tues. ○ 19	14 ·02	1 ·27	13	22	Fri. 17	P ·81	6 ·62	13
23	Thur. 19	12 ·05	22 ·66	11			P ·93			23	Sat. 18	1 ·72	7 ·55	14
24	Fri. 20	13 ·07	23 ·70	12	24	Wed. 20	1 ·83	2 ·21	14	24	Sun. 19	2 ·64	8 ·50	15
25	Sat. 21	14 ·06	24 ·71	13	25	Thur. 21	2 ·73	3 ·14	15	25	Mon. 20	3 ·57	9 ·46	16
		P ·04			26	Fri. 22	3 ·63	4 ·07	16	26	Tues. 21	4 ·51	10 ·42	17
26	Sun. 22	1 ·99	25 ·70	14				5 ·01		27	Wed. 22	5 ·47	11 ·41	18
27	Mon. 23	2 ·93	26 ·68	15	27	Sat. 23	4 ·54	6 ·94	17	28	Thur. 23	6 ·46	12 ·41	19
28	Tues. 24	3 ·86	27 ·64	16	28	Sun. 24	5 ·45	7 ·88	18	29	Fri. 24	7 ·45	13 ·44	20
29	Wed. 25	4 ·78	1 ·60	17	29	Mon. 25	6 ·37	8 ·83	19	1	Sat. 25	8 ·47	14 ·48	21
30	Thur. 26	5 ·68	2 ·53	18	—30	Tues. 26	7 ·29	9 ·78	20	2	Sun. 26	9 ·51	15 ·55	22
—31	Fri. 27	6 ·58	3 ·47	19	1	Wed. 27	8 ·23	10 ·77	21	3	Mon. 27	10 ·58	16 ·63	23
1	Sat 28	7 ·48	4 ·40	20	2	Thur. 28	9 ·19	11 ·76	22	4	Tues. 28	11 ·66	17 ·72	24
2	Sun. 29	8 ·38	5 ·32	21	3	Fri. 29	10 ·17	12 ·77	23	5	Wed. 29	12 ·74	18 ·83	25
3	Mon. 30	9 ·29	6 ·27	22	4	Sat. 30	11 ·17	13 ·80	24	6	Thur. 30	13 ·83	19 ·94	26
4	Tues. 31	10 ·20	7 ·21	23	5	Sun. 31	12 ·18	14 ·85	25	7	Fri. 31	14 ·91	.. ...	27

Durmukha. **Karkataka—Ādi.** *Sukla.* *Bahula.* **Śrāvana.** *H. 571 Muharram.* *Durmukha.* **Kanyā—Purattāsi.** *Sukla.* *Bahula.* *H. 572 Rabi-ul awwal.* *Durmukha.* **Vriśchika—Kārttigai.** *Sukla.* *Bahula.* *H. 572 Jamāda'l awwal.*

Durmukha. **Simha—Āvani.** *Sukla.* *Bahula.* **Bhādrapada.** *H. 572 Safar.* *Durmukha.* **Tulā—Aippasi.** *Sukla.* *Bahula.* **Kārttika.** *H. 572 Rabi-ul ākhir.* *Durmukha.* **Dhanus—Mārgali.** *Sukla.* *Bahula.* **Pausha.** *H. 572 Jamāda'l ākhir.*

Durmukha. **Makara—Tai.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1177. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·54.** **Śaka 1099.** **Kaliyuga 4278.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·49.** **(S. Cycle) Hemalamba.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	—A ·99	20 ·05	28	8	Tues. 1	14 ·33	25 ·97	28	8	Sun. 1	1 ·11	4 ·46	1
9	Sun. 2	:: ...	21 ·14	—29	9	Wed. 2	—A ·33	26 ·98	—29	9	Mon. 2	2 ·02	5 ·39	2
10	Mon. 3	1 ·05	22 ·21	1	10	Thur. 3	1 ·31	27 ·97	1			3 ·91		
11	Tues. 4	2 ·10	23 ·27	2	11	Fri. 4	2 ·27	1 ·94	2	10	Tues. 3	4 ·81	6 ·32	3
12	Wed. 5	3 ·11	24 ·32	3	12	Sat. 5	3 ·21	2 ·90	3	11	Wed. 4	5 ·71	7 ·25	4
13	Thur. 6	4 ·11	25 ·33	4	13	Sun. 6	4 ·14	3 ·84	4	12	Thur. 5	6 ·62	8 ·18	5
14	Fri. 7	5 ·10	26 ·33	5	14	Mon. 7	5 ·05	4 ·77	5	13	Fri. 6	7 ·53	9 ·13	6
15	Sat. 8	6 ·05 / 7 ·99	27 ·31	6	15	Tues. 8	6 ·96 / 7 ·86	5 ·70	6	14	Sat. 7	8 ·45	10 ·08	7
16	Sun. 9	8 ·92	1 ·27	7	16	Wed. 9	8 ·76	6 ·64	7	15	Sun. 8	9 ·39	11 ·05	8
17	Mon. 10	9 ·84	2 ·23	8	17	Thur. 10	9 ·68	7 ·57	8	16	Mon. 9	10 ·34	12 ·03	9
18	Tues. 11	10 ·75	3 ·17	9	18	Fri. 11	10 ·56	8 ·51	9	17	Tues. 10	11 ·32	13 ·03	10
19	Wed. 12	11 ·65	4 ·10	10	19	Sat. 12	11 ·48	9 ·46	10	18	Wed. 11	12 ·31	14 ·06	11
20	Thur. 13	12 ·55	5 ·03 / 6 ·96	11	20	Sun. 13	12 ·41	10 ·41	11	19	Thur. 12	13 ·34	15 ·10	12
21	Fri. 14	13 ·45	7 ·90	12	21	Mon. 14	13 ·35	11 ·39	12	20	Fri. 13	14 ·38	16 ·16	13
22	Sat. 15	14 ·36	8 ·84	13	22	Tues. 15	14 ·30	12 ·38	13	21	Sat. 14	P ·43	17 ·23	14
23	Sun. 16	P ·28	9 ·79	14	23	Wed. 16	P ·28	13 ·39	14	22	Sun. 15	1 ·49	18 ·33	15
24	Mon. 17	1 ·21	10 ·75	15	24	Thur. 17	1 ·28	14 ·42	15	23	Mon. 16	2 ·57	19 ·43	16
25	Tues. 18	2 ·15	11 ·73	16	25	Fri. 18	2 ·29	15 ·47	16	24	Tues. 17	3 ·66	20 ·55	17
26	Wed. 19	3 ·11	12 ·73	17	26	Sat. 19	3 ·33	16 ·55	17	25	Wed. 18	4 ·74	21 ·65	18
27	Thur. 20	4 ·09	13 ·76	18	27	Sun. 20	4 ·39	17 ·63	18	26	Thur. 19	5 ·81	22 ·75	19
28	Fri. 21	5 ·09	14 ·79	19	28	Mon. 21	5 ·47	18 ·73	19	27	Fri. 20	6 ·86	23 ·82	20
29	Sat. 22	6 ·11	15 ·85	20	29	Tues. 22	6 ·55	19 ·84	20	28	Sat. 21	7 ·90	24 ·88	21
1	Sun. 23	7 ·15	16 ·93	21	—30	Wed. 23	7 ·63	20 ·95	21	29	Sun. 22	8 ·91	25 ·93	22
2	Mon. 24	8 ·21	:: ...	22	1	Thur. 24	8 ·71	:: ...	22	30	Mon. 23	9 ·90	26 ·95	23
3	Tues. 25	9 ·28	17 ·02	23	2	Fri. 25	9 ·78	21 ·05	23	31	Tues. 24	10 ·88	27 ·95	24
4	Wed. 26	10 ·37	18 ·13	24	3	Sat. 26	10 ·84	22 ·14	24	—32	Wed. 25	11 ·83	1 ·93	25
5	Thur. 27	11 ·46	19 ·24	25	4	Sun. 27	11 ·88	23 ·21	25	1	Thur. 26	12 ·77	2 ·90	26
6	Fri. 28	12 ·55	20 ·34	26	5	Mon. 28	12 ·90	24 ·26	26	2	Fri. 27	13 ·69	3 ·86	27
7	Sat. 29	13 ·62	21 ·44	27	6	Tues. 29	13 ·89	25 ·29	27	3	Sat. 28	14 ·60	4 ·80	28
8	Sun. 30	14 ·68	22 ·52	28	7	Wed. 30	14 ·87	26 ·30	28	4	Sun. 29	—A ·50	5 ·73	29
9	Mon. 31	—A ·73	23 ·59	29	8	Thur. 31	—A ·82	27 ·30	29	5	Mon. 30	1 ·40	6 ·66	—30
	Feb.					**April.**				6	Tues. 31	2 ·30	7 ·59	1
10	Tues. 1	1 ·74	24 ·63	—30	9	Fri. 1	1 ·76	1 ·27	—30		**June.**			
11	Wed. 2	2 ·74	25 ·65	1	10	Sat. 2	2 ·69	2 ·23	1	7	Wed. 1	3 ·20	8 ·53	2
12	Thur. 3	3 ·72	26 ·65	2	11	Sun. 3	3 ·60	3 ·18	2	8	Thur. 2	4 ·10	9 ·47	3
13	Fri. 4	4 ·68	27 ·63	3	12	Mon. 4	4 ·50	4 ·11	3	9	Fri. 3	5 ·01 / 6 ·93	10 ·42	4
14	Sat. 5	5 ·62	1 ·61	4	13	Tues. 5	5 ·40	5 ·05 / 6 ·98	4	10	Sat. 4	7 ·87	11 ·38	5
15	Sun. 6	6 ·54	2 ·56	5						11	Sun. 5	8 ·83	12 ·35	6
16	Mon. 7	7 ·46	3 ·50	6	14	Wed. 6	6 ·30	7 ·91	5	12	Mon. 6	9 ·80	13 ·36	7
17	Tues. 8	8 ·37	4 ·44	7	15	Thur. 7	7 ·20	8 ·85	6	13	Tues. 7	10 ·79	14 ·37	8
18	Wed. 9	9 ·27	5 ·37	8	16	Fri. 8	8 ·10	9 ·79	7	14	Wed. 8	11 ·82	15 ·41	9
19	Thur. 10	10 ·17	6 ·30	9	17	Sat. 9	9 ·02 / 10 ·95	10 ·75	8	15	Thur. 9	12 ·85	16 ·46	10
20	Fri. 11	11 ·07 / 12 ·98	7 ·24	10	18	Sun. 10	11 ·89	11 ·72	9	16	Fri. 10	13 ·91	17 ·54	11
21	Sat. 12	13 ·89	8 ·17	11	19	Mon. 11	12 ·84	12 ·70	10	17	Sat. 11	14 ·98	18 ·63	12
22	Sun. 13	14 ·82	9 ·12	12	20	Tues. 12	13 ·82	13 ·71	11	18	Sun. 12	:: ...	19 ·74	13
23	Mon. 14	P ·76	10 ·08	13	21	Wed. 13	14 ·81	14 ·73	12	19	Mon. 13	P ·06	20 ·85	14
24	Tues. 15	1 ·72	11 ·06	14	22	Thur. 14	P ·83	15 ·79	13	20	Tues. 14	1 ·14	21 ·95	15
25	Wed. 16	2 ·70	12 ·06	15	23	Fri. 15	1 ·87	16 ·85	14	21	Wed. 15	2 ·22	:: ...	16
26	Thur. 17	3 ·70	13 ·07	16	24	Sat. 16	2 ·92	17 ·93	15	22	Thur. 16	3 ·29	22 ·05	17
27	Fri. 18	4 ·72	14 ·10	17	25	Sun. 17	3 ·99	... ...	16	23	Fri. 17	4 ·34	23 ·13	18
28	Sat. 19	5 ·77	15 ·16	18	26	Mon. 18	... ...	18 ·03	17	24	Sat. 18	5 ·38	24 ·20	19
29	Sun. 20	6 ·82	16 ·23	19	27	Tues. 19	4 ·07	19 ·13	18	25	Sun. 19	6 ·39	25 ·25	20
—30	Mon. 21	7 ·89	17 ·33	20	28	Wed. 20	5 ·16	20 ·25	19	26	Mon. 20	7 ·38	26 ·27	21
1	Tues. 22	8 ·98	18 ·43	21	29	Thur. 21	6 ·24	21 ·35	20	27	Tues. 21	8 ·35	27 ·28	22
2	Wed. 23	:: ...	19 ·54	22	30	Fri. 22	7 ·31	22 ·44	21	28	Wed. 22	9 ·31	1 ·26	23
3	Thur. 24	9 ·07	20 ·64	23	—31	Sat. 23	8 ·38	23 ·52	22	29	Thur. 23	10 ·24	2 ·24	24
4	Fri. 25	10 ·15	21 ·74	24	1	Sun. 24	9 ·40	24 ·57	23	30	Fri. 24	11 ·16	3 ·19	25
5	Sat. 26	11 ·22	22 ·83	25	2	Mon. 25	10 ·42	25 ·61	24	—31	Sat. 25	12 ·08 / 13 ·98	4 ·13	26
6	Sun. 27	12 ·28	23 ·90	26	3	Tues. 26	11 ·41	26 ·63	25	1	Sun. 26	14 ·88	5 ·07	27
7	Mon. 28	13 ·32	24 ·95	27	4	Wed. 27	12 ·39	27 ·63	26	2	Mon. 27	—A ·78	6 ·00 / 7 ·94	28
					5	Thur. 28	13 ·35	1 ·60	27					
					6	Fri. 29	14 ·28	2 ·56	28	3	Tues. 28	1 ·68	8 ·87	29
					7	Sat. 30	—A ·20	3 ·51	—29	4	Wed. 29	2 ·58	9 ·80	—30
										5	Thur. 30	3 ·49	10 ·75	1

Durmukha. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H. 572 Rajab.*

Durmukha. **Kumbha—Māgh.** *Sukla.* **Phālguna.** *Bahula.* *H. 572 Sha'bān.*

Hemalamba. **Mēsha—Chittirai.** *Sukla.* **Vaisākha.** *Bahula.* *H. 572 Shawwāl.*

Hemalamba. **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H. 572 Zi-l-ka'da.*

Hemalamba. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H. 572 Zi-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1177. **Kollam 353,** { **N. Malabar—Aug.** **Hijra 573.** **Vikrama 1234.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 30.** **Bengal San. 583.**
P—Paurnimā. **(N. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Fri.	1	4 ·41	11 ·71	2	5	Thur.	1	*Sukla.* 7 ·41	18 ·54	5	6	Tues.	1	*Sukla.*	24 ·74	7
7	Sat.	2	5 ·35	12 ·68	3	6	Fri.	2	8 ·49	19 ·64	6	7	Wed.	2	9 ·06	25 ·82	8
8	Sun.	3	*Sukla.* 6 ·31	13 ·68	4	7	Sat.	3	9 ·57	20 ·74	7	8	Thur.	3	10 ·10	26 ·86	9
9	Mon.	4	7 ·28	14 ·69	5	8	Sun.	4	10 ·66	21 ·86	8	9	Fri.	4	11 ·11	27 ·89	10
10	Tues.	5	8 ·28	15 ·72	6	9	Mon.	5	11 ·74	22 ·96	9	10	Sat.	5	12 ·11	1 ·90	11
11	Wed.	6	9 ·30	16 ·77	7	10	Tues.	6	12 ·81	... ...	10	11	Sun.	6	13 ·09	2 ·88	12
12	Thur.	7	10 ·33	17 ·84	8	11	Wed.	7	13 ·87	23 ·05	11	12	Mon.	7	14 ·05	3 ·86	13
13	Fri.	8	11 ·39	18 ·94	9	12	Thur.	8	14 ·90	24 ·13	12				P ·99		
14	Sat.	9	12 ·46	.. ...	10	13	Fri.	9	P ·92	25 ·19	13	13	Tues.	8	1 ·91	4 ·82	14
15	Sun.	10	13 ·54	19 ·04	11	14	Sat.	10	1 ·91	26 ·24	14	14	Wed.	9	2 ·83	5 ·76	15
16	Mon.	11	14 ·62	20 ·14	12	15	Sun.	11	2 ·89	27 ·25	15	15	Thur.	10	3 ·74	6 ·70	16
17	Tues.	12	P ·70	21 ·25	13	16	Mon.	12	3 ·85	1 ·25	16	16	Fri.	11	4 ·65	7 ·63	17
18	Wed.	13	1 ·77	22 ·35	14	17	Tues.	13	4 ·78	2 ·23	17	17	Sat.	12	5 ·55	8 ·57	18
19	Thur.	14	2 ·82	23 ·44	15	18	Wed.	14	5 ·71	3 ·19	18	18	Sun.	13	6 ·45	9 ·50	19
20	Fri.	15	3 ·86	24 ·51	16	19	Thur.	15	6 ·62	4 ·14	19	19	Mon.	14	7 ·36	10 ·44	20
21	Sat.	16	4 ·87	25 ·56	17	20	Fri.	16	7 ·53	5 ·09	20	20	Tues.	15	8 ·27	11 ·38	21
22	Sun.	17	5 ·87	26 ·59	18	21	Sat.	17	*Bahula.* 8 ·43	6 ·02	21	21	Wed.	16	9 ·20	12 ·34	22
23	Mon.	18	6 ·84	27 ·60	19					7 ·95		22	Thur.	17	10 ·15	13 ·32	23
24	Tues.	19	7 ·80	1 ·60	20	22	Sun.	18	9 ·33	8 ·88	22	23	Fri.	18	11 ·11	14 ·30	24
25	Wed.	20	8 ·73	2 ·57	21	23	Mon.	19	10 ·28	9 ·81	23	24	Sat.	19	12 ·09	15 ·31	25
26	Thur.	21	9 ·66	3 ·52	22	24	Tues.	20	11 ·14	10 ·76	24	25	Sun.	20	13 ·10	16 ·34	26
27	Fri.	22	10 ·57	4 ·47	23	25	Wed.	21	12 ·06	11 ·71	25	26	Mon.	21	14 ·12	17 ·33	27
28	Sat.	23	11 ·47	5 ·41	24				13 ·99			27	Tues.	22	A ·16	18 ·45	28
29	Sun.	24	12 ·37	6 ·35	25	26	Thur.	22	14 ·93	12 ·67	26	28	Wed.	23	1 ·22	19 ·55	29
30	Mon.	25	13 ·27	7 ·28	26	27	Fri.	23	A ·88	13 ·65	27	29	Thur.	24	2 ·30	20 ·65	30
31	Tues.	26	14 ·17	8 ·21	27	28	Sat.	24	1 ·87	14 ·65	28	30	Fri.	25	3 ·39	21 ·75	1
32	Wed.	27	A ·07	9 ·14	28	29	Sun.	25	2 ·86	15 ·67	29	1	Sat.	26	4 ·48	22 ·86	2
			1 ·98			30	Mon.	26	3 ·89	16 ·71	30	2	Sun.	27	5 ·56	23 ·96	3
1	Thur.	28	2 ·90	10 ·08	29	1	Tues.	27	4 ·92	17 ·77	1	3	Mon.	28	6 ·63	... ...	4
2	Fri.	29	3 ·84	11 ·04	30	2	Wed.	28	5 ·98	18 ·84	2	4	Tues.	29	7 ·69	24 ·05	5
3	Sat.	30	4 ·80	12 ·02	1	3	Thur.	29	... ...	19 ·94	3	5	Wed.	30	8 ·74	25 ·13	6
4	Sun.	31	5 ·77	13 ·00	2	4	Fri.	30	6 ·06	... ...	4						
	Aug.						**Oct.**						**Dec.**				
5	Mon.	1	*Sukla.* 6 ·77	14 ·01	3	5	Sat.	1	*Sukla.* 7 ·14	20 ·05	5	6	Thur.	1	9 ·75	26 ·18	7
6	Tues.	2	7 ·79	15 ·03	4	6	Sun.	2	8 ·23	21 ·15	6	7	Fri.	2	10 ·75	27 ·21	8
7	Wed.	3	8 ·83	16 ·08	5	7	Mon.	3	9 ·31	22 ·26	7	8	Sat.	3	11 ·73	1 ·22	9
8	Thur.	4	9 ·89	17 ·16	6	8	Tues.	4	10 ·39	23 ·35	8	9	Sun.	4	12 ·69	2 ·22	10
9	Fri.	5	10 ·96	18 ·24	7	9	Wed.	5	11 ·45	24 ·43	9	10	Mon.	5	13 ·63	3 ·20	11
10	Sat.	6	... ...	19 ·34	8	10	Thur.	6	12 ·49	25 ·50	10	11	Tues.	6	14 ·55	4 ·15	12
11	Sun.	7	11 ·04	20 ·44	9	11	Fri.	7	13 ·50	26 ·55	11	12	Wed.	7	P ·47	5 ·10	13
12	Mon.	8	12 ·12	21 ·55	10	12	Sat.	8	14 ·49	27 ·57	12	13	Thur.	8	1 ·38	6 ·04	14
13	Tues.	9	13 ·20	22 ·66	11	13	Sun.	9	P ·47	1 ·57	13					7 ·98	
14	Wed.	10	14 ·27	23 ·75	12	14	Mon.	10	1 ·43	2 ·56	14	14	Fri.	9	2 ·29	8 ·91	15
15	Thur.	11	P ·33	24 ·82	13	15	Tues.	11	2 ·37	3 ·52	15	15	Sat.	10	3 ·20	9 ·84	16
16	Fri.	12	1 ·36	25 ·83	14	16	Wed.	12	3 ·30	4 ·49	16	16	Sun.	11	4 ·10	10 ·77	17
17	Sat.	13	2 ·38	26 ·91	15	17	Thur.	13	4 ·22	5 ·43	17	17	Mon.	12	5 ·00	11 ·71	18
18	Sun.	14	3 ·37	27 ·93	16	18	Fri.	14	5 ·12	6 ·36	18				6 ·92		
19	Mon.	15	4 ·34	1 ·92	17	19	Sat.	15	*Bahula.* 6 ·02	7 ·29	19	18	Tues.	13	*Bahula.* 7 ·85	12 ·67	19
20	Tues.	16	5 ·30	2 ·90	18				7 ·92			19	Wed.	14	8 ·79	13 ·64	20
21	Wed.	17	6 ·24	3 ·86	19	20	Sun.	16	8 ·83	8 ·22	20	20	Thur.	15	9 ·75	14 ·63	21
22	Thur.	18	7 ·17	4 ·81	20	21	Mon.	17	9 ·74	9 ·16	21	21	Fri.	16	10 ·74	15 ·63	22
23	Fri.	19	8 ·08	5 ·74	21	22	Tues.	18	10 ·65	10 ·10	22	22	Sat.	17	11 ·74	16 ·65	23
			9 ·98			23	Wed.	19	11 ·58	11 ·05	23	23	Sun.	18	12 ·76	17 ·70	24
24	Sat.	20	10 ·88	6 ·68	22	24	Thur.	20	12 ·52	12 ·00	24	24	Mon.	19	13 ·81	18 ·77	25
25	Sun.	21	11 ·78	7 ·61	23					13 ·98		25	Tues.	20	14 ·87	19 ·85	26
26	Mon.	22	12 ·68	8 ·54	24	25	Fri.	21	13 ·48	14 ·98	25	26	Wed.	21	A ·94	20 ·94	27
27	Tues.	23	13 ·58	9 ·43	25	26	Sat.	22	14 ·47	15 ·99	26	27	Thur.	22	... ..	... ...	28
28	Wed.	24	14 ·50	10 ·42	26	27	Sun.	23	A ·46	... ...	27	28	Fri.	23	1 ·03	21 ·04	29
29	Thur.	25	A ·43	11 ·38	27	28	Mon.	24	1 ·49	16 ·02	28	29	Sat.	24	2 ·12	22 ·15	1
30	Fri.	26	1 ·37	12 ·35	28	29	Tues.	25	2 ·53	17 ·07	29	1	Sun.	25	3 ·21	23 ·27	2
31	Sat.	27	2 ·33	13 ·33	29	30	Wed.	26	3 ·59	18 ·15	1	2	Mon.	26	4 ·29	24 ·36	3
1	Sun.	28	3 ·31	14 ·33	1	1	Thur.	27	4 ·67	19 ·24	2	3	Tues.	27	5 ·35	25 ·43	4
2	Mon.	29	4 ·30	15 ·35	2	2	Fri.	28	5 ·76	20 ·34	3	4	Wed.	28	6 ·38	26 ·49	5
3	Tues.	30	5 ·32	16 ·40	3	3	Sat.	29	6 ·84	21 ·45	4	5	Thur.	29	7 ·40	27 ·53	6
4	Wed.	31	6 ·36	17 ·46	4	4	Sun.	30	7 ·92	22 ·56	5	6	Fri.	30	8 ·40	1 ·55	7
						5	Mon.	31	8 ·99	23 ·66	6	7	Sat.	31	9 ·37	2 ·55	8

Hemalamba. **Karkataka—Ādi.** *Sukla.* **Adhika Śrāvana.** *Bahula.* **Nija Śrāvana.** *Sukla.* *Hemalamba.* **Simha—Avani.** *Bahula.* *Hemalamba.* **Kanyā—Purattāśi.** *Sukla.* **Bhādrapada.** *Bahula.* *Hemalamba.* **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* *Hemalamba.* **Vṛśchika—Kārttigai.** *Sukla.* **Kārttika.** *Bahula.* *Hemalamba.* **Dhanus—Mārgali.** *Sukla.* **Mārgaśirsha.** *Bahula.* *Hemalamba* **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.*

H. 573 *Muharram.* *H.* 573 *Safar.* *H.* 573 *Rabī-ul awwal.* *H.* 573 *Rabī-ul ākhir.* *H.* 573 *Jamāda'l awwal.* *H.* 573 *Jamāda'l ākhir.* *H.* 573 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1178. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.) **Śaka 1100.** **Kaliyuga 4279.**
Solar Eclipse. ● **(Surya Sid.) March 24·80.** **(S. Cycle) Vilamba.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·75.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Hemalamba. **Makara—Tai.**					*Hemlamba.* **Mīna—Pāṅguni.**					*Vilamba.* **Vrishabha—Vaigāśi.**				
8	Sun. 1	10 ·38	3 ·52	9	8	Wed. 1	10 ·25	8 ·92	9	7	Mon. 1	13 ·71	14 ·27	11
9	Mon. 2	11 ·27	4 ·49	10	9	Thur. 2	11 ·15	9 ·85	10	8	Tues. 2	14 ·66	15 ·25	12
10	Tues. 3	12 ·20	5 ·44	11	10	Fri. 3	12 ·05 / 13 ·95	10 ·79	11	9	Wed. 3	P ·64	16 ·25	13
11	Wed. 4	13 ·12	6 ·38	12	11	Sat. 4	14 ·86	11 ·73	12	10	Thur. 4	1 ·64	17 ·27	14
12	Thur. 5	14 ·03 / P ·93	7 ·32	13	12	Sun. ○ 5	P ·78	12 ·67	13	11	Fri. 5	2 ·66	18 ·32	15
13	Fri. 6	1 ·88	8 ·25	14	13	Mon. 6	1 ·71	13 ·63	14	12	Sat. 6	3 ·70	19 ·38	16
14	Sat. 7	2 ·74	9 ·18	15	14	Tues. 7	2 ·65	14 ·60	15	13	Sun. 7	4 ·75	20 ·46	17
15	Sun. 8	3 ·65	10 ·11	16	15	Wed. 8	3 ·60	15 ·60	16	14	Mon. 8	5 ·82	21 ·55	18
16	Mon. 9	4 ·57	11 ·06	17	16	Thur. 9	4 ·59	16 ·61	17	15	Tues. 9	6 ·91	22 ·65	19
			12 ·01		17	Fri. 10	5 ·58	17 ·64	18	16	Wed. 10	7 ·99	23 ·77	20
17	Tues. 10	5 ·50	13 ·97	18	18	Sat. 11	6 ·61	18 ·69	19	17	Thur. 11	... ...	24 ·87	21
18	Wed. 11	6 ·44	14 ·95	19	19	Sun. 12	7 ·65	19 ·76	20	18	Fri. 12	8 ·07	25 ·97	22
19	Thur. 12	7 ·39	15 ·95	20	20	Mon. 13	8 ·71	20 ·85	21	19	Sat. 13	9 ·14	... ...	23
20	Fri. 13	8 ·38	16 ·98	21	21	Tues. 14	9 ·78	21 ·95	22	20	Sun. 14	10 ·20	26 ·04	24
21	Sat. 14	9 ·38	... ...	22	22	Wed. 15	10 ·86	... ...	23	21	Mon. 15	11 ·22	27 ·10	25
22	Sun. 15	10 ·40	17 ·01	23	23	Thur. 16	11 ·96	22 ·06	24	22	Tues. 16	12 ·23	1 ·14	26
23	Mon. 16	11 ·45	18 ·07	24	24	Fri. 17	... ...	23 ·16	25	23	Wed. 17	13 ·23	2 ·17	27
24	Tues. 17	12 ·51	19 ·15	25	25	Sat. 18	12 ·04	24 ·26	26	24	Thur. 18	14 ·20	3 ·17	28
25	Wed. 18	13 ·59	20 ·24	26	26	Sun. 19	13 ·11	25 ·36	27	25	Fri. 19	—A ·15	4 ·15	29
26	Thur. 19	14 ·67	21 ·35	27	27	Mon. 20	14 ·16	26 ·43	28	26	Sat. 20	1 ·09	5 ·11	—30
27	Fri. 20	—A ·76	22 ·46	28	28	Tues. ● 21	—A ·20	27 ·48	29	27	Sun. 21	2 ·01 / 3 ·92	6 ·07	1
28	Sat. 21	1 ·85	23 ·57	29	29	Wed. 22	1 ·21	1 ·51	—30	28	Mon. 22	4 ·82	7 ·02 / 8 ·95	2
29	Sun. 22	2 ·92	24 ·66	—30	30	Thur. 23	2 ·21	2 ·62	1	29	Tues. 23	5 ·72	9 ·88	3
—30	Mon. 23	3 ·98	25 ·74	1	—31	Fri. 24	3 ·17	3 ·52	2	30	Wed. 24	6 ·62	10 ·81	4
1	Tues. 24	... ...	26 ·80	2	1	Sat. 25	4 ·13	4 ·49	3	—31	Thur. 25	7 ·52	11 ·74	5
2	Wed. 25	4 ·01	27 ·85	3	2	Sun. 26	5 ·06 / 6 ·99	5 ·45	4	1	Fri. 26	8 ·43	12 ·69	6
3	Thur. 26	5 ·03	1 ·87	4	3	Mon. 27	7 ·91	6 ·39	5	2	Sat. 27	9 ·34	13 ·64	7
4	Fri. 27	6 ·03	2 ·87	5	4	Tues. 28	8 ·81	7 ·33	6	3	Sun. 28	10 ·26	14 ·60	8
5	Sat. 28	7 ·01 / 8 ·96	3 ·85	6	5	Wed. 29	9 ·71	8 ·26	7	4	Mon. 29	11 ·20	15 ·57	9
6	Sun. 29	9 ·90	4 ·82	7	6	Thur. 30	10 ·61	9 ·20	8	5	Tues. 30	12 ·15	16 ·57	10
7	Mon. 30	10 ·84	5 ·78	8	7	Fri. 31	11 ·51	10 ·13	9	6	Wed. 31	13 ·13	17 ·59	11
8	Tues. 31	11 ·76	6 ·72	9										
	Feb.					**April.**					**June.**			
Hemlamba. **Kumbha—Māśi.**					*Vilamba.* **Mēsha—Chittirai.**					*Vilamba.* **Mithuna—Āni.**				
9	Wed. 1	12 ·66	7 ·66	10	8	Sat. 1	12 ·42	11 ·07	10	7	Thur. 1	14 ·12	18 ·63	12
10	Thur. 2	13 ·56	8 ·58	11	9	Sun. 2	13 ·33	12 ·01 / 13 ·96	11	8	Fri. 2	P ·14	19 ·68	13
11	Fri. 3	14 ·46	9 ·51	12						9	Sat. 3	1 ·18	20 ·76	14
12	Sat. 4	P ·36	10 ·46	13	10	Mon. 3	14 ·25	14 ·94	12	10	Sun. 4	2 ·24	21 ·85	15
13	Sun. 5	1 ·27	11 ·39	14	11	Tues. 4	P ·19	15 ·92	13	11	Mon. 5	3 ·31	22 ·95	16
14	Mon. 6	2 ·16	12 ·34	15	12	Wed. 5	1 ·15	16 ·93	14	12	Tues. 6	4 ·39	... ...	17
15	Tues. 7	3 ·11	13 ·30	16	13	Thur. 6	2 ·13	17 ·95	15	13	Wed. 7	5 ·47	23 ·07	18
16	Wed. 8	4 ·06	14 ·27	17	14	Fri. 7	3 ·12	... ...	16	14	Thur. 8	6 ·55	24 ·17	19
17	Thur. 9	5 ·02	15 ·27	18	15	Sat. 8	4 ·15	18 ·00	17	15	Fri. 9	7 ·62	25 ·27	20
18	Fri. 10	6 ·00	16 ·29	19	16	Sun. 9	5 ·19	19 ·07	18	16	Sat. 10	8 ·67	26 ·35	21
19	Sat. 11	7 ·00	17 ·32	20	17	Mon. 10	6 ·25	20 ·15	19	17	Sun. 11	9 ·70	27 ·41	22
20	Sun. 12	8 ·02	18 ·38	21	18	Tues. 11	7 ·32	21 ·25	20	18	Mon. 12	10 ·72	1 ·47	23
21	Mon. 13	9 ·05	19 ·45	22	19	Wed 12	8 ·40	22 ·36	21	19	Tues. 13	11 ·71	2 ·49	24
22	Tues. 14	10 ·11	20 ·54	23	20	Thur. 13	9 ·48	23 ·47	22	20	Wed. 14	12 ·68	3 ·50	25
23	Wed. 15	11 ·18	21 ·65	24	21	Fri. 14	10 ·57	24 ·57	23	21	Thur. 15	13 ·63	4 ·48	26
24	Thur. 16	12 ·27	22 ·76	25	22	Sat. 15	11 ·64	25 ·66	24	22	Fri. 16	14 ·57	5 ·45	27
25	Fri. 17	13 ·37	23 ·86	26	23	Sun. 16	12 ·69	26 ·74	25	23	Sat. 17	—A ·49	6 ·41	28
26	Sat. 18	14 ·46	24 ·96	27	24	Mon. 17	13 ·72	27 ·79	26	24	Sun. 18	1 ·40	7 ·35	—29
27	Sun. 19	—A ·54	... ...	28	25	Tues. 18	14 ·73	1 ·83	27	25	Mon. 19	2 ·30	8 ·29	1
28	Mon. 20	1 ·59	25 ·05	—29	26	Wed 19	—A ·73	2 ·84	28	26	Tues. 20	3 ·20	9 ·22	2
—29	Tues. 21	2 ·62	26 ·12	1	27	Thur. 20	1 ·70	3 ·85	—29	27	Wed. 21	4 ·10 / 5 ·99	10 ·15	3
1	Wed. 22	3 ·64	27 ·17	2	28	Fri. 21	2 ·66	4 ·82	1	28	Thur. 22	6 ·89	11 ·09	4
2	Thur. 23	4 ·63	1 ·19	3	29	Sat. 22	3 ·60	5 ·78	2	29	Fri. 23	7 ·81	12 ·02 / 13 ·97	5
3	Fri. 24	5 ·61	2 ·20	4	30	Sun. 23	4 ·52	6 ·73	3	30	Sat. 24	8 ·74	14 ·93	6
4	Sat. 25	6 ·57	3 ·18	5	—31	Mon. 24	5 ·43	7 ·67	4	31	Sun. 25	9 ·68	15 ·90	7
5	Sun. 26	7 ·51	4 ·16	6	1	Tues. 25	6 ·33	8 ·61	5	—32	Mon. 26	10 ·63	16 ·90	8
6	Mon. 27	8 ·43	5 ·12	7	2	Wed. 26	7 ·23	9 ·54	6	1	Tues. 27	11 ·61	17 ·91	9
7	Tues. 28	9 ·34	6 ·06 / 7 ·99	8	3	Thur. 27	8 ·13	10 ·47	7	2	Wed. 28	12 ·60	18 ·94	10
					4	Fri. 28	9 ·03 / 10 ·93	11 ·40	8	3	Thur. 29	13 ·61	19 ·99	11
					5	Sat. 29	11 ·84	12 ·34	9	4	Fri. 30	14 ·65	... ...	12
					6	Sun. 30	12 ·77	13 ·30	10					

Hemalamba. **Pausha.** *Bahula.* *Sukla.* *H. 573 Rajab.* *H. 573 Ramazān.*
Māgha. *Bahula.* *Sukla.* *H. 573 Shaʿbān.*
Chaitra. *Bahula.* *Sukla.* *H. 573 Shawwāl.*
Vaiśākha. *Bahula.* *Sukla.* *H. 573 Zī-l-kaʿda.*
Jyeshtha. *Bahula.* *Sukla.* *H. 573 Zī-l-hijja.*
Āshādha. *Sukla.* *H. 574 Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9 Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1178. **Kollam 354,** { **N. Malabar—Aug.** **Hijra 574.** **Vikrama 1235.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences June 19. **Bengal San. 584.**
P—Paurnimā. **(N. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sat.	1	P ·71	20 ·06	13	5	Fri.	1	2 ·17	27 ·35	16	5	Wed.	1	*Bahula.* 4 ·27	6 ·07	18
6	Sun.	2	1 ·79	21 ·15	14	6	Sat.	2	3 ·21	1 ·41	17	6	Thur.	2	5 ·20	7 ·04	19
7	Mon.	3	2 ·87	22 ·25	15	7	Sun.	3	4 ·22	2 ·45	18					8 ·98	
8	Tues.	4	3 ·96	23 ·36	16	8	Mon.	4	5 ·22	3 ·47	19	7	Fri.	3	6 ·11	9 ·92	20
9	Wed.	5	... ...	24 ·47	17	9	Tues.	5	6 ·19	4 ·47	20	8	Sat.	4	7 ·02	10 ·85	21
10	Thur.	6	4 ·04	25 ·57	18	10	Wed.	6	7 ·14	5 ·45	21				8 ·93		
11	Fri.	7	5 ·10	26 ·66	19	11	Thur.	7	8 ·08	6 ·41	22	9	Sun.	5	9 ·83	11 ·78	22
12	Sat.	8	6 ·15	27 ·73	20	12	Fri.	8	9 ·00	7 ·36	23	10	Mon.	6	10 ·73	12 ·72	23
13	Sun.	9	7 ·18	1 ·78	21				10 ·92			11	Tues.	7	11 ·64	13 ·65	24
14	Mon.	10	8 ·20	2 ·81	22	13	Sat.	9	11 ·83	8 ·30	24	12	Wed.	8	12 ·56	14 ·60	25
15	Tues.	11	9 ·19	3 ·82	23	14	Sun.	10	12 ·73	9 ·24	25	13	Thur.	9	13 ·49	15 ·55	26
16	Wed.	12	10 ·16	4 ·81	24	15	Mon.	11	13 ·63	10 ·17	26	14	Fri.	10	14 ·44	16 ·52	27
17	Thur.	13	11 ·11	5 ·79	25	16	Tues.	12	14 ·53	11 ·10	27	15	Sat.	11	A ·40	17 ·52	28
18	Fri.	14	12 ·05	6 ·74	26	17	Wed. ●	13	A ·43	12 ·03	28	16	Sun.	12	1 ·38	18 ·53	29
			13 ·97							13 ·97		17	Mon.	13	2 ·38	19 ·56	30
19	Sat.	15	14 ·88	7 ·69	27	18	Thur.	14	1 ·35	14 ·93	29	18	Tues.	14	3 ·40	20 ·60	1
20	Sun.	16	A ·78	8 ·63	28	19	Fri.	15	2 ·28	15 ·89	30	19	Wed.	15	4 ·45	21 ·67	2
21	Mon.	17	1 ·68	9 ·56	29	20	Sat.	16	3 ·22	16 ·87	1	20	Thur.	16	5 ·52	22 ·76	3
22	Tues.	18	2 ·58	10 ·50	30	21	Sun.	17	4 ·18	17 ·87	2	21	Fri.	17	6 ·60	23 ·86	4
23	Wed.	19	3 ·48	11 ·43	1	22	Mon.	18	5 ·16	18 ·88	3	22	Sat.	18	7 ·68	24 ·97	5
24	Thur.	20	4 ·38	12 ·36	2	23	Tues.	19	6 ·16	19 ·93	4	23	Sun.	19	8 ·77	... ...	6
25	Fri.	21	5 ·30	13 ·30	3	24	Wed.	20	7 ·19	20 ·99	5	24	Mon.	20	9 ·85	25 ·08	7
26	Sat.	22	6 ·22	14 ·26	4	25	Thur.	21	8 ·23	... ...	6	25	Tues.	21	10 ·92	26 ·18	8
27	Sun.	23	7 ·16	15 ·23	5	26	Fri.	22	9 ·30	21 ·06	7	26	Wed.	22	11 ·98	27 ·26	9
28	Mon.	24	8 ·12	16 ·22	6	27	Sat.	23	10 ·37	22 ·16	8	27	Thur.	23	... ...	1 ·35	10
29	Tues.	25	9 ·10	17 ·23	7	28	Sun.	24	11 ·46	23 ·26	9	28	Fri.	24	12 ·01	2 ·40	11
30	Wed.	26	10 ·09	18 ·25	8	29	Mon.	25	12 ·55	24 ·37	10	29	Sat.	25	13 ·04	3 ·43	12
31	Thur.	27	11 ·11	19 ·30	9	30	Tues.	26	13 ·63	25 ·48	11	1	Sun.	26	14 ·03	4 ·44	13
1	Fri.	28	12 ·15	20 ·37	10	31	Wed.	27	14 ·70	26 ·57	12				P ·01		
2	Sat.	29	13 ·21	21 ·46	11	1	Thur.	28	P ·75	27 ·66	13	2	Mon.	27	1 ·97	5 ·43	14
3	Sun.	30	14 ·28	22 ·56	12	2	Fri.	29	1 ·78	1 ·72	14	3	Tues.	28	2 ·90	6 ·41	15
4	Mon.	31	P ·36	23 ·66	13	3	Sat.	30	2 ·79	2 ·76	15	4	Wed.	29	3 ·83	7 ·37	16
												5	Thur.	30	4 ·75	8 ·32	17
	Aug.						**Oct.**						**Dec.**				
5	Tues.	1	1 ·45	24 ·77	14	4	Sun.	1	3 ·79	3 ·79	16	6	Fri.	1	5 ·66	9 ·26	18
6	Wed.	2	2 ·53	25 ·87	15	5	Mon.	2	4 ·76	4 ·79	17	7	Sat.	2	6 ·57	10 ·19	19
7	Thur.	3	3 ·60	26 ·97	16	6	Tues.	3	5 ·72	5 ·78	18	8	Sun.	3	7 ·47	11 ·13	20
8	Fri.	4	4 ·65	... ...	17	7	Wed.	4	6 ·66	6 ·74	19					12 ·06	
9	Sat.	5	5 ·69	27 ·04	18	8	Thur.	5	7 ·59	7 ·70	20	9	Mon.	4	8 ·37	13 ·99	21
10	Sun.	6	6 ·69	1 ·10	19	9	Fri.	6	8 ·50	8 ·65	21	10	Tues.	5	9 ·28	14 ·93	22
11	Mon.	7	7 ·68	2 ·13	20	10	Sat.	7	9 ·40	9 ·58	22	11	Wed.	6	10 ·20	15 ·89	23
12	Tues.	8	8 ·66	3 ·14	21	11	Sun.	8	10 ·30	10 ·51	23	12	Thur.	7	11 ·13	16 ·86	24
13	Wed.	9	9 ·61	4 ·14	22	12	Mon.	9	11 ·20	11 ·44	24	13	Fri.	8	12 ·10	17 ·85	25
14	Thur.	10	10 ·55	5 ·12	23	13	Tues.	10	12 ·11	12 ·37	25	14	Sat.	9	13 ·04	18 ·86	26
15	Fri.	11	11 ·47	6 ·08	24	14	Wed.	11	13 ·02	13 ·32	26	15	Sun.	10	14 ·03	19 ·87	27
				7 ·02					14 ·94			16	Mon.	11	A ·02	20 ·91	28
16	Sat.	12	12 ·38	8 ·96	25	15	Thur.	12	A ·87	14 ·27	27	17	Tues.	12	1 ·05	21 ·98	29
17	Sun.	13	13 ·28	9 ·90	26	16	Fri.	13	1 ·81	15 ·22	28	18	Wed.	13	2 ·10	... ...	1
18	Mon.	14	14 ·18	10 ·83	27	17	Sat.	14	2 ·77	16 ·20	29	19	Thur.	14	3 ·16	22 ·07	2
19	Tues.	15	A ·08	11 ·76	28	18	Sun.	15	3 ·75	17 ·19	1	20	Fri.	15	4 ·24	23 ·16	3
			1 ·99			19	Mon.	16	4 ·76	18 ·21	2	21	Sat.	16	5 ·32	24 ·26	4
20	Wed.	16	2 ·89	12 ·70	29	20	Tues.	17	5 ·78	19 ·24	3	22	Sun.	17	6 ·42	25 ·37	5
21	Thur.	17	3 ·81	13 ·64	1	21	Wed.	18	6 ·83	20 ·30	4	23	Mon.	18	7 ·50	26 ·48	6
22	Fri.	18	4 ·74	14 ·59	2	22	Thur.	19	7 ·80	21 ·37	5	24	Tues.	19	8 ·57	27 ·58	7
23	Sat.	19	5 ·67	15 ·57	3	23	Fri.	20	8 ·97	22 ·46	6	25	Wed.	20	9 ·63	1 ·65	8
24	Sun.	20	6 ·63	16 ·55	4	24	Sat.	21	... ...	23 ·55	7	26	Thur.	21	10 ·67	2 ·71	9
25	Mon.	21	7 ·61	17 ·55	5	25	Sun.	22	9 ·05	24 ·67	8	27	Fri.	22	11 ·68	3 ·75	10
26	Tues.	22	8 ·60	18 ·57	6	26	Mon.	23	10 ·14	25 ·78	9	28	Sat.	23	12 ·68	4 ·76	11
27	Wed.	23	9 ·63	19 ·61	7	27	Tues.	24	11 ·22	26 ·88	10	29	Sun.	24	13 ·66	5 ·77	12
28	Thur.	24	10 ·67	20 ·68	8	28	Wed.	25	12 ·29	27 ·96	11	1	Mon.	25	14 ·61	6 ·74	13
29	Fri.	25	11 ·74	21 ·76	9	29	Thur.	26	13 ·35	... ...	12	2	Tues.	26	P ·55	7 ·71	14
30	Sat.	26	12 ·81	22 ·86	10	30	Fri.	27	14 ·38	1 ·03	13	3	Wed.	27	1 ·48	8 ·65	15
31	Sun.	27	13 ·90	23 ·96	11	1	Sat.	28	P ·41	2 ·08	14	4	Thur.	28	2 ·40	9 ·59	16
1	Mon.	28	14 ·98	.. ...	12	2	Sun.	29	1 ·40	3 ·11	15	5	Fri.	29	3 ·31	10 ·54	17
2	Tues. ○	29	... ...	24 ·07	13	3	Mon.	30	2 ·37	4 ·12	16	6	Sat.	30	4 ·21	11 ·47	18
3	Wed.	30	P ·06	25 ·18	14	4	Tues.	31	3 ·33	5 ·10	17	7	Sun.	31	5 ·11	12 ·40	19
4	Thur.	31	1 ·13	26 ·27	15												

Vilamba. **Karkaṭaka—Āḍi.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.*

Vilamba. **Siṅha—Āvaṇi.** *H. 574 Śafar.* *H. 574 Rabi-ul awwal.* *H. 574 Rabi-ul ākhir.* *H. 574 Jamāda'l awwal.* *H. 574 Jamāda'l ākhir.* *H. 574 Rajab.*

Vilamba. **Kanyā—Puraṭṭāśi.** **Tulā—Aippaśi.** **Vṛiśchika—Kārttigai.** **Dhanus—Mārgali.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab

A.D. 1179. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 25·06.** **Śaka 1101.** **Kaliyuga 4280.**
Lunar Eclipse. ○ **(Arya Sid.) March 25·01.** **(S. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Mon.	1	6 ·01	13 ·33	20	7	Thur.	1	7 ·90	18 ·81	20	7	Tues.	1	8 ·08	24 ·77	22
			7 ·92														
9	Tues.	2	8 ·84	14 ·27	21	8	Fri.	2	8 ·89	19 ·83	21	8	Wed.	2	9 ·15	25 ·87	23
10	Wed.	3	9 ·77	15 ·22	22	9	Sat.	3	9 ·90	20 ·86	22	9	Thur.	3	10 ·23	26 ·98	24
11	Thur.	4	10 ·71	16 ·19	23	10	Sun.	4	10 ·92	21 ·91	23	10	Fri.	4	11 ·32	.. ...	25
12	Fri.	5	11 ·68	17 ·17	24	11	Mon.	5	11 ·96	22 ·98	24	11	Sat.	5	12 ·40	27 ·08	26
13	Sat.	6	12 ·67	18 ·17	25	12	Tues.	6	... ...	... ...	25	12	Sun.	6	13 ·47	1 ·19	27
14	Sun.	7	13 ·67	19 ·19	26	13	Wed.	7	12 ·02	23 ·06	26	13	Mon.	7	14 ·52	2 ·26	28
15	Mon.	8	14 ·70	20 ·22	27	14	Thur.	8	13 ·09	24 ·17	27	14	Tues.	8	—A ·55	3 ·32	29
16	Tues.	9	—A ·74	21 ·29	28	15	Fri.	9	14 ·17	25 ·28	28	15	Wed.	9	1 ·57	4 ·32	30
17	Wed.	10	1 ·81	22 ·37	29	16	Sat.	10	—A ·26	26 ·38	29	16	Thur.	10	2 ·55	5 ·38	1
18	Thur.	11	2 ·89	23 ·46	—30	17	Sun.	11	1 ·35	27 ·48	—30	17	Fri.	11	3 ·52	6 ·39	2
19	Fri.	12	3 ·97	24 ·56	1	18	Mon.	12	2 ·42	1 ·57	1	18	Sat.	12	4 ·47	7 ·37	3
20	Sat.	13	... ...	25 ·67	2	19	Tues.	13	3 ·47	2 ·65	2	19	Sun.	13	5 ·41	8 ·33	4
21	Sun.	14	4 ·06	26 ·79	3	20	Wed.	14	4 ·51	3 ·70	3	20	Mon.	14	6 ·32	9 ·29	5
22	Mon.	15	5 ·14	27 ·88	4	21	Thur.	15	5 ·52	4 ·73	4	21	Tues.	15	7 ·23	10 23	6
23	Tues.	16	6 ·21	1 ·96	5	22	Fri.	16	6 ·51	5 ·74	5	22	Wed.	16	8 ·13	11 ·17	7
24	Wed.	17	7 ·27	... ...	6	23	Sat.	17	7 ·48	6 ·78	6	23	Thur.	17	9 ·03	12 ·08	8
25	Thur.	18	8 ·31	2 ·02	7	24	Sun.	18	8 ·44	7 ·70	7				10 ·92		
26	Fri.	19	9 ·32	3 ·06	8	25	Mon.	19	9 ·38	8 ·67	8	24	Fri.	18	11 ·83	13 ·03	9
27	Sat.	20	10 ·32	4 ·09	9	26	Tues.	20	10 ·30	9 ·61	9					14 ·96	
28	Sun.	21	11 ·29	5 ·09	10	27	Wed.	21	11 ·21	10 ·55	10	25	Sat.	19	12 ·74	15 ·90	10
29	Mon.	22	12 ·25	6 ·07	11	28	Thur.	22	12 ·11	11 ·48	11	26	Sun.	20	13 ·65	16 ·86	11
				7 ·04		29	Fri.	23	13 ·01	12 ·41	12	27	Mon.	21	14 ·57	17 ·82	12
—30	Tues.	23	13 ·19	8 ·99	12				14 ·91			28	Tues.	22	P ·51	18 ·79	13
1	Wed.	24	14 ·11	9 ·94	13	—30	Sat.	24	P ·81	13 ·35	13	29	Wed.	23	1 ·47	19 ·79	14
2	Thur.	25	P ·03	10 ·87	14	1	Sun.	25	1 ·71	14 ·29	14	30	Thur.	24	2 ·46	20 ·80	15
			1 ·94			2	Mon.	26	2 ·63	15 ·23	15	—31	Fri.	25	3 ·45	21 ·84	16
3	Fri.	26	2 ·84	11 ·80	15	3	Tues.	27	3 ·56	16 ·18	16	1	Sat.	26	4 ·47	22 ·90	17
4	Sat.	27	3 ·74	12 ·73	16	4	Wed.	28	4 ·50	17 ·15	17	2	Sun.	27	5 ·51	23 ·98	18
5	Sun.	28	4 ·64	13 ·67	17	5	Thur.	29	5 ·46	18 ·14	18	3	Mon.	28	6 ·57	... ...	19
6	Mon.	29	5 ·55	14 ·60	18	6	Fri.	30	6 ·44	19 ·15	19	4	Tues.	29	7 ·64	24 ·07	20
7	Tues.	30	6 ·47	15 ·56	19	7	Sat.	31	7 ·45	20 ·17	20	5	Wed.	30	8 ·72	25 ·17	21
8	Wed	31	7 ·40	16 ·52	20							6	Thur.	31	9 ·81	26 ·28	22
	Feb.						**April.**						**June.**				
9	Thur.	1	8 ·34	17 ·50	21	8	Sun.	1	8 ·47	21 ·22	21	7	Fri.	1	10 ·89	27 ·39	23
10	Fri.	2	9 ·31	18 ·49	22	9	Mon.	2	9 ·51	22 ·28	22	8	Sat.	2	11 ·96	1 ·49	24
11	Sat.	3	10 ·29	19 ·50	23	10	Tues.	3	10 ·57	23 ·37	23	9	Sun.	3	... ...	2 ·57	25
12	Sun.	4	11 ·29	20 ·55	24	11	Wed.	4	11 ·64	24 ·47	24	10	Mon.	4	12 ·01	3 ·63	26
13	Mon.	5	12 ·32	21 ·60	25	12	Thur.	5	12 ·72	25 ·58	25	11	Tues.	5	13 ·04	4 ·68	27
14	Tues.	6	13 ·36	22 ·67	26	13	Fri.	6	13 ·81	26 ·68	26	12	Wed.	6	14 ·05	5 ·71	28
15	Wed.	7	14 ·42	23 ·76	27	14	Sat.	7	14 ·89	27 ·78	27	13	Thur.	7	—A ·04	6 ·72	29
16	Thur.	8	—A ·50	24 ·86	28	15	Sun.	8	—A ·96	1 ·87	28	14	Fri.	8	1 ·00	7 ·70	1
17	Fri.	9	1 ·59	25 ·98	—29	16	Mon.	9	... .	2 ·96	—29				2 ·96		
18	Sat.	10	2 ·67	... ...	1	17	Tues.	10	1 ·02	... ...	1	15	Sat.	9	3 ·89	8 ·67	2
19	Sun.	11	3 ·76	26 ·09	2	18	Wed.	11	2 ·05	3 ·01	2	16	Sun.	10	4 ·80	9 ·62	3
20	Mon.	12	4 ·83	27 ·18	3	19	Thur.	12	3 ·07	4 ·05	3	17	Mon.	11	5 ·71	10 ·57	4
21	Tues.	13	5 ·88	1 ·27	4	20	Fri.	13	4 ·05	5 ·06	4	18	Tues.	12	6 ·62	11 ·51	5
22	Wed.	14	6 ·92	2 ·33	5				5 ·02			19	Wed.	13	7 ·52	12 ·44	6
23	Thur.	15	7 ·93	3 ·39	6	21	Sat.	14	6 ·97	6 ·06	5	20	Thur.	14	8 ·41	13 ·37	7
24	Fri.	16	8 ·93	4 ·41	7	22	Sun.	15	7 ·90	7 ·04	6	21	Fri.	15	9 ·31	14 ·30	8
25	Sat.	17	9 ·90	5 ·42	8					8 ·00		22	Sat.	16	10 ·22	15 ·23	9
26	Sun.	18	10 ·86	6 ·40	9	23	Mon.	16	8 ·83	9 ·95	7	23	Sun.	17	11 ·13	16 ·19	10
27	Mon.	19	11 ·80	7 ·37	10	24	Tues.	17	9 ·74	10 ·89	8				12 ·05		
28	Tues.	20	12 ·72	8 ·32	11	25	Wed.	18	10 ·64	11 ·82	9	24	Mon.	18	13 ·99	17 ·15	11
29	Wed	21	13 ·64	9 ·28	12	26	Thur.	19	11 ·54	12 ·76	10	25	Tues.	19	14 ·95	18 ·12	12
—30	Thur	22	14 ·54	10 ·21	13	27	Fri.	20	12 ·44	13 ·69	11	26	Wed.	20	P ·93	19 ·11	13
1	Fri. ○	23	P ·44	11 ·14	14	28	Sat.	21	13 ·34	14 ·62	12	27	Thur.	21	1 ·93	20 ·12	14
2	Sat.	24	1 ·34	12 ·07	15	29	Sun.	22	14 ·24	15 ·56	13	28	Fri.	22	2 ·95	21 ·16	15
				13 ·00		30	Mon.	23	P ·15	16 ·51	14	29	Sat.	23	3 ·99	22 ·21	16
3	Sun.	25	2 ·24	14 ·95	16	—31	Tues.	24	1 ·07	17 ·49	15	30	Sun.	24	... ..	23 ·28	17
4	Mon.	26	3 ·15	15 ·89	17				2 ·02			31	Mon.	25	4 ·05	24 ·37	18
5	Tues.	27	4 ·07	16 ·85	18	1	Wed.	25	3 ·98	18 ·47	16	—32	Tues.	26	5 ·12	25 ·47	19
			5 ·00			2	Thur.	26	4 ·97	19 ·47	17	1	Wed.	27	6 ·20	26 ·59	20
6	Wed.	28	6 ·94	17 ·92	19	3	Fri.	27	5 ·96	20 ·49	18	2	Thur.	28	7 ·29	27 ·69	21
						4	Sat.	28	6 ·98	21 ·53	19	3	Fri.	29	8 ·37	1 ·79	22
						5	Sun.	29	... ...	22 ·59	20	4	Sat.	30	9 ·43	2 ·88	23
						6	Mon.	30	7 ·02	23 ·68	21						

Vilamba. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* *H. 574 Rajab.* *H. 574 Śha'bān.* *H. 574 Ramazān.*

Vilamba. **Kumbha—Māsi.** *Vikārin.* **Mēsha—Chittirai.** *Bahula.* *Śukla.* **Vaiśākha.** *Bahula.* *H. 574 Shawwāl.* *H. 574 Zi-l-ka'da.*

Vikārin. **Vrishabha—Vaigāśi.** *Bahula.* *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *H. 574 Zi-l-hijja.* *H. 575 Muharram.*

Vikārin. **Mithuna—Āni.**

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1179. **Kollam 355,** { **N. Malabar—Aug.** **Hijra 575.** **Vikrama 1236.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **June 8.** **Bengal San. 585.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sun.	1	10 ·48	3 ·94	24	5	Sat.	1	13 ·31	10 ·58	27	5	Thur.	1	1 ·84	17 ·82	29
6	Mon.	2	11 ·52	... ...	25	6	Sun.	2	14 ·22	11 ·52	28	6	Fri.	2	2 ·77	18 ·77	—30
7	Tues.	3	12 ·53	4 ·01	26	7	Mon.	3	—A ·13	12 ·45	29	7	Sat.	3	3 ·71	19 ·74	1
8	Wed.	4	13 ·51	5 ·03	27	8	Tues.	4	1 ·03 / 2 ·93	13 ·39	—30	8	Sun.	4	4 ·69	20 ·73	2
9	Thur.	5	14 ·48	6 ·04	28	9	Wed.	5	3 ·82	14 ·32	1	9	Mon.	5	5 ·67	21 ·74	3
10	Fri.	6	—A ·43	7 ·03	29	10	Thur.	6	4 ·73	15 ·25	2	10	Tues.	6	6 ·67	22 ·78	4
11	Sat.	7	1 ·36	8 ·00 / 9 ·96	—30	11	Fri.	7	5 ·65	16 ·19	3	11	Wed.	7	7 ·70	23 ·82	5
12	Sun.	8	2 ·28	10 ·91	1	12	Sat.	8	6 ·57	17 ·14	4	12	Thur.	8	8 ·75	24 ·89	6
13	Mon.	9	3 ·20	11 ·84	2	13	Sun.	9	7 ·52	18 ·11	5	13	Fri.	9	9 ·82	25 ·98	7
14	Tues.	10	4 ·10 / 5 ·99	12 ·77	3	14	Mon.	10	8 ·48	19 ·09	6	14	Sat.	10	10 ·89	... ...	8
15	Wed.	11	6 ·89	13 ·70	4	15	Tues.	11	9 ·47	20 ·09	7	15	Sun.	11	11 ·98	26 ·08	9
16	Thur.	12	7 ·79	14 ·63	5	16	Wed.	12	10 ·47	21 ·10	8	16	Mon.	12	... ...	27 ·19	10
17	Fri.	13	8 ·69	15 ·58	6	17	Thur.	13	11 ·49	22 ·14	9	17	Tues.	13	12 ·07	1 ·30	11
18	Sat.	14	9 ·60	16 ·52	7	18	Fri.	14	12 ·54	23 ·21	10	18	Wed.	14	13 ·15	2 ·40	12
19	Sun.	15	10 ·53	17 ·48	8	19	Sat.	15	13 ·59	24 ·28	11	19	Thur.	15	14 ·22	3 ·49	13
20	Mon.	16	11 ·47	18 ·45	9	20	Sun.	16	14 ·68	25 ·38	12	20	Fri.	16	P ·27	4 ·56	14
21	Tues.	17	12 ·43	19 ·43	10	21	Mon.	17	P ·76	26 ·48	13	21	Sat.	17	1 ·31	5 ·62	15
22	Wed.	18	13 ·41	20 ·45	11	22	Tues.	18	1 ·85	27 ·58	14	22	Sun.	18	2 ·33	6 ·65	16
23	Thur.	19	14 ·42	21 ·47	12	23	Wed.	19	2 ·93	1 ·69	15	23	Mon.	19	3 ·32	7 ·66	17
24	Fri.	20	P ·44	22 ·52	13	24	Thur.	20	... ...	2 ·80	16	24	Tues.	20	4 ·30	8 ·65	18
25	Sat.	21	1 ·49	23 ·59	14	25	Fri.	21	3 ·01	3 ·88	17	25	Wed.	21	5 ·26	9 ·62	19
26	Sun.	22	2 ·54	24 ·67	15	26	Sat.	22	4 ·06	4 ·94	18	26	Thur.	22	6 ·19	10 ·59	20
27	Mon.	23	3 ·61	25 ·78	16	27	Sun.	23	5 ·09	5 ·98	19	27	Fri.	23	7 ·11	11 ·54	21
28	Tues.	24	4 ·70	26 ·89	17	28	Mon.	24	6 ·11	... ...	20	28	Sat.	24	8 ·02 / 9 ·93	12 ·48	22
29	Wed.	25	5 ·78	27 ·99	18	29	Tues.	25	7 ·09	6 ·00	21	—29	Sun.	25	10 ·84	13 ·41	23
30	Thur.	26	6 ·86	... ...	19	30	Wed.	26	8 ·07	7 ·01	22	1	Mon.	26	11 ·74	14 ·34	24
—31	Fri.	27	7 ·93	1 ·09	20	—31	Thur.	27	9 ·02 / 10 ·96	8 ·00 / 9 ·96	23	2	Tues.	27	12 ·64	15 ·27	25
1	Sat.	28	8 ·98	2 ·18	21	1	Fri.	28	11 ·88	10 ·91	24	3	Wed.	28	13 ·55	16 ·21	26
2	Sun.	29	... ...	3 ·26	22	2	Sat.	29	12 ·79	11 ·86	25	4	Thur.	29	14 ·47	17 ·15	27
3	Mon.	30	9 ·01	4 ·32	23	3	Sun.	30	13 ·69	12 ·80	26	5	Fri.	30	—A ·41	18 ·11	28
4	Tues.	31	10 ·02	5 ·35	24												
	Aug.						**Oct.**						**Dec.**				
5	Wed.	1	11 ·01 / 12 ·97	6 ·36	25	4	Mon.	1	14 ·59	13 ·73	27	6	Sat.	1	1 ·35	19 ·07	—29
6	Thur.	2	13 ·92	7 ·35	26	5	Tues.	2	—A ·49	14 ·66	28	7	Sun.	2	2 ·32	20 ·06	1
7	Fri.	3	14 ·86	8 ·33	27	6	Wed.	3	1 ·39	15 ·59	—29	8	Mon.	3	3 ·31	21 ·07	2
8	Sat.	4	—A ·79	9 ·30	28	7	Thur.	4	2 ·31	16 ·53	1	9	Tues.	4	4 ·32	22 ·09	3
9	Sun.	5	1 ·09	10 ·24	—29	8	Fri.	5	3 ·23	17 ·48	2	10	Wed.	5	5 ·34	23 ·13	4
10	Mon.	6	2 ·59	11 ·18	1	9	Sat.	6	4 ·16	18 ·44	3	11	Thur.	6	6 ·38	24 ·20	5
11	Tues.	7	3 ·49	12 ·11	2	10	Sun.	7	5 ·10	19 ·42	4	12	Fri.	7	7 ·45	25 ·28	6
12	Wed.	8	4 ·39	13 ·04 / 14 ·98	3	11	Mon.	8	6 ·06	20 ·41	5	13	Sat.	8	8 ·53	26 ·38	7
13	Thur.	9	5 ·29	15 ·92	4	12	Tues.	9	7 ·05	21 ·42	6	14	Sun.	9	9 ·62	27 ·49	8
14	Fri.	10	6 ·20	16 ·86	5	13	Wed.	10	8 ·05	22 ·46	7	15	Mon.	10	10 ·71	1 ·60	9
15	Sat.	11	7 ·12	17 ·81	6	14	Thur.	11	9 ·08	23 ·52	8	16	Tues.	11	11 ·80	2 ·70	10
16	Sun.	12	8 ·04 / 9 ·98	18 ·78	7	15	Fri.	12	10 ·13	24 ·59	9	17	Wed.	12	12 ·87	3 ·79	11
17	Mon.	13	10 ·94	19 ·77	8	16	Sat.	13	11 ·19	25 ·68	10	18	Thur.	13	13 ·93	4 ·87	12
18	Tues.	14	11 ·92	20 ·77	9	17	Sun.	14	12 ·27	26 ·78	11	19	Fri.	14	14 ·96	5 ·93	13
19	Wed.	15	12 ·93	21 ·79	10	18	Mon.	15	13 ·35	27 ·88	12	20	Sat.	15	P ·97	6 ·97	14
20	Thur.	16	13 ·95	22 ·83	11	19	Tues.	16	14 ·44	... ...	13	21	Sun.	16	1 ·96	7 ·98	15
21	Fri.	17	... ...	23 ·89	12	20	Wed.	17	P ·53	1 ·00	14	22	Mon.	17	2 ·94	8 ·98	16
22	Sat.	18	14 ·00	24 ·98	13	21	Thur.	18	1 ·60	2 ·10	15	23	Tues.	18	3 ·90	9 ·96	17
23	Sun.	19	P ·06	... ...	14	22	Fri.	19	2 ·65	3 ·18	16	24	Wed.	19	4 ·84	10 ·93	18
24	Mon.	20	1 ·13	25 ·08	15	23	Sat.	20	3 ·69	4 ·25	17	25	Thur.	20	5 ·77	11 ·87	19
25	Tues.	21	2 ·21	26 ·18	16	24	Sun.	21	4 ·70	5 ·30	18	26	Fri.	21	6 ·67	12 ·81	20
26	Wed.	22	3 ·29	27 ·29	17	25	Mon.	22	5 ·68	6 ·33	19	27	Sat.	22	7 ·57	13 ·75	21
27	Thur.	23	4 ·37	1 ·39	18	26	Tues.	23	6 ·66	7 ·34	20	28	Sun.	23	8 ·48	14 ·68	22
28	Fri.	24	5 ·44	2 ·49	19	27	Wed.	24	7 ·62	8 ·32	21	29	Mon.	24	9 ·38	15 ·61	23
29	Sat.	25	6 ·50	3 ·57	20	28	Thur.	25	8 ·56	9 ·29	22	—30	Tues.	25	10 ·29	16 ·55	24
30	Sun.	26	7 ·53	4 ·63	21	29	Fri.	26	9 ·48	10 ·25	23	1	Wed.	26	11 ·20	17 ·49	25
—31	Mon.	27	8 ·55	5 ·67	22	—30	Sat.	27	10 ·39	11 ·20	24	2	Thur.	27	12 ·12	18 ·44	26
1	Tues.	28	9 ·53	6 ·68	23	1	Sun.	28	11 ·30	12 ·14	25	3	Fri.	28	13 ·05	19 ·40	27
2	Wed.	29	10 ·51	7 ·68	24	2	Mon.	29	12 ·20	13 ·07	26	4	Sat.	29	14 ·00 / A ·97	20 ·39	28
3	Thur.	30	11 ·46	8 ·67	25	3	Tues.	30	13 ·10	14 ·00 / 15 ·93	27	5	Sun.	30	1 ·95	21 ·39	29
4	Fri.	31	12 ·39	9 ·63	26	4	Wed.	31	14 ·00 / A ·92	16 ·87	28	6	Mon.	31	2 ·96	22 ·41	—30

Vikrin. **Karkataka—Ādi.** *Śrāvana.* *Bahula.* *H. 575 Śafar.*

Vikrin. **Simha—Avani.** *Sukla.* **Bhādrapada.** *Bahula.* *H. 575 Rabi-ul awwal.*

Vikrin. **Kanyā—Puraṭṭāśi.** *Āśvina.* *Bahula.* *H. 575 Rabi-ul ākhir.*

Vikrin. **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *H. 575 Jamāda'l awwal.*

Vikrin. **Vriśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H. 575 Jamāda'l ākhir.*

Vikrin. **Dhanus—Mārgaḷi.** *Sukla.* **Pausha.** *Bahula.* *H. 575 Śaśab.*

13. Hasta 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1180. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·32.** **Śaka 1102.** **Kaliyuga 4281.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·27.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.				SOLAR reckoning.		LUNAR reckoning.				SOLAR reckoning.		LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Jan.							**March.**							**May.**					
7	Tues. 1	3 ·99		23 ·44		1	8	Sat. 1	3 ·48		1 ·49		2	8	Thur. 1	5 ·89	*Sukla.*	7 ·58		4
8	Wed. 2	...	...	24 ·50		2	9	Sun. 2	4 ·58		2 ·60		3	9	Fri. 2	6 ·88		8 ·60		5
9	Thur. 3	4 ·04		25 ·59		3	10	Mon 3	5 ·66		3 ·70		4	10	Sat. 3	7 ·84		9 ·60		6
10	Fri. 4	5 ·10	*Sukla.*	26 ·68		4	11	Tues. 4	6 ·73	*Sukla.*	4 ·79		5	11	Sun. 4	8 ·79		10 ·59		7
11	Sat. 5	6 ·18		27 ·79		5	12	Wed. 5	7 ·78		5 ·86		6	12	Mon. 5	9 ·73		11 ·55		8
12	Sun. 6	7 ·27		1 ·89		6	13	Thur. 6	8 ·82		6 ·91		7	13	Tues. 6	10 ·65		12 ·50		9
13	Mon. 7	8 ·35		...	...	7	14	Fri. 7	9 ·83		7 ·95		8	14	Wed. 7	11 ·55		13 ·44		10
14	Tues. 8	9 ·43		2 ·00		8	15	Sat. 8	10 ·81		8 ·96		9	15	Thur. 8	12 ·45		14 ·38		11
15	Wed. 9	10 ·50		3 ·10		9	16	Sun. 9	11 ·79		9 ·95		10	16	Fri. 9	13 ·35		15 ·31		12
16	Thur. 10	11 ·56		4 ·18		10	17	Mon. 10	12 ·74		10 ·92		11	17	Sat. 10	14 ·25		16 ·25		13
17	Fri. 11	12 ·60		5 ·24		11	18	Tues. 11	13 ·67		11 ·88		12	18	Sun. 11	P ·15		17 ·18		14
18	Sat. 12	13 ·62		6 ·28		12	19	Wed. 12	14 ·59		12 ·83		13	19	Mon. 12	1 ·05		18 ·12		15
19	Sun. 13	14 ·61		7 ·30		13	20	Thur. 13	P ·51		13 ·77		14			2 ·97				
20	Mon. 14	P ·58		8 ·30		14	21	Fri. 14	1 ·41		14 ·70		15	20	Tues. 13	3 ·89		19 ·07		16
21	Tues. 15	1 ·54		9 ·29		15	22	Sat. 15	2 ·31		15 ·63		16	21	Wed. 14	4 ·83		20 ·03		17
22	Wed. 16	2 ·48		10 ·26		16	23	Sun. 16	3 ·21		16 ·56		17	22	Thur. 15	5 ·80		21 ·01		18
23	Thur. 17	3 ·41		11 ·21		17	24	Mon. 17	4 ·11		17 ·50		18	23	Fri. 16	6 ·78		22 ·01		19
24	Fri. 18	4 ·32		12 ·15		18			5 ·02					24	Sat. 17	7 ·78		23 ·02		20
25	Sat. 19	5 ·22		13 ·08		19	25	Tues. 18	6 ·94		18 ·45		19	25	Sun. 18	8 ·80		24 ·06		21
				14 ·02			26	Wed. 19	7 ·87		19 ·40		20	26	Mon. 19	9 ·85		25 ·11		22
26	Sun. 20	6 ·12		15 ·95		20	27	Thur. 20	8 ·81		20 ·37		21	27	Tues. 20	10 ·91		26 ·20		23
		7 ·02					28	Fri. 21	9 ·77		21 ·35		22	28	Wed. 21	11 ·98		27 ·29		24
27	Mon. 21	8 ·92		16 ·88		21	29	Sat. 22	10 ·75		22 ·37		23	29	Thur. 22	...	...	1 ·39		25
28	Tues. 22	9 ·83		17 ·82		22	—30	Sun. 23	11 ·75		23 ·39		24	30	Fri. 23	12 ·06		2 ·50		26
—29	Wed. 23	10 ·76		18 ·77		23	1	Mon. 24	12 ·78		24 ·40		25	31	Sat. 24	13 ·14		3 ·61		27
1	Thur. 24	11 ·69		19 ·74		24	2	Tues. 25	13 ·82		25 ·50		26	—32	Sun. 25	14 ·22		4 ·71		28
2	Fri. 25	12 ·64		20 ·72		25	3	Wed. 26	14 ·88		26 ·58		27	1	Mon. 26	—A ·29		5 ·79		29
3	Sat. 26	13 ·60		21 ·74		26	4	Thur. 27	—A ·96		27 ·68		28	2	Tues. 27	1 ·34		6 ·86		—30
4	Sun. 27	14 ·59		22 ·72		27	5	Fri. 28	...	...	1 ·80		—29	3	Wed. 28	2 ·36		7 ·90		1
5	Mon. 28	—A ·59		23 ·76		28	6	Sat. 29	1 ·05		2 ·90		1	4	Thur. 29	3 ·38		8 ·92		2
6	Tues. 29	1 ·62		24 ·82		—29	7	Sun. 30	2 ·13		...	...	2	5	Fri. 30	4 ·36		9 ·92		3
7	Wed. 30	2 ·67		25 ·89		1	8	Mon. 31	3 ·21		3 ·00		3	6	Sat. 31	5 ·33		10 ·92		4
	Feb.							**April.**							**June.**					
9	Fri. 1	4 ·81		...	...	3	9	Tues. 1	4 ·28		4 ·09		4	7	Sun. 1	6 ·28	*Sukla.*	11 ·89		5
10	Sat. 2	5 ·89		27 ·08		4	10	Wed. 2	5 ·33		5 ·17		5	8	Mon. 2	7 ·21		12 ·84		6
11	Sun. 3	6 ·96		1 ·19		5	11	Thur. 3	6 ·37		6 ·23		6	9	Tues. 3	8 ·13		13 ·78		7
12	Mon. 4	...	.	2 ·31		6	12	Fri. 4	7 ·38		7 ·27		7			9 ·04				
13	Tues. 5	7 ·06		3 ·40		7	13	Sat. 5	8 ·36	*Sukla.*	8 ·28		8	10	Wed. 4	10 ·94		14 ·72		8
14	Wed. 6	8 ·13		4 ·49		8	14	Sun. 6	9 ·33		9 ·27		9	11	Thur. 5	11 ·83		15 ·66		9
15	Thur. 7	9 ·19		5 ·55		9	15	Mon. 7	10 ·28		10 ·25		10	12	Fri. 6	12 ·73		16 ·59		10
16	Fri. 8	10 ·22		6 ·60		10	16	Tues. 8	11 ·22		11 ·22		11	13	Sat. 7	13 ·63		17 ·52		11
17	Sat. 9	11 ·24		7 ·62		11	17	Wed. 9	12 ·14		12 ·17		12	14	Sun. 8	14 ·53		18 ·45		12
18	Sun. 10	12 ·22		8 ·64		12	18	Thur. 10	13 ·05		13 ·11		13	15	Mon. 9	P ·45		19 ·40		13
19	Mon. 11	13 ·20		9 ·62		13			14 ·95					16	Tues. 10	1 ·37		20 ·37		14
20	Tues. 12	14 ·16		10 ·59		14	19	Fri. 11	P ·85		14 ·04		14	17	Wed. 11	2 ·32		21 ·34		15
21	Wed. ○ 13	P ·10		11 ·54		15					15 ·97			18	Thur. 12	3 ·28		22 ·33		16
		1 ·02					20	Sat. 12	1 ·74		16 ·90		15	19	Fri. 13	4 ·26		23 ·34		17
22	Thur. 14	2 ·93		12 ·49		16	21	Sun. 13	2 ·64		17 ·84		16	20	Sat. 14	5 ·27		24 ·37		18
23	Fri. 15	3 ·83		13 ·43		17	22	Mon. 14	3 ·55		18 ·78		17	21	Sun. 15	6 ·29		25 ·43		19
24	Sat. 16	4 ·73		14 ·36		18	23	Tues. 15	4 ·47		19 ·73		18	22	Mon. 16	7 ·33		26 ·50		20
25	Sun. 17	5 ·63		15 ·29		19	24	Wed. 16	5 ·40		20 ·70		19	23	Tues. 17	8 ·39		27 ·59		21
26	Mon. 18	6 ·53		16 ·22		20	25	Thur. 17	6 ·34		21 ·68		20	24	Wed. 18	9 ·46		1 ·69		22
27	Tues. 19	7 ·45		17 ·16		21	26	Fri. 18	7 ·30		22 ·69		21	25	Thur. 19	10 ·54		2 ·80		23
28	Wed. 20	8 ·37		18 ·11		22	27	Sat. 19	8 ·28		23 ·71		22	26	Fri. 20	11 ·63		3 ·91		24
29	Thur. 21	9 ·29		19 ·07		23	28	Sun. 20	9 ·29		24 ·75		23	27	Sat. 21	12 ·70		...	...	25
—30	Fri. 22	10 ·24		20 ·04		24	29	Mon. 21	10 ·31		25 ·81		24	28	Sun. 22	13 ·76		4 ·01		26
1	Sat. 23	11 ·20		21 ·03		25	30	Tues. 22	11 ·35		26 ·89		25	29	Mon. 23	14 ·81		5 ·10		27
2	Sun. 24	12 ·19		22 ·04		26	—31	Wed. 23	12 ·41		27 ·99		26	30	Tues. 24	—A ·84		6 ·16		28
3	Mon. 25	13 ·19		23 ·03		27	1	Thur. 24	13 ·48		...	...	27	—31	Wed. 25	1 ·86		7 ·21		29
4	Tues. 26	14 ·22		24 ·13		28	2	Fri. 25	14 ·56		1 ·09		28	1	Thur. 26	2 ·84		8 ·24		—30
5	Wed. 27	—A ·26		25 ·20		29	3	Sat. 26	—A ·65		2 ·20		29	2	Fri. 27	3 ·81		9 ·26		1
6	Thur. 28	1 ·32		26 ·28		—30	4	Sun. 27	1 ·73		3 ·30		—30	3	Sat. 28	4 ·75		10 ·25		2
7	Fri. 29	2 ·40		27 ·38		1	5	Mon. 28	2 ·79		4 ·40		1	4	Sun. 29	5 ·68		11 ·22		3
							6	Tues. 29	3 ·84		5 ·49		2	5	Mon. 30	6 ·60		12 ·17		4
							7	Wed. 30	4 ·88		6 ·54		3							

Vikārin. **Makara—Tai.** *Śaka.* **Magha.** *Bahula.* *H.* 575 *Sha'bān.*

Vikārin. **Kumbha—Māsi.** *Śaka.* **Phālguna.** *Bahula.* *H.* 576 *Ramazān.*

Vikārin. **Mīna—Pānguni.** *Śaka.* **Chaitra.** *Bahula.* *H.* 575 *Shawwāl.*

Śārvari. **Mēsha—Chittirai.** *Śaka.* **Vaiśākha.** *Bahula.* *H.* 575 *Zi-l-ka'da.*

Śārvari. **Vrishabha—Vaigāsi.** *Śaka.* **Jyeshtha.** *Bahula.* *H.* 575 *Zi-l-hijja.*

Śārvari. **Mithuna—Āni.** *Śaka.* **Adhika Āshādha.** *Bahula.* *H.* 576 *Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

08342

A.D. 1180. **Kollam 356,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 576.** **Vikrama 1237.**
A—Amāvāsyā. Commences Commences **May 28.** **Bengal San. 586.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month day.
	July.					**Sep.**					**Nov.**			
6	Tues. 1	7 ·51	13 ·12	5	5	Mon. 1	11 ·82	21 ·32	8	6	Sat. 1	12 ·03	27 ·11	10
7	Wed. 2	8 ·41	14 ·06 / 15 ·99	6	6	Tues. 2	12 ·79	22 ·30	9	7	Sun. 2	13 ·10	1 ·20	11
8	Thur. 3	9 ·31	16 ·92	7	7	Wed. 3	13 ·77	23 ·31	10	8	Mon. 3	14 ·18	2 ·30	12
9	Fri. 4	10 ·21	17 ·85	8	8	Thur. 4	14 ·77	24 ·32	11	9	Tues. 4	P ·27	3 ·40	13
10	Sat. 5	11 ·11	18 ·79	9	9	Fri. 5	P ·80	25 ·36	12	10	Wed. 5	1 ·36	4 ·52	14
11	Sun. 6	12 ·01 / 13 ·92	19 ·74	10	10	Sat. 6	1 ·84	26 ·42	13	11	Thur. 6	2 ·44	5 ·62	15
12	Mon. 7	14 ·85	20 ·70	11	11	Sun. 7	2 ·91	27 ·50	14	12	Fri. 7	3 ·51	6 ·71	16
13	Tues. 8	P ·80	21 ·67	12	12	Mon. 8	3 ·99	1 ·60	15	13	Sat. 8	4 ·56	7 ·78	17
14	Wed. 9	1 ·76	22 ·65	13	13	Tues. 9	... ...	2 ·70	16	14	Sun. 9	5 ·60	8 ·83	18
15	Thur. 10	2 ·74	23 ·66	14	14	Wed. 10	4 ·08	3 ·81	17	15	Mon. 10	6 ·62	9 ·86	19
16	Fri. 11	3 ·74	24 ·69	15	15	Thur. 11	5 ·16	4 ·91	18	16	Tues. 11	7 ·60	10 ·88	20
17	Sat. 12	4 ·77	25 ·74	16	16	Fri. 12	6 ·24	... ...	19	17	Wed. 12	8 ·58	11 ·87	21
18	Sun. 13	5 ·80	26 ·81	17	17	Sat. 13	7 ·31	5 ·01	20	18	Thur. 13	9 ·53	12 ·84	22
19	Mon. 14	6 ·86	27 ·89	18	18	Sun. 14	8 ·36	6 ·10	21	19	Fri. 14	10 ·46	13 ·80	23
20	Tues. 15	7 ·94	1 ·99	19	19	Mon. 15	9 ·39	7 ·16	22	20	Sat. 15	11 ·38	14 ·75	24
21	Wed. 16	... ...	... ...	20	20	Tues. 16	10 ·40	8 ·20	23	21	Sun. 16	12 ·30	15 ·70	25
22	Thur. 17	8 ·02	2 ·09	21	21	Wed. 17	11 ·39	9 ·22	24	22	Mon. 17	13 ·21	16 ·63	26
23	Fri. 18	9 ·11	3 ·21	22	22	Thur. 18	12 ·36	10 ·22	25	23	Tues. 18	14 ·12	17 ·56	27
24	Sat. 19	10 ·19	4 ·31	23	23	Fri. 19	13 ·31	11 ·22	26	24	Wed. 19	A ·02 / 1 ·92	18 ·49	28
25	Sun. 20	11 ·26	5 ·40	24	24	Sat. 20	14 ·24	12 ·18	27	25	Thur. 20	2 ·83	19 ·42	−29
26	Mon. 21	12 ·29	6 ·47	25	25	Sun. 21	−A ·17	13 ·13	28	26	Fri. 21	3 ·75	20 ·37	1
27	Tues. 22	13 ·32	7 ·53	26	26	Mon. 22	1 ·09 / 2 ·99	14 ·08	−29	27	Sat. 22	4 ·69	21 ·33	2
28	Wed. 23	14 ·34	8 ·57	27	27	Tues. 23	3 ·89	15 ·01 / 16 ·94	1	28	Sun. 23	5 ·64	22 ·29	3
29	Thur. ●24	−A ·32	9 ·58	28	28	Wed. 24	4 ·79	17 ·88	2	29	Mon. 24	6 ·60	23 ·28	4
30	Fri. 25	1 ·29	10 ·57	−29	29	Thur. 25	5 ·69	18 ·81	3	−30	Tues. 25	7 ·59	24 ·28	5
31	Sat. 26	2 ·24	11 ·55	1	−30	Fri. 26	6 ·60	19 ·75	4	1	Wed. 26	8 ·60	25 ·31	6
−32	Sun. 27	3 ·17	12 ·51	2	1	Sat. 27	7 ·52	20 ·69	5	2	Thur. 27	9 ·62	26 ·35	7
1	Mon. 28	4 ·09	13 ·46	3	2	Sun. 28	8 ·45	21 ·65	6	3	Fri. 28	10 ·67	27 ·42	8
2	Tues. 29	5 ·00 / 6 ·90	14 ·40	4	3	Mon. 29	9 ·39	22 ·64	7	4	Sat. 29	11 ·74	1 ·50	9
3	Wed. 30	7 ·80	15 ·33	5	4	Tues. 30	10 ·36	23 ·63	8	5	Sun. 30	12 ·82	2 ·59	10
4	Thur. 31	8 ·70	16 ·26	6										
	Aug.					**Oct.**					**Dec.**			
5	Fri. 1	9 ·60	17 ·19	7	5	Wed. 1	11 ·34	24 ·64	9	6	Mon. 1	13 ·91	3 ·71	11
6	Sat. 2	10 ·51	18 ·14	8	6	Thur. 2	12 ·35	25 ·67	10	7	Tues. 2	... ..	4 ·82	12
7	Sun. 3	11 ·43	19 ·08	9	7	Fri. 3	13 ·37	26 ·63	11	8	Wed. 3	14 ·00	... ...	13
8	Mon. 4	12 ·36	20 ·03 / 21 ·99	10	8	Sat. 4	14 ·42	27 ·81	12	9	Thur. 4	P ·09	5 ·92	14
9	Tues. 5	13 ·30	22 ·98	11	9	Sun. 5	P ·49	1 ·90	13	10	Fri. 5	1 ·16	6 ·01	15
10	Wed. 6	14 ·25	23 ·99	12	10	Mon. 6	1 ·57	... ...	14	11	Sat. 6	2 ·20	7 ·08	16
11	Thur. ○7	P ·24	... ...	13	11	Tues. 7	2 ·66	2 ·00	15	12	Sun. 7	3 ·23	8 ·14	17
12	Fri. 8	1 ·24	24 ·01	14	12	Wed. 8	3 ·74	3 ·10	16	13	Mon. 8	4 ·26	9 ·19	18
13	Sat. 9	2 ·27	25 ·05	15	13	Thur. 9	4 ·82	4 ·21	17	14	Tues. 9	5 ·24	10 ·20	19
14	Sun. 10	3 ·31	26 ·11	16	14	Fri. 10	5 ·89	5 ·32	18	15	Wed. 10	6 ·22	11 ·20	20
15	Mon. 11	4 ·37	27 ·19	17	15	Sat. 11	6 ·94	6 ·40	19	16	Thur. 11	7 ·17	12 ·17	21
16	Tues. 12	5 ·44	1 ·29	18	16	Sun. 12	7 ·98	7 ·47	20	17	Fri. 12	8 ·11	13 ·14	22
17	Wed. 13	6 ·53	2 ·40	19	17	Mon. 13	8 ·99	8 ·53	21	18	Sat. 13	9 ·03 / 10 ·95	14 ·09	23
18	Thur. 14	7 ·62	3 ·51	20	18	Tues. 14	9 ·98	9 ·54	22				15 ·03 / 16 ·97	
19	Fri. 15	8 ·70	4 ·61	21	19	Wed. 15	10 ·95	10 ·56	23	19	Sun. 14	11 ·85		24
20	Sat. 16	9 ·77	5 ·70	22	20	Thur. 16	11 ·90	11 ·54	24	20	Mon. 15	12 ·75	17 ·89	25
21	Sun. 17	10 ·82	6 ·78	23	21	Fri. 17	12 ·84	12 ·51	25	21	Tues. 16	13 ·65	18 ·82	26
22	Mon. 18	11 ·83	7 ·85	24	22	Sat. 18	13 ·77	13 ·47	26	22	Wed. 17	14 ·56	19 ·77	27
23	Tues. 19	12 ·86	8 ·89	25	23	Sun. 19	14 ·68	14 ·41	27	23	Thur. 18	−A ·47	20 ·71	28
24	Wed. 20	13 ·84	9 ·90	26	24	Mon. 20	−A ·58	15 ·35	28	24	Fri. 19	1 ·39	21 ·66	29
25	Thur. 21	14 ·81	10 ·90	27	25	Tues. 21	1 ·48	16 ·29	29	25	Sat. 20	2 ·33	22 ·62	−30
26	Fri. 22	−A ·75	11 ·88	28	26	Wed. 22	2 ·38	17 ·22	−30	26	Sun. 21	3 ·28	23 ·60	1
27	Sat. 23	1 ·69	12 ·85	29	27	Thur. 23	3 ·29	18 ·15	1	27	Mon. 22	4 ·25	24 ·61	2
28	Sun. 24	2 ·61	13 ·80	−30	28	Fri. 24	4 ·20	19 ·08	2	28	Tues. 23	5 ·24	25 ·63	3
29	Mon. 25	3 ·53	14 ·74	1	29	Sat. 25	5 ·12	20 ·03 / 21 ·99	3	−29	Wed. 24	6 ·24	26 ·66	4
30	Tues. 26	4 ·43	15 ·67	2	−30	Sun. 26	6 ·05	22 ·96	4	1	Thur. 25	7 ·27	27 ·72	5
−31	Wed. 27	5 ·33	16 ·60	3	1	Mon. 27	7 ·00 / 8 ·97	23 ·95	5	2	Fri. 26	8 ·33	1 ·80	6
1	Thur. 28	6 ·23	17 ·54	4	2	Tues. 28	9 ·95	24 ·96	6	3	Sat. 27	9 ·40	2 ·89	7
2	Fri. 29	7 ·13	18 ·47	5	3	Wed. 29	10 ·96	25 ·99	7	4	Sun. 28	10 ·47	... ...	8
3	Sat. 30	8 ·04 / 9 ·95	19 ·41	6	4	Thur. 30	11 ·98	... ...	8	5	Mon. 29	11 ·55	3 ·00	9
4	Sun. 31	10 ·88	20 ·36	7	5	Fri. 31	... ...	26 ·04	9	6	Tues. 30	12 ·65	4 ·11	10
										7	Wed. 31	13 ·75	5 ·22	11

Śārvari. **Karkaṭaka—Ādi.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Śafar.*

Śārvari. **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Rabi-ul ākhir.*

Śārvari. **Vṛiśchika—Kārttigai.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Jamādā'l ākhir.*

Śārvari. **Siṁha—Āvani.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Rabi-ul awwal.*

Śārvari. **Tulā—Aippaśi.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Jamādā'l awwal.*

Śārvari. **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Rajab.*

Śārvari. **Makara—Tai.** *Bahula.* *Sukla.* *Bahula.* *H. 576 Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1181.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 24·57.
(Arya Sid.) March 24·52.

Śaka 1103.

Kaliyuga 4282.
(S. Cycle) Plava.

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
8	Thur. 1	14 ·80	6 ·31	12
9	Fri. 2	P ·86	7 ·39	13
10	Sat. 3	1 ·89	8 46	14
11	Sun. 4	**Pausha.** 2 ·90	9 ·50	15
12	Mon. 5	3 ·88	10 ·52	16
13	Tues. 6	4 ·86	11 ·52	17
14	Wed. 7	5 ·81	12 ·50	18
15	Thur. 8	6 ·75	13 ·48	19
16	Fri. 9	7 ·68	14 ·43	20
Śārvari. **Makara—Tai.** 17	Sat. 10	8 ·59	15 ·37	21
18	Sun. 11	*Bahula.* 9 ·49	16 ·30	22
19	Mon. 12	10 ·39	17 ·23	*H. 576 Sha'bān.* 23
20	Tues. 13	11 ·29	18 ·17	24
21	Wed. 14	12 ·20	19 ·10	25
22	Thur. 15	13 ·12	20 ·04 / 21 ·99	26
23	Fri. ● 16	14 ·04 / A ·98	22 ·95	27
24	Sat. 17	1 ·93	23 ·94	28
25	Sun. 18	2 ·89	24 ·93	—29
26	Mon. 19	3 ·87	25 ·94	1
27	Tues. 20	4 ·88	26 ·98	2
28	Wed. 21	5 ·91	... ...	3
—29	Thur. 22	6 ·96	27 ·03	4
1	Fri. 23	... ...	1 ·10	5
2	Sat. 24	7 ·03	2 ·12	6
3	Sun. 25	*Sukla.* 8 ·11	3 ·31	7
4	Mon. 26	9 ·20	4 ·41	8
5	Tues. 27	10 ·28	5 ·52	9
6	Wed. 28	11 ·36	6 ·61	10
7	Thur. 29	12 ·43	7 ·71	11
	Fri. 30	13 ·49	8 77	12
9	Sat. 31	14 ·52	9 82	13
	Feb.			
10	Sun. 1	P ·53	10 ·84	14
11	Mon. 2	**Māgha.** 1 ·52	11 ·85	15
12	Tues. 3	2 ·49	12 ·84	16
Śārvari. **Kumbha—Māsi.** 13	Wed. 4	3 ·44	13 ·81	*H. 576 Ramazān.* 17
14	Thur. 5	4 ·38	14 ·76	18
15	Fri. 6	5 ·30	15 ·71	19
16	Sat. 7	6 ·21	16 ·64	20
17	Sun. 8	7 ·11	17 ·58	21
18	Mon. 9	8 ·01 / 9 ·91	18 ·51	22
19	Tues. 10	*Bahula.* 10 ·82	19 ·44	23
20	Wed. 11	11 ·74	20 ·38	24
21	Thur. 12	12 ·66	21 32	25
22	Fri. 13	13 ·59	22 28	26
23	Sat. 14	14 53	23 ·26	27
24	Sun. 15	—A ·50	24 ·25	28
25	Mon. 16	1 ·48	25 ·26	29
26	Tues. 17	2 ·49	26 ·29	—30
27	Wed. 18	*Sukla.* 3 ·52	27 ·34	1
28	Thur. 19	4 ·57	1 ·42	2
29	Fri. 20	5 ·64	2 50	3
—30	Sat. 21	6 71	3 60	4
1	Sun. 22	7 ·80	4 71	5
2	Mon. 23	8 ·89	5 ·82	6
3	Tues. 24	9 ·97	6 92	*H. 576 Shawwāl.* 7
4	Wed. 25	**Phālguna.**	... ...	8
5	Thur. 26	10 ·03	7 ·01	9
6	Fri. 27	11 ·08	8 08	10
7	Sat. 28	12 11	9 13	11

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
8	Sun. 1	13 ·12	10 ·16	12
9	Mon. 2	14 ·11	11 ·18	13
10	Tues. 3	P ·09	12 ·17	14
11	Wed. 4	1 ·04 / 2 ·98	13 ·14	15
12	Thur. 5	3 ·90	14 ·10	16
13	Fri. 6	**Phālguna.** 4 ·80	15 ·04 / 16 ·99	17
14	Sat. 7	5 ·70	17 ·92	18
Śārvari. **Mīna—Paṅguni.** 15	Sun. 8	6 ·60	18 ·85	*H. 576 Shawwāl.* 19
16	Mon. 9	7 ·50	19 ·78	20
17	Tues. 10	8 ·41	20 ·71	21
18	Wed. 11	9 ·32	21 ·66	22
19	Thur. 12	10 ·24	22 ·62	23
20	Fri. 13	*Bahula.* 11 ·17	23 ·59	24
21	Sat. 14	12 ·11	24 ·57	25
22	Sun. 15	13 ·08	25 ·58	26
23	Mon. 16	14 ·06	26 ·60	27
24	Tues. 17	—A ·07	27 ·66	28
25	Wed. 18	1 ·10	1 ·72	—29
26	Thur. 19	2 ·15	2 ·81	1
27	Fri. 20	3 ·21	3 ·90	2
28	Sat. 21	4 ·29	... ...	3
29	Sun. 22	5 ·37	4 ·01	4
30	Mon. 23	6 ·45	5 ·12	5
—31	Tues. 24	7 ·53	6 ·22	6
1	Wed. 25	*Sukla.* 8 ·59	7 ·31	7
2	Thur. 26	9 ·64	8 ·39	8
3	Fri. 27	10 ·67	9 ·44	9
4	Sat. 28	11 ·69	10 ·49	10
5	Sun. 29	12 ·67	11 ·50	11
6	Mon. 30	13 ·67	12 ·49	12
7	Tues. 31	14 ·59	13 ·47	13
	April.			
8	Wed. 1	P ·53	14 ·43	14
9	Thur. 2	1 ·45	15 ·38	15
10	Fri. 3	**Chaitra.** 2 ·35	16 ·33	*H. 576 Zī-l-ka'da.* 16
11	Sat. 4	3 ·25	17 ·26	17
12	Sun. 5	4 ·15	18 ·19	18
Plava. **Mēsha—Chittirai.** 13	Mon. 6	5 ·05 / 6 ·95	19 ·12	19
14	Tues. 7	7 ·86	20 ·05	20
15	Wed. 8	8 ·78	21 ·00 / 22 ·95	21
16	Thur. 9	9 ·71	23 ·92	22
17	Fri. 10	*Bahula.* 10 ·66	24 ·90	23
18	Sat. 11	11 ·62	25 ·90	24
19	Sun. 12	12 ·60	26 ·93	25
20	Mon. 13	13 ·60	27 ·97	26
21	Tues. 14	14 ·62	... ...	27
22	Wed. 15	—A ·67	1 ·03	28
23	Thur. 16	1 ·74	2 ·11	29
24	Fri. 17	2 ·82	3 ·20	—30
25	Sat. 18	3 ·90	4 ·31	1
26	Sun. 19	*Sukla.* 4 ·98	5 ·42	2
27	Mon. 20	... ...	6 ·52	3
28	Tues. 21	5 ·06	7 ·62	4
29	Wed. 22	6 ·12	8 ·70	5
—30	Thur. 23	7 ·17	9 ·76	*H. 576 Zī-l-hijja.* 6
1	Fri. 24	8 ·19	10 ·80	7
2	Sat. 25	**Vaiśākha.** 9 ·21	11 82	8
3	Sun. 26	10 ·19	12 ·82	9
4	Mon. 27	11 ·16	13 ·80	10
5	Tues. 28	12 ·11	14 ·76	11
6	Wed. 29	13 04 / 14 ·96	15 ·72	12
7	Thur. 30	P ·87	16 ·66	13

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
8	Fri. 1	1 ·77	17 ·60	14
9	Sat. 2	2 ·67	18 ·53	15
10	Sun. 3	**Vaiśākha.** 3 ·57	19 ·46	16
11	Mon. 4	4 ·47	20 ·40	17
12	Tues. 5	5 ·37	21 ·34	18
13	Wed. 6	6 ·29	22 ·29	19
14	Thur. 7	7 ·21	23 ·25	*H. 576 Zī-l-hijja.* 20
15	Fri. 8	8 ·16	24 ·22	21
16	Sat. 9	9 ·13	25 ·28	22
17	Sun. 10	*Bahula.* 10 ·11	26 ·24	23
Plava. **Vrishabha—Vaigāśi.** 18	Mon. 11	11 ·10	27 ·28	24
19	Tues. 12	12 ·13	1 ·33	25
20	Wed. 13	13 ·18	2 ·41	26
21	Thur. 14	14 ·24	3 ·51	27
22	Fri. 15	—A ·31	4 ·61	28
23	Sat. 16	1 ·39	5 ·72	—29
24	Sun. 17	2 ·48	6 ·82	1
25	Mon. 18	3 ·56	7 ·92	2
26	Tues. 19	4 ·62	... ...	3
27	Wed. 20	*Sukla.* 5 ·67	8 ·00	4
28	Thur. 21	6 ·70	9 ·08	5
29	Fri. 22	7 ·70	10 ·12	6
30	Sat. 23	8 ·68	11 ·14	7
31	Sun. 24	9 ·65	12 ·14	8
—32	Mon. 25	10 ·60	13 ·13	9
1	Tues. 26	11 ·53	14 ·11	*H. 577 Muharram.* 10
2	Wed. 27	**Jyeshtha.** 12 ·45	15 ·06	11
3	Thur. 28	13 ·35	16 ·00 / 17 ·94	12
4	Fri. 29	14 ·25	18 ·86	13
5	Sat. 30	P ·15	19 ·80	14
6	Sun. 31	1 ·05 / 2 ·95	20 ·74	15
	June.			
7	Mon. 1	3 ·85	21 ·67	16
8	Tues. 2	4 ·77	22 ·62	17
9	Wed. 3	5 ·69	23 ·58	18
10	Thur. 4	*Bahula.* 6 ·64	24 ·56	19
11	Fri. 5	7 ·60	25 ·55	20
Plava. **Mithuna—Āni.** 12	Sat. 6	8 ·58	26 ·56	21
13	Sun. 7	9 ·58	27 ·59	22
14	Mon. 8	10 ·61	1 ·63	23
15	Tues. 9	11 ·63	2 ·71	24
16	Wed. 10	12 ·71	3 ·81	25
17	Thur. 11	13 ·79	4 ·91	26
18	Fri. 12	14 ·88	... ...	27
19	Sat. 13	—A ·96	5 ·02	28
20	Sun. 14	... ...	6 ·12	29
21	Mon. 15	1 ·03	7 ·22	—30
22	Tues. 16	2 ·10	8 ·32	1
23	Wed. 17	3 ·15	9 ·38	2
24	Thur. 18	4 ·17	10 ·43	3
25	Fri. 19	*Sukla.* 5 ·17	11 ·46	4
26	Sat. 20	6 ·16	12 47	5
27	Sun. 21	7 ·13	13 ·47	6
28	Mon. 22	8 ·08	14 ·44	7
29	Tues. 23	9 ·01 / 10 ·93	15 ·39	8
30	Wed. 24	11 ·83	16 ·34	9
—31	Thur. 25	12 ·73	17 ·27	*H. 577 Safar.* 10
1	Fri. 26	13 ·73	18 ·21	11
2	Sat. 27	**Āshāḍha.** 14 ·53	19 ·14	12
3	Sun. 28	P ·43	20 ·07 / 21 ·01	13
4	Mon. 29	1 33	22 ·95	14
5	Tues. 30	2 ·24	23 ·93	15

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1181. **Kollam 357,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 577.** **Vikrama 1238.**
A—Amāvāsyā. Commences **Bengal San. 587.**
P—Paurnimā. Commences **May 17.** **(N. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Plava. **Karkataka—Ādi.** 6	Wed.	1	3 ·17	24 ·89	16	5	Tues.	1	*Bahula.* 6 ·23	4 ·81	H. 577 *Rabī-ul awwal.* 19	6	Sun.	1	*Bahula.* 8 ·86	... ...	21
7	Thur.	2	4 ·12	25 ·87	17	6	Wed.	2	7 ·80	5 ·92	20	7	Mon.	2	9 ·90	10 ·00	22
8	Fri.	3	5 ·09	26 ·88	18	7	Thur.	3	8 ·39	... ...	21	8	Tues.	3	10 ·90	11 ·05	23
9	Sat.	4	6 ·06	27 ·90	19	8	Fri.	4	9 ·48	6 ·03	22	9	Wed.	4	11 ·89	12 ·08	24
10	Sun.	5	7 ·07	1 ·95	20	9	Sat.	5	10 ·55	7 ·13	23	10	Thur.	5	12 ·86	13 ·09	25
11	Mon.	6	8 ·12	... ...	21	10	Sun.	6	11 ·61	8 ·23	24	11	Fri.	6	13 ·81	14 ·09	26
12	Tues.	7	9 ·14	2 ·03	22	11	Mon.	7	12 ·66	9 ·31	25	12	Sat.	7	14 ·75	15 ·06	27
13	Wed.	8	10 ·20	3 ·11	23	12	Tues.	8	13 ·69	10 ·38	26					16 ·02	
14	Thur.	9	11 ·27	4 ·21	24	13	Wed.	9	14 ·71	11 ·42	27	13	Sun.	8	—**A** ·67	17 ·97	28
15	Fri.	10	12 ·36	5 ·32	25	14	Thur.	10	—**A** ·69	12 ·44	28	14	Mon.	9	1 ·59	18 ·90	—29
16	Sat.	11	13 ·44	6 ·42	26	15	Fri.	11	1 ·66	13 ·44	—29	15	Tues.	10	2 ·49	19 ·85	1
17	Sun.	12	14 ·52	7 ·53	27	16	Sat.	12	2 ·61	14 ·43	1	16	Wed.	11	3 ·39	20 ·78	2
18	Mon.	13	—**A** ·58	8 ·62	28	17	Sun.	13	3 ·54	15 ·35	2	17	Thur.	12	4 ·29	21 ·70	3
19	Tues.	14	1 ·62	9 ·69	—29	18	Mon.	14	4 ·46	16 ·35	3	18	Fri.	13	5 ·20	22 ·64	4
20	Wed.	15	2 ·65	10 ·75	1	19	Tues.	15	*Sukla.* 5 ·37	17 ·29	4	19	Sat.	14	6 ·11	23 ·58	5
21	Thur.	16	3 ·66	11 ·78	2	20	Wed.	16	6 ·28	18 ·23	5				7 ·03		
22	Fri.	17	4 ·65	12 ·80	3	21	Thur.	17	7 ·18	19 ·16	6	20	Sun.	15	8 ·96	24 ·54	6
23	Sat.	18	5 ·61	13 ·79	4	22	Fri.	18	8 ·08	20 ·09	7	21	Mon.	16	9 ·92	25 ·51	7
24	Sun.	19	6 ·56	14 ·77	5				9 ·98			22	Tues.	17	10 ·89	26 ·50	8
25	Mon.	20	7 ·50	15 ·73	6	23	Sat.	19	10 ·89	21 ·03	8	23	Wed.	18	11 ·87	27 ·50	9
26	Tues.	21	8 ·41	16 ·67	7					22 ·97		24	Thur.	19	12 ·88	1 ·52	10
27	Wed.	22	9 ·31	17 ·62	8	24	Sun.	20	11 ·81	23 ·91	9	25	Fri.	20	13 ·92	2 ·56	11
28	Thur.	23	10 ·21	18 ·55	9	25	Mon.	21	12 ·75	24 ·87	10	26	Sat.	21	14 ·96	3 ·64	12
29	Fri.	24	11 ·11	19 ·48	10	26	Tues.	22	13 ·70	25 ·85	11	27	Sun.	22	... ...	4 ·72	13
			12 ·01			27	Wed.	23	*Āśvina.* 14 ·66	26 ·85	12	28	Mon.	23	**P** ·03	5 ·82	14
30	Sat.	25	13 ·91	20 ·41	11	28	Thur.	24	**P** ·65	27 ·86	13	29	Tues.	24	1 ·12	6 ·92	15
31	Sun.	26	14 ·82	21 ·35	12	29	Fri.	25	1 ·65	1 ·89	14	—30	Wed.	25	2 ·22	... ...	16
—32	Mon.	27	**P** ·74	22 ·29	13	—30	Sat.	26	2 ·69	2 ·95	15	1	Thur.	26	3 ·30	7 ·03	17
1	Tues.	28	1 ·66	23 ·25	14	1	Sun.	27	3 ·78	... ...	16	2	Fri.	27	4 ·38	8 ·14	18
2	Wed.	29	2 ·61	24 ·21	15	2	Mon.	28	4 ·79	3 ·02	17	3	Sat.	28	5 ·45	9 ·23	19
3	Thur.	30	3 ·58	25 ·20	16	3	Tues.	29	5 ·87	4 ·12	18	4	Sun.	29	6 ·50	10 ·31	20
4	Fri.	31	4 ·55	26 ·20	17	4	Wed.	30	6 ·96	5 ·22	19	5	Mon.	30	7 ·54	11 ·36	21
	Aug.						**Oct.**						**Dec.**				
5	Sat.	1	5 ·56	27 ·22	18	5	Thur.	1	... ...	6 ·32	20	6	Tues.	1	*Bahula.* 8 ·54	12 ·40	22
6	Sun.	2	6 ·59	1 ·27	19	6	Fri.	2	*Bahula.* 7 ·05	7 ·43	21	7	Wed.	2	9 ·53	13 ·42	23
7	Mon.	3	7 ·64	2 ·33	20	7	Sat.	3	8 ·13	8 ·53	22	8	Thur.	3	10 ·50	14 ·42	24
8	Tues.	4	8 ·70	3 ·41	21	8	Sun.	4	9 ·20	9 ·62	23	9	Fri.	4	11 ·46	15 ·39	25
9	Wed.	5	9 ·77	4 ·51	22	9	Mon.	5	10 ·25	10 ·69	24	10	Sat.	5	12 ·39	16 ·35	26
10	Thur.	6	10 ·86	5 ·61	23	10	Tues.	6	11 ·27	11 ·74	25	11	Sun.	6	13 ·31	17 ·30	27
11	Fri.	7	11 ·94	6 ·73	24	11	Wed.	7	12 ·29	12 ·76	26	12	Mon.	7	14 ·23	18 ·25	28
12	Sat.	8	... ...	7 ·83	25	12	Thur.	8	13 ·27	13 ·77	27	13	Tues.	8	—**A** ·13	19 ·18	29
13	Sun.	9	12 ·02	8 ·92	26	13	Fri.	9	14 ·24	14 ·75	28				1 ·03		
14	Mon.	10	13 ·08	... ...	27	14	Sat.	10	—**A** ·19	15 ·73	29	14	Wed.	9	2 ·93	20 ·11	—30
15	Tues.	11	14 ·13	9 ·00	28	15	Sun.	11	1 ·13	16 ·69	—30					21 ·04	
16	Wed.	12	—**A** ·15	10 ·06	29	16	Mon.	12	2 ·05	17 ·63	1	15	Thur.	10	3 ·84	22 ·98	1
17	Thur.	13	1 ·17	11 ·11	—30				3 ·97			16	Fri.	11	4 ·75	23 ·93	2
18	Fri.	14	2 ·15	12 ·12	1	17	Tues.	13	4 ·87	18 ·57	2	17	Sat.	12	5 ·87	24 ·88	3
19	Sat.	15	3 ·12	13 ·12	2	18	Wed.	14	5 ·77	19 ·50	3	18	Sun.	13	6 ·81	25 ·84	4
20	Sun.	16	4 ·07	14 ·10	3	19	Thur.	15	6 ·67	20 ·44	4	19	Mon.	14	7 ·56	26 ·82	5
			5 ·00			20	Fri.	16	*Sukla.* 7 ·57	21 ·37	5	20	Tues.	15	8 ·53	27 ·82	6
21	Mon.	17	6 ·92	15 ·06	4	21	Sat.	17	8 ·48	22 ·30	6	21	Wed.	16	9 ·52	1 ·84	7
				16 ·02		22	Sun.	18	9 ·41	23 ·25	7	22	Thur.	17	10 ·53	2 ·88	8
22	Tues.	18	7 ·83	17 ·96	5	23	Mon.	19	10 ·34	24 ·20	8	23	Fri.	18	11 ·56	3 ·94	9
23	Wed.	19	8 ·73	18 ·89	6	24	Tues.	20	11 ·29	25 ·18	9	24	Sat.	19	12 ·61	... ...	10
24	Thur.	20	9 ·63	19 ·82	7	25	Wed.	21	12 ·25	26 ·17	10	25	Sun.	20	13 ·68	4 ·02	11
25	Fri.	21	10 ·53	20 ·75	8	26	Thur.	22	13 ·24	27 ·18	11	26	Mon.	21	14 ·76	5 ·12	12
26	Sat.	22	11 ·43	21 ·68	9	27	Fri.	23	14 ·25	1 ·21	12	27	Tues.	○22	**P** ·85	6 ·22	13
27	Sun.	23	12 ·33	22 ·63	10	28	Sat.	24	**P** ·29	2 ·26	13	28	Wed.	23	1 ·94	7 ·33	14
28	Mon.	24	13 ·26	23 ·58	11	29	Sun.	25	1 ·34	3 ·33	14	—29	Thur.	24	... ...	8 ·44	15
29	Tues.	25	14 ·19	24 ·54	12	—30	Mon.	26	2 ·40	4 ·42	15	1	Fri.	25	2 ·02	9 ·53	16
30	Wed.	26	**P** ·14	25 ·52	13	1	Tues.	27	3 ·48	5 ·52	16	2	Sat.	26	3 ·09	10 ·61	17
—31	Thur.	27	1 ·10	26 ·52	14	2	Wed.	28	4 ·57	6 ·62	17	3	Sun.	27	4 ·15	11 ·67	18
1	Fri.	28	2 ·08	27 ·54	15	3	Thur.	29	5 ·66	7 ·73	18	4	Mon.	28	5 ·18	12 ·72	19
2	Sat.	29	3 ·09	1 ·58	16	4	Fri.	30	6 ·73	8 ·83	19	5	Tues.	29	6 ·18	13 ·74	20
3	Sun.	30	4 ·12	2 ·64	17	5	Sat.	31	7 ·80	9 ·93	20	6	Wed.	30	7 ·17	14 ·74	21
4	Mon.	31	5 ·17	3 ·72	18							7	Thur.	31	8 ·14	15 ·72	22

Plava. **Simha—Āvani.** *Plava.* **Tulā—Aippasi.** *Plava.* **Kanyā—Puraṭṭāsi.** *Plava.* **Vṛśchika—Kārttigai.** *Plava.* **Dhanus—Mārgali.** *Plava.* **Mīna—Panguni.**

13 Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1182. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Sūrya Sid.) March 24·83.** **Śaka 1104.** **Kaliyuga 4283.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·78.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Fri. 1	9 ·10	16 ·69	23	8	Mon. 1	10 ·89	20 ·13	23	7	Sat. 1	12 ·48	27 ·44	25
9	Sat. 2	10 ·03 11 ·96	17 ·65	24	9	Tues. 2	11 ·79	21 ·07	24	8	Sun. 2	13 ·45	1 ·44	26
10	Sun. 3	12 ·87	18 ·59	25	10	Wed. 3	12 ·70	22 ·00 23 ·93	25	9	Mon. 3	14 ·42	2 ·46	27
11	Mon. 4	13 ·78	19 ·52	26	11	Thur. 4	13 ·61	24 ·88	26	10	Tues. 4	—A ·43	3 ·50	28
12	Tues. 5	14 ·68	20 ·45	27	12	Fri. 5	14 ·53	25 ·83	27	11	Wed. 5	1 ·46	4 ·56	29
13	Wed. 6	—A ·58	21 ·38	28	13	Sat. 6	—A ·47	26 ·81	28	12	Thur. 6	2 ·50	5 ·63	—30
14	Thur. 7	1 ·48	22 ·31	—29	14	Sun. 7	1 ·42	27 ·79	—29	13	Fri. 7	3 ·57	6 ·72	1
15	Fri. 8	2 ·39	23 ·26	1	15	Mon. 8	2 ·38	1 ·80	1	14	Sat. 8	4 ·64	7 ·82	2
16	Sat. 9	3 ·32	24 ·21	2	16	Tues. 9	3 ·37	2 ·82	2	15	Sun. 9	5 ·78	8 ·94	3
17	Sun. 10	4 ·26	25 ·17	3	17	Wed. 10	4 ·37	3 ·87	3	16	Mon. 10	6 ·81	... ...	4
18	Mon. 11	5 ·21	26 ·15	4	18	Thur. 11	5 ·41	4 ·94	4	17	Tues. 11	7 ·89	9 ·04	5
19	Tues. 12	6 ·17	27 ·14	5	19	Fri. 12	6 ·46	... ...	5	18	Wed. 12	8 ·95	10 ·14	6
20	Wed. 13	7 ·16	1 ·16	6	20	Sat. 13	7 ·53	5 ·03	6	19	Thur. 13	... ...	11 ·22	7
21	Thur. 14	8 ·17	2 ·20	7	21	Sun. 14	8 ·60	6 ·12	7	20	Fri. 14	9 ·00	12 ·29	8
22	Fri. 15	9 ·20	3 ·25	8	22	Mon. 15	9 ·68	7 ·22	8	21	Sat. 15	10 ·02	13 ·34	9
23	Sat. 16	10 ·25	4 ·32	9	23	Tues. 16	10 ·78	8 ·33	9	22	Sun. 16	11 ·02	14 ·36	10
24	Sun. 17	11 ·32	5 ·41	10	24	Wed. 17	11 ·85	9 ·45	10	23	Mon. 17	12 ·01 13 ·97	15 ·36	11
25	Mon. 18	12 ·40	6 ·53	11	25	Thur. 18	12 ·92	10 ·54	11	24	Tues. 18	14 ·92	16 ·35	12
26	Tues. 19	13 ·49	7 ·63	12	26	Fri. 19	13 ·97	11 ·61	12	25	Wed. 19	P ·85	17 ·32	13
27	Wed. 20	14 ·58	8 ·74	13	27	Sat. 20	... ...	12 ·66	13	26	Thur. 20	1 ·77	18 ·28	14
28	Thur. 21	P ·66	9 ·83	14	28	Sun. 21	14 ·00	13 ·69	14	27	Fri. 21	2 ·67	19 ·22	15
29	Fri. 22	1 ·73	10 ·92	15			P ·00			28	Sat. 22	3 ·57	20 ·15	16
—30	Sat. 23	2 ·78	11 ·99	16	29	Mon. 22	1 ·98	14 ·71	15	29	Sun. 23	4 ·47	21 ·08	17
1	Sun. 24	3 ·81	... ...	17	30	Tues. 23	2 ·94	15 ·71	16				22 ·01	
2	Mon. 25	4 ·82	12 ·04	18	—31	Wed. 24	3 ·89	16 ·69	17	30	Mon. 24	5 ·36	23 ·95	18
3	Tues. 26	5 ·81	13 ·06	19	1	Thur. 25	4 ·83	17 ·65	18	—31	Tues. 25	6 ·26	24 ·89	19
4	Wed. 27	6 ·78	14 ·07	20	2	Fri. 26	5 ·75	18 ·60	19	1	Wed. 26	7 ·17	25 ·84	20
5	Thur. 28	7 ·73	15 ·05	21	3	Sat. 27	6 ·66	19 ·54	20	2	Thur. 27	8 ·09	26 ·80	21
6	Fri. 29	8 ·66	16 ·03 17 ·98	22	4	Sun. 28	7 ·56	20 ·48	21	3	Fri. 28	9 ·01 10 ·96	27 ·77	22
7	Sat. 30	9 ·59	18 ·93	23	5	Mon. 29	8 ·46	21 ·41	22	4	Sat. 29	11 ·93	1 ·76	23
8	Sun. 31	10 ·50	19 ·86	24	6	Tues. 30	9 ·36	22 ·34	23	5	Sun. 30	12 ·91	2 ·78	24
					7	Wed. 31	10 ·26	23 ·27	24	6	Mon. 31	13 ·92	3 ·81	25
	Feb.					**April.**					**June.**			
9	Mon. 1	11 ·41	20 ·79	25	8	Thur. 1	11 ·17	24 ·21	25	7	Tues. 1	14 ·94	4 ·86	26
10	Tues. 2	12 ·31	21 ·72	26	9	Fri. 2	12 ·09	25 ·17	26	8	Wed. 2	—A ·99	5 ·93	27
11	Wed. 3	13 ·21	22 ·66	27	10	Sat. 3	13 ·02 14 ·96	26 ·14	27	9	Thur. 3	... ...	... ...	28
12	Thur. 4	14 ·11	23 ·60	28	11	Sun. 4	—A ·93	27 ·12	28	10	Fri. 4	1 ·05	6 ·02	29
13	Fri. 5	A ·02 1 ·94	24 ·54	29	12	Mon. 5	1 ·91	1 ·12	29	11	Sat. 5	2 ·13	7 ·13	—30
14	Sat. 6	2 ·88	25 ·50	—30	13	Tues. 6	2 ·91	2 ·14	—30	12	Sun. 6	3 ·21	8 ·24	1
15	Sun. 7	3 ·83	26 ·47	1	14	Wed. 7	3 ·95	3 ·19	1	13	Mon. 7	4 ·29	9 ·34	2
16	Mon. 8	4 ·79	27 ·47	2	15	Thur. 8	... ...	4 ·25	2	14	Tues. 8	5 ·37	10 ·44	3
17	Tues. 9	5 ·78	1 ·48	3	16	Fri. 9	4 ·00	5 ·33	3	15	Wed. 9	6 ·43	11 ·53	4
18	Wed. 10	6 ·79	2 ·51	4	17	Sat. 10	5 ·07	6 ·42	4	16	Thur. 10	7 ·47	12 ·61	5
19	Thur. 11	7 ·82	3 ·56	5	18	Sun. 11	6 ·14	7 ·53	5	17	Fri. 11	8 ·50	13 ·65	6
20	Fri. 12	8 ·87	4 ·63	6	19	Mon. 12	7 ·22	8 ·63	6	18	Sat. 12	9 ·51	14 ·68	7
21	Sat. 13	9 ·94	5 ·72	7	20	Tues. 13	8 ·30	9 ·75	7	19	Sun. 13	10 ·49	15 ·69	8
22	Sun. 14	... ...	6 ·82	8	21	Wed. 14	9 ·38	10 ·84	8	20	Mon. 14	11 ·45	16 ·68	9
23	Mon. 15	10 ·02	7 ·93	9	22	Thur. 15	10 ·45	11 ·92	9	21	Tues. 15	12 ·40	17 ·66	10
24	Tues. 16	11 ·10	... ...	10	23	Fri. 16	11 ·50	12 ·98	10	22	Wed. 16	13 ·33	18 ·61	11
25	Wed. 17	12 ·19	8 ·04	11	24	Sat. 17	12 ·53	... ...	11	23	Thur. 17	14 ·24	19 ·56	12
26	Thur. 18	13 ·27	9 ·14	12	25	Sun. 18	13 ·52	13 ·01	12	24	Fri.○ 18	P ·14	20 ·49	13
27	Fri. 19	14 ·34	10 ·23	13	26	Mon. 19	14 ·51	14 ·04	13	25	Sat. 19	1 ·04 2 ·94	21 ·42	14
28	Sat. 20	P ·39	11 ·30	14	27	Tues. 20	P ·47	15 ·04	14	26	Sun. 20	3 ·84	22 ·35	15
—29	Sun. 21	1 ·42	12 ·35	15				16 ·02		27	Mon. 21	4 ·74	23 ·29	16
1	Mon. 22	2 ·43	13 ·38	16	28	Wed. 21	1 ·42	17 ·98	15	28	Tues. 22	5 ·64	24 ·23	17
2	Tues. 23	3 ·41	14 ·39	17	29	Thur. 22	2 ·35	18 ·93	16	29	Wed. 23	6 ·56	25 ·17	18
3	Wed. 24	4 ·38	15 ·38	18	30	Fri. 23	3 ·27	19 ·88	17	30	Thur. 24	7 ·49	26 ·13	19
4	Thur. 25	5 ·33	16 ·36	19	—31	Sat. 24	4 ·17	20 ·82	18	31	Fri. 25	8 ·45	27 ·10	20
5	Fri. 26	6 ·26	17 ·32	20	1	Sun. 25	5 ·07 6 ·97	21 ·75	19	—32	Sat. 26	9 ·41	1 ·09	21
6	Sat. 27	7 ·18	18 ·26	21	2	Mon. 26	7 ·87	22 ·68	20	1	Sun. 27	10 ·39	2 ·10	22
7	Sun. 28	8 ·09 9 ·99	19 ·20	22	3	Tues. 27	8 ·77	23 ·61	21	2	Mon. 28	11 ·40	3 ·12	23
					4	Wed. 28	9 ·68	24 ·56	22	3	Tues. 29	12 ·42	4 ·17	24
					5	Thur. 29	10 ·60	25 ·50	23	4	Wed. 30	13 ·47	5 ·24	25
					6	Fri. 30	11 ·56	26 ·47	24					

Phava. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 577 Ramazān.*

Phava. **Kumbha—Māsi.** *Śukla.* **Phālguna.** *Bahula.* *H. 577 Shawwāl.*

Śubhakṛit. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 577 Zi-l-ka'da.*

Phava. **Mīna—Pangguni.** *Śukla.* **Chaitra.** *Bahula.* *H. 577 Zi-l-hijja.*

Śubhakṛit. **Vrishabha—Vaigāsi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 578 Muharram.*

Śubhakṛit. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H. 578 Śafar.*

Naksh:—1 Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1182. **Kollam 358,** { **N. Malabar—Aug.** **Hijra 578.** **Vikrama 1239.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **May 7.** **Bengal San. 588.**
P—Paurnimā. **(N. Cycle) Parābhava**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
5	Thur. 1	14 ·53	6 ·33	26	5	Wed. 1	:: ...	13 ·59	—29					
6	Fri. 2	—A ·61	7 ·43	27	6	Thur. 2	2 ·01	14 ·63	1	5	Mon. 1	3 ·03 / 4 ·96	19 ·24	2
7	Sat. 3	1 ·69	8 ·54	28	7	Fri. 3	3 ·01	15 ·66	2	6	Tues. 2	5 ·87	20 ·19	3
8	Sun. 4	2 ·78	9 ·64	—29	8	Sat. 4	4 ·00 / 5 ·96	16 ·66	3	7	Wed. 3	6 ·77	21 ·12	4
9	Mon. 5	3 ·85	10 ·74	1						8	Thur. 4	7 ·67	22 ·06	5
10	Tues. 6	4 ·91	11 ·84	2	9	Sun. 5	6 ·91	17 ·65	4	9	Fri. 5	8 ·57	23 ·00 / 24 ·92	6
11	Wed. 7	5 ·95	12 ·91	3	10	Mon. 6	7 ·84	18 ·61	5					
12	Thur. 8	6 ·98	13 ·97	4	11	Tues. 7	8 ·76	19 ·56	6	10	Sat. 6	9 ·47	25 ·86	7
13	Fri. 9	7 ·99	... ...	5	12	Wed. 8	9 ·67	20 ·51	7	11	Sun. 7	10 ·38	26 ·80	8
14	Sat. 10	8 ·97	14 ·00	6	13	Thur. 9	10 ·57	21 ·45	8	12	Mon. 8	11 ·31	27 ·75	9
15	Sun. 11	9 ·93	15 ·01	7	14	Fri. 10	11 ·47	22 ·38	9	13	Tues. 9	12 ·25	1 ·72	10
16	Mon. 12	10 ·88	16 ·01 / 17 ·99	8	15	Sat. 11	12 ·37	23 ·31	10	14	Wed. 10	13 ·20	2 ·72	11
17	Tues. 13	11 ·81	18 ·95	9	16	Sun. 12	13 ·27	24 ·24	11	15	Thur. 11	14 ·17	3 ·72	12
18	Wed. 14	12 ·72	19 ·89	10	17	Mon. 13	14 ·18	25 ·19	12	16	Fri. 12	P ·15	4 ·74	13
19	Thur. 15	13 ·63	20 ·83	11	18	Tues. 14	P ·10	26 ·13	13	17	Sat. 13	1 ·18	5 ·78	14
20	Fri. 16	14 ·53	21 ·76	12	19	Wed. 15	1 ·04 / 2 ·99	27 09	14	18	Sun. 14	2 ·21	6 ·85	15
21	Sat. 17	P ·43	22 ·70	13	20	Thur. 16	3 ·96	1 ·07	15	19	Mon. 15	3 ·26	7 ·94	16
22	Sun. 18	1 ·33	23 ·63	14	21	Fri. 17	4 ·94	2 ·06	16	20	Tues. 16	4 ·33	... ...	17
23	Mon. 19	2 ·23	24 ·56	15	22	Sat. 18	5 ·96	3 ·08	17	21	Wed. 17	5 ·41	8 ·04	18
24	Tues. 20	3 ·14	25 ·51	16	23	Sun. 19	6 ·98	4 ·11	18	22	Thur. 18	6 ·50	9 ·14	19
25	Wed. 21	4 ·05 / 5 ·97	26 ·46	17	24	Mon. 20	:: ::	5 ·17	19	23	Fri. 19	7 ·59	10 ·25	20
26	Thur. 22	6 ·92	27 ·43	18	25	Tues. 21	7 ·03	6 ·24	20	24	Sat. 20	8 ·67	11 ·35	21
27	Fri. 23	7 ·89	1 ·42	19	26	Wed. 22	8 ·11	7 ·33	21	25	Sun. 21	9 ·73	12 ·45	22
28	Sat. 24	8 ·88	2 ·42	20	27	Thur. 23	9 ·19	8 ·43	22	26	Mon. 22	10 ·78	13 ·53	23
29	Sun. 25	9 ·89	3 ·44	21	28	Fri. 24	10 ·28	9 ·54	23	27	Tues. 23	11 ·81	14 ·58	24
30	Mon. 26	10 ·91	4 ·48	22	29	Sat. 25	11 ·36	10 ·65	24	28	Wed. 24	12 ·83	15 ·62	25
—31	Tues. 27	11 ·96	5 ·55	23	30	Sun. 26	12 ·44	11 ·75	25	—29	Thur. 25	13 ·81	16 ·63	26
1	Wed. 28	... ..	6 ·63	24	—31	Mon. 27	13 ·50	12 ·83	26	1	Fri. 26	14 ·78	17 ·64	27
2	Thur. 29	12 ·02	7 ·73	25	1	Tues. 28	14 ·54	13 ·90	27	2	Sat. 27	—A ·73	18 ·61	28
3	Fri. 30	13 ·10	8 ·83	26	2	Wed. 29	—A ·58	14 ·96	28	3	Sun. 28	1 ·66	19 ·57	29
4	Sat. 31	14 ·18	9 ·94	27	3	Thur. 30	1 ·58	15 ·98	29	4	Mon. 29	2 ·59	20 ·52	—30
	Aug.					**Oct.**				5	Tues. 30	3 ·50	21 ·46	1
5	Sun. 1	—A ·27	... ...	28	4	Fri. 1	2 ·57	16 ·99	—30		**Dec.**			
6	Mon. 2	1 ·34	10 ·05	29	5	Sat. 2	3 ·54	17 ·97	1	6	Wed. 1	4 ·41	22 ·40	2
7	Tues. 3	2 ·40	11 ·14	—30	6	Sun. 3	4 ·49	18 ·94	2	7	Thur. 2	5 ·31	23 ·33	3
8	Wed. 4	3 ·45	12 ·22	1	7	Mon. 4	5 ·43	19 ·91	3	8	Fri. 3	6 ·21	24 ·26	4
9	Thur. 5	4 ·49	13 ·28	2	8	Tues. 5	6 ·35	20 ·85	4	9	Sat. 4	7 ·12	25 ·20	5
10	Fri. 6	5 ·48	14 ·32	3	9	Wed. 6	7 ·25	21 ·79	5	10	Sun. 5	8 ·03 / 9 ·95	26 ·14	6
11	Sat. 7	6 ·46	15 ·33	4	10	Thur. 7	8 ·15	22 ·72	6	11	Mon. 6	10 ·89	27 ·09	7
12	Sun. 8	7 ·43	16 ·34	5	11	Fri. 8	9 ·05 / 10 ·95	23 ·65	7	12	Tues. 7	11 ·84	1 ·06	8
13	Mon. 9	8 ·38	17 ·32	6						13	Wed. 8	12 ·81	2 ·04	9
14	Tues. 10	9 ·31	18 ·28	7	12	Sat. 9	11 ·86	24 ·59	8	14	Thur. 9	13 ·81	3 ·04	10
15	Wed. 11	10 ·23	19 ·23	8	13	Sun. 10	12 ·77	25 ·52	9	15	Fri. 10	14 ·82	4 ·08	11
16	Thur. 12	11 ·13	20 ·17	9	14	Mon. 11	13 ·70	26 ·47	10	16	Sat. ○11	P ·85	5 ·09	12
17	Fri. 13	12 ·03 / 13 ·93	21 ·11	10	15	Tues. 12	14 ·63	27 ·42	11	17	Sun. 12	1 ·91	6 ·16	13
			22 ·04 / 23 ·97		16	Wed. 13	P ·58	1 ·39	12	18	Mon. 13	2 ·98	7 ·24	14
18	Sat. 14	14 ·83		11	17	Thur. 14	1 ·55	2 ·39	13	19	Tues. 14	... ...	8 ·34	15
19	Sun. 15	P ·73	24 ·90	12	18	Fri. 15	2 ·53	3 ·40	14	20	Wed. 15	3 ·06	9 ·44	16
20	Mon. 16	1 ·64	25 ·84	13	19	Sat. 16	3 ·55	4 ·43	15	21	Thur. 16	4 ·14	10 ·54	17
21	Tues. 17	2 ·56	26 ·80	14	20	Sun. 17	4 ·58	5 ·48	16	22	Fri. 17	5 ·23	11 ·66	18
22	Wed. 18	3 ·49	27 ·76	15	21	Mon. 18	5 ·64	6 ·54	17	23	Sat. 18	6 ·31	12 ·75	19
23	Thur. 19	4 ·43	1 ·74	16	22	Tues. 19	6 ·70	7 ·63	18	24	Sun. 19	7 ·38	13 ·83	20
24	Fri. 20	5 ·40	2 ·74	17	23	Wed. 20	7 ·78	8 ·74	19	25	Mon. 20	8 ·43	14 ·89	21
25	Sat. 21	6 ·39	3 ·75	18	24	Thur. 21	8 ·87	9 ·85	20	26	Tues. 21	9 ·46	15 ·93	22
26	Sun. 22	7 ·40	4 ·80	19	25	Fri. 22	9 ·96	10 ·95	21	27	Wed. 22	10 ·47	16 ·96	23
27	Mon. 23	8 ·43	5 ·86	20	26	Sat. 23	:: ...	... ..	22	28	Thur. 23	11 ·46	17 ·96	24
28	Tues. 24	9 ·48	6 ·94	21	27	Sun. 24	10 ·04	11 ·05	23	—29	Fri. 24	12 ·43	18 ·94	25
29	Wed. 25	10 ·55	... ...	22	28	Mon. 25	11 ·10	12 ·14	24	1	Sat. 25	13 ·38	19 ·91	26
30	Thur. 26	11 ·63	7 ·03	23	29	Tues. 26	12 ·15	13 ·22	25	2	Sun. 26	14 ·32	20 ·86	27
—31	Fri. 27	12 ·72	8 ·13	24	—30	Wed. 27	13 ·18	14 ·27	26	3	Mon. 27	—A ·24	21 ·80	28
1	Sat. 28	13 ·80	9 ·24	25	1	Thur. 28	14 ·19	15 ·30	27	4	Tues. 28	1 ·15	22 ·74	—29
2	Sun. 29	14 ·87	10 ·35	26	2	Fri. 29	—A ·18	16 ·31	28	5	Wed. 29	2 ·05 / 3 ·95	23 ·67	1
3	Mon. 30	—A ·94	11 ·46	27	3	Sat. 30	1 ·14	17 ·30	—29					
4	Tues. 31	1 ·98	12 ·53	28	4	Sun. 31	2 ·09	18 ·28	1	6	Thur. 30	4 ·85	24 ·60	2
										7	Fri. 31	5 ·76	25 ·53	3

Śubhakṛit. **Karkataka—Ādi.** *Śukla.* Śrāvaṇa. *Bahula.* *H. 578 Rabi-ul awwal.*

Śubhakṛit. **Simha—Avaṇi.** *Śukla.* Bhādrapada. *Bahula.* *H. 578 Rabi-ul ākhir.*

Śubhakṛit. **Kanyā—Puraṭṭāśi.** *Śukla.* Āśvina. *Bahula.* *H. 578 Jamāda'l awwal.*

Śubhakṛit. **Tulā—Aippaśi.** *Śukla.* Kārttika. *Bahula.* *H. 578 Jamāda'l ākhir.*

Śubhakṛit. **Vṛiśchika—Kārttigai.** *Śukla.* Mārgaśirsha. *Bahula.* *H. 578 Rajab.*

Śubhakṛit. **Dhanus—Mārgali.** *Śukla.* Pausha. *Bahula.* *H. 578 Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1183. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 25·09.** **Śaka 1105.** **Kaliyuga 4284.**
Lunar Eclipse. ○ (Arya Sid.) **March 25·04.** **(S. Cycle) Śobhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Sat. 1	6 ·67	26 ·47	4	7	Tues. 1	6 ·69	3 ·01	4	7	Sun. 1	8 ·98	... ...	6
9	Sun. 2	7 ·60	27 ·43	5	8	Wed. 2	7 ·67	4 ·02	5	8	Mon. 2	... ...	10 ·04	7
10	Mon. 3	8 ·54	1 ·39	6	9	Thur. 3	8 ·69	5 ·04	6	9	Tues. 3	9 ·06	11 ·15	8
11	Tues. 4	9 ·48	2 ·37	7	10	Fri. 4	9 ·72	6 ·09	7	10	Wed. 4	10 ·14	12 ·26	9
12	Wed. 5	10 ·45	3 ·36	8	11	Sat. 5	10 ·77	7 ·15	8	11	Thur. 5	11 ·22	13 ·36	10
13	Thur. 6	11 ·45	4 ·37	9	12	Sun. 6	11 ·83	8 ·24	9	12	Fri. 6	12 ·29	14 ·44	11
14	Fri. 7	12 ·46	5 ·42	10	13	Mon. 7	12 ·91	9 ·34	10	13	Sat. 7	13 ·33	15 ·51	12
15	Sat. 8	13 ·49	6 ·47	11	14	Tues. 8	... ...	10 ·45	11	14	Sun. 8	14 ·34	16 ·55	13
16	Sun. 9	14 ·55	7 ·54	12	15	Wed. 9	13 ·00	11 ·55	12	15	Mon. 9	P ·35	17 ·58	14
17	Mon. 10	P ·62	8 ·63	13	16	Thur. 10	14 ·08	12 ·66	13	16	Tues. 10	1 ·36	18 ·58	15
18	Tues. 11	1 ·70	9 ·74	14	17	Fri. 11	P ·16	13 ·75	14	17	Wed. 11	2 ·30	19 ·57	16
19	Wed. 12	2 ·78	10 ·85	15	18	Sat. 12	1 ·23	14 ·83	15	18	Thur. 12	3 ·24	20 ·54	17
20	Thur. 13	3 ·87	11 ·96	16	19	Sun. 13	2 ·28	15 ·88	16	19	Fri. 13	4 ·17	21 ·49	18
21	Fri. 14	4 ·95	... ...	17	20	Mon. 14	3 ·30	16 ·92	17	20	Sat. 14	5 ·08	22 ·44	19
22	Sat. 15	... ...	12 ·05	18	21	Tues. 15	4 ·30	17 ·93	18			6 ·98		
23	Sun. 16	5 ·02	13 ·14	19	22	Wed. 16	5 ·29	18 ·92	19	21	Sun. 15	7 ·88	23 ·37	20
24	Mon. 17	6 ·07	14 ·20	20	23	Thur. 17	6 ·25	19 ·91	20	22	Mon. 16	8 ·78	24 ·30	21
25	Tues. 18	7 ·11	15 ·25	21	24	Fri. 18	7 ·20	20 ·87	21	23	Tues. 17	9 ·68	25 ·23	22
26	Wed. 19	8 ·11	16 ·28	22	25	Sat. 19	8 ·13	21 ·82	22	24	Wed. 18	10 ·58	26 ·16	23
27	Thur. 20	9 ·10	17 ·29	23	26	Sun. 20	9 ·05	22 ·76	23	25	Thur. 19	11 ·49	27 ·10	24
28	Fri. 21	10 ·06	18 ·27	24			10 ·96			26	Fri. 20	12 ·41	1 ·06	25
29	Sat. 22	11 ·01	19 ·24	25	27	Mon. 21	11 ·86	23 ·69	24	27	Sat. 21	13 ·34	2 ·02	26
		12 ·95			28	Tues. 22	12 ·76	24 ·63	25				3 ·99	
—30	Sun. 23	13 ·87	20 ·19	26	29	Wed. 23	13 ·66	25 ·56	26	28	Sun. 22	14 ·28	4 ·98	27
1	Mon. 24	14 ·78	21 ·15	27	—30	Thur. 24	14 ·56	26 ·49	27	29	Mon. ● 23	—A ·25	5 ·99	28
2	Tues. 25	—A ·69	22 ·08	28	1	Fri. 25	—A ·47	27 ·43	28	30	Tues. 24	1 ·24	... ...	29
3	Wed. 26	1 ·59	23 ·01	29	2	Sat. 26	1 ·39	1 ·38	29	—31	Wed. 25	2 ·24	6 ·03	—30
			24 ·94		3	Sun. 27	2 ·32	2 ·36	—30	1	Thur. 26	3 ·28	7 ·08	1
4	Thur. 27	2 ·49	25 ·87	—30	4	Mon. 28	3 ·27	3 ·34	1	2	Fri. 27	4 ·33	8 ·15	2
5	Fri. 28	3 ·39	26 ·82	1	5	Tues. 29	4 ·24	4 ·34	2	3	Sat. 28	5 ·39	9 ·24	3
6	Sat. 29	4 ·30	27 ·76	2	6	Wed. 30	5 ·22	5 ·36	3	4	Sun. 29	6 ·46	10 ·34	4
7	Sun. 30	5 ·23	1 ·72	3	7	Thur. 31	6 ·24	6 ·40	4	5	Mon. 30	7 ·54	11 ·46	5
8	Mon. 31	6 ·17	2 ·69	4						6	Tues. 31	8 ·63	12 ·56	6
	Feb.					**April.**					**June.**			
9	Tues. 1	7 ·12	3 ·68	5	8	Fri. 1	7 ·27	7 ·46	5	7	Wed. 1	9 ·70	13 ·66	7
10	Wed. 2	8 ·09	4 ·70	6	9	Sat. 2	8 ·32	8 ·55	6	8	Thur. 2	10 ·77	14 ·75	8
11	Thur. 3	9 ·07	5 ·73	7	10	Sun. 3	9 ·38	9 ·64	7	9	Fri. 3	11 ·81	15 ·82	9
12	Fri. 4	10 ·08	6 ·78	8	11	Mon. 4	10 ·46	10 ·75	8	10	Sat. 4	12 ·83	16 ·87	10
13	Sat. 5	11 ·12	7 ·85	9	12	Tues. 5	11 ·54	11 ·85	9	11	Sun. 5	13 ·83	17 ·90	11
14	Sun. 6	12 ·17	8 ·94	10	13	Wed. 6	12 ·63	12 ·96	10	12	Mon. 6	14 ·81	18 ·91	12
15	Mon. 7	13 ·24	...	11	14	Thur. 7	13 ·71	... ...	11	13	Tues. ○ 7	P ·77	19 ·90	13
16	Tues. 8	14 ·32	9 ·04	12	15	Fri. 8	14 ·77	13 ·06	12	14	Wed. 8	1 ·71	20 ·87	14
17	Wed. 9	P ·41	10 ·15	13	16	Sat. 9	P ·82	14 ·14	13	15	Thur. 9	2 ·64	21 ·82	15
18	Thur. 10	1 ·50	11 ·26	14	17	Sun. 10	1 ·84	15 ·20	14	16	Fri. 10	3 ·56	22 ·78	16
19	Fri. 11	2 ·58	12 ·36	15	18	Mon. 11	2 ·85	16 ·23	15	17	Sat. 11	4 ·47	23 ·71	17
20	Sat. 12	3 ·64	13 ·44	16	19	Tues. 12	3 ·82	17 ·25	16	18	Sun. 12	5 ·37	24 ·64	18
21	Sun. 13	4 ·69	14 ·51	17	20	Wed. 13	4 ·79	18 ·26	17	19	Mon. 13	6 ·27	25 ·57	19
22	Mon. 14	5 ·72	15 ·57	18	21	Thur. 14	5 ·73	19 ·24	18	20	Tues. 14	7 ·16	26 ·50	20
23	Tues. 15	6 ·72	16 ·60	19	22	Fri. 15	6 ·66	20 ·20	19	21	Wed. 15	8 ·06	27 ·45	21
24	Wed. 16	7 ·71	17 ·61	20	23	Sat. 16	7 ·58	21 ·15	20			9 ·97		
25	Thur. 17	8 ·67	18 ·60	21	24	Sun. 17	8 ·48	22 ·09	21	22	Thur. 16	10 ·89	1 ·39	22
26	Fri. 18	9 ·63	19 ·57	22	25	Mon. 18	9 ·38	23 ·04	22	23	Fri. 17	11 ·82	2 ·35	23
27	Sat. 19	10 ·56	20 ·54	23				24 ·97		24	Sat. 18	12 ·76	3 ·32	24
28	Sun. 20	11 ·48	21 ·48	24	26	Tues. 19	10 ·28	25 ·90	23	25	Sun. 19	13 ·73	4 ·30	25
29	Mon. 21	12 ·39	22 ·42	25	27	Wed. 20	11 ·18	26 ·83	24	26	Mon. 20	14 ·71	5 ·32	26
—30	Tues. 22	13 ·29	23 ·35	26	28	Thur. 21	12 ·08	27 ·77	25	27	Tues. 21	A ·72	6 ·34	27
1	Wed. 23	14 ·19	24 ·28	27			13 ·99			28	Wed. 22	1 ·75	7 ·39	28
2	Thur. 24	A ·09	25 ·22	28	29	Fri. 22	14 ·91	1 ·71	26	29	Thur. 23	2 ·79	8 ·46	—29
		1 ·99			30	Sat. 23	—A ·84	2 ·69	27	30	Fri. 24	3 ·86	9 ·54	1
3	Fri. 25	2 ·90	26 ·15	—29	—31	Sun. 24	1 ·79	3 ·66	28	—31	Sat. 25	4 ·94	10 ·65	2
4	Sat. 26	3 ·82	27 ·10	1	1	Mon. 25	2 ·76	4 ·66	—29	1	Sun. 26	... ...	11 ·76	3
5	Sun. 27	4 ·76	1 ·05	2	2	Tues. 26	3 ·75	5 ·67	1	2	Mon. 27	5 ·02	12 ·86	4
6	Mon. 28	5 ·71	2 ·02	3	3	Wed. 27	4 ·75	6 ·71	2	3	Tues. 28	6 ·10	13 ·96	5
					4	Thur. 28	5 ·78	7 ·78	3	4	Wed. 29	7 ·18	... ...	6
					5	Fri. 29	6 ·83	8 ·85	4	5	Thur. 30	8 ·24	14 ·06	7
					6	Sat. 30	7 ·90	9 ·94	5					

Śubhakṛit. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *Śubhakṛit.* **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *Śobhana.* **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *Śobhana.* **Mīna—Pāṅguni.** *Sukla.* **Adhika Vaiśākha.** *Bahula.* *Śobhana.* **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.* *Śobhana.* **Vrishabha—Vaigāśi.** *Sukla.* **Vaiśākha.** *Bahula.* *H. 578 Shawwāl.* *H. 578 Zi-l-ka'da.* *H. 578 Zi-l-hijja.* *H. 579 Muharram.* *H. 579 Ṣafar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13 Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Shād. 21. U. Shād. 22. Shrav. 23. Dhan. 24. Śat. 25. P. Bhād. 26. U. Bhād. 27. Rev.

A.D. 1183. **Kollam 359,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 579.** **Vikrama 1240.**
A—Amāvāsyā. Commences **Bengal San. 589.**
P—Paurnimā. Commences **April 26.** **(N. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Śobhana. **Karkataka—Ādi.** 5	Fri.	1	9 ·28	15 ·13	8				{12 ·06 / 18 ·97}	23 ·72	11	5	Tues.	1	**P** ·59	2 ·02 / 3 ·37	13
6	Sat.	2	10 ·31	16 ·19	9	5	Thur.	1									
7	Sun.	3	11 ·31	17 ·22	10	6	Fri.	2	14 ·87	24 ·67	12	6	Wed.	2	1 ·53	4 ·94	14
8	Mon.	4	12 ·29	18 ·23	11	7	Sat.	3	**P** ·77	25 ·60	13	7	Thur.	3	2 ·48	5 ·93	15
9	Tues.	5	13 ·25	19 ·22	12	8	Sun.	4	1 ·67	26 ·53	14	8	Fri.	4	3 ·46	6 ·94	16
10	Wed.	6	14 ·20	20 ·20	13	9	Mon.	5	2 ·57	27 ·46	15	9	Sat.	5	4 ·45	7 ·96	17
11	Thur.	7	**P** ·13	21 ·17	14	10	Tues.	6	3 ·48	1 ·40	16	10	Sun.	6	5 ·46	... ...	18
12	Fri.	8	{1 ·04 / 2 ·94}	22 ·11	15	11	Wed.	7	4 ·40	2 ·35	17	11	Mon.	7	6 ·50	8 ·00	19
						12	Thur.	8	5 ·34	3 ·31	18	12	Tues.	8	7 ·56	9 ·07	20
				23 ·05		13	Fri.	9	6 ·29	4 ·29	19	13	Wed.	9	8 ·63	10 ·15	21
13	Sat.	9	3 ·84	24 ·98	16	14	Sat.	10	7 ·26	5 ·28	20	14	Thur.	10	9 ·71	11 ·25	22
14	Sun.	10	4 ·74	25 ·91	17	15	Sun.	11	8 ·25	6 ·29	21	15	Fri.	11	10 ·80	12 ·36	23
15	Mon.	11	5 ·64	26 ·85	18	16	Mon.	12	9 ·26	7 ·32	22	16	Sat.	12	11 ·88	13 ·47	24
16	Tues.	12	6 ·54	27 ·78	19	17	Tues.	13	10 ·29	8 ·39	23	17	Sun.	13	12 ·96	14 ·57	25
17	Wed.	13	7 ·45	1 ·73	20	18	Wed.	14	11 ·35	9 ·46	24	18	Mon.	14	... ...	15 ·66	26
18	Thur.	14	8 ·37	2 ·68	21	19	Thur.	15	12 ·41	10 ·55	25	19	Tues.	15	13 ·03	16 ·75	27
19	Fri.	15	9 ·30	3 ·64	22	20	Fri.	16	13 ·49	11 ·65	26	20	Wed.	16	14 ·07	17 ·80	28
20	Sat.	16	10 ·24	4 ·64	23	21	Sat.	17	14 ·58	12 ·76	27	21	Thur. ●	17	—**A** ·10	18 ·84	29
21	Sun.	17	11 ·21	5 ·64	24	22	Sun.	18	—**A** ·67	13 ·87	28	22	Fri.	18	1 ·11	19 ·85	—30
22	Mon.	18	12 ·19	6 ·66	25	23	Mon.	19	1 ·74	14 ·97	29	23	Sat.	19	2 ·10	20 ·85	1
23	Tues.	19	13 ·21	7 ·70	26	24	Tues.	20	2 ·80	... ...	—30	24	Sun.	20	3 ·06	21 ·82	2
24	Wed.	20	14 ·24	8 ·76	27	25	Wed.	21	3 ·85	15 ·05	1	25	Mon.	21	{4 ·01 / 5 ·94}	22 ·79	3
25	Thur.	21	—**A** ·29	9 ·85	28	26	Thur.	22	4 ·88	16 ·12	2						
26	Fri.	22	1 ·35	10 ·95	29	27	Fri.	23	5 ·89	17 ·17	3	26	Tues.	22	6 ·86	23 ·74	4
27	Sat.	23	2 ·42	... ...	—30	28	Sat.	24	6 ·87	18 ·20	4	27	Wed.	23	7 ·77	24 ·68	5
28	Sun.	24	3 ·51	11 ·05	1	29	Sun.	25	7 ·84	19 ·21	5	28	Thur.	24	8 ·68	25 ·61	6
29	Mon.	25	4 ·60	12 ·16	2	30	Mon.	26	8 ·79	20 ·19	6	—29	Fri.	25	9 ·59	26 ·54	7
30	Tues.	26	5 ·68	13 ·26	3	—31	Tues.	27	9 ·72	21 ·16	7	1	Sat.	26	10 ·49	27 ·48	8
—31	Wed.	27	6 ·74	14 ·35	4	1	Wed.	28	10 ·63	22 ·12	8	2	Sun.	27	11 ·40	1 ·42	9
1	Thur.	28	7 ·78	15 ·44	5	2	Thur.	29	11 ·54	23 ·07	9	3	Mon.	28	12 ·31	2 ·36	10
2	Fri.	29	8 ·80	16 ·50	6					24 ·01		4	Tues.	29	13 ·23	3 ·31	11
3	Sat.	30	9 ·80	17 ·54	7	3	Fri.	30	12 ·45	25 ·94	10	5	Wed.	30	14 ·17	4 ·27	12
4	Sun.	31	10 ·78	18 ·55	8												
	Aug.						**Oct.**						**Dec.**				
Śobhana. **Siṁha—Āvaṇi.** 5	Mon.	1	11 ·74	19 ·55	9	4	Sat.	1	13 ·35	26 ·87	11	6	Thur. ○	1	**P** ·12	5 ·26	13
6	Tues.	2	12 ·69	20 ·54	10	5	Sun.	2	14 ·25	27 ·80	12	7	Fri.	2	1 ·10	6 ·26	14
7	Wed.	3	13 ·62	21 ·50	11	6	Mon.	3	**P** ·15	1 ·73	13	8	Sat.	3	2 ·09	7 ·28	15
8	Thur.	4	14 ·54	22 ·45	12	7	Tues.	4	{1 ·07 / 2 ·99}	2 ·69	14	9	Sun.	4	3 ·11	8 ·31	16
9	Fri.	5	**P** ·44	23 ·39	13							10	Mon.	5	4 ·14	9 ·37	17
10	Sat.	6	1 ·34	24 ·32	14	8	Wed.	5	3 ·92	3 ·64	15	11	Tues.	6	5 ·19	10 ·46	18
11	Sun.	7	2 ·24	25 ·26	15	9	Thur.	6	4 ·87	4 ·61	16	12	Wed.	7	6 ·27	11 ·56	19
12	Mon.	8	3 ·14	26 ·19	16	10	Fri.	7	5 ·84	5 ·60	17	13	Thur.	8	7 ·35	12 ·66	20
13	Tues.	9	{4 ·04 / 5 ·95}	27 ·12	17	11	Sat.	8	6 ·83	6 ·61	18	14	Fri.	9	8 ·44	13 ·77	21
						12	Sun.	9	7 ·84	7 ·65	19	15	Sat.	10	9 ·53	14 ·87	22
14	Wed.	10	6 ·87	1 ·06	18	13	Mon.	10	8 ·88	8 ·70	20	16	Sun.	11	10 ·61	15 ·97	23
				2 ·01		14	Tues.	11	9 ·94	9 ·76	21	17	Mon.	12	11 ·67	... ...	24
15	Thur.	11	7 ·80	3 ·98	19	15	Wed.	12	... ...	10 ·85	22	18	Tues.	13	12 ·72	16 ·05	25
16	Fri.	12	8 ·75	4 ·96	20	16	Thur.	13	10 ·01	11 ·95	23	19	Wed.	14	13 ·75	17 ·11	26
17	Sat.	13	9 ·72	5 ·96	21	17	Fri.	14	11 ·09	... ...	24	20	Thur.	15	14 ·75	18 ·15	27
18	Sun.	14	10 ·70	6 ·97	22	18	Sat.	15	12 ·17	12 ·06	25	21	Fri.	16	—**A** ·74	19 ·17	28
19	Mon.	15	11 ·72	... ...	23	19	Sun.	16	13 ·26	13 ·17	26	22	Sat.	17	1 ·71	20 ·17	—29
20	Tues.	16	12 ·75	7 ·01	24	20	Mon.	17	14 ·34	14 ·27	27	23	Sun.	18	2 ·66	21 ·16	1
21	Wed.	17	13 ·80	8 ·07	25	21	Tues.	18	—**A** ·41	15 ·36	28	24	Mon.	19	3 ·59	22 ·13	2
22	Thur.	18	14 ·87	9 ·16	26	22	Wed.	19	1 ·45	16 ·43	—29	25	Tues.	20	4 ·51	23 ·08	3
23	Fri.	19	—**A** ·94	10 ·25	27	23	Thur.	20	2 ·48	17 ·49	1					24 ·02	
24	Sat.	20	... ...	11 ·35	28	24	Fri.	21	3 ·48	18 ·52	2	26	Wed.	21	5 ·42	25 ·95	4
25	Sun.	21	1 ·03	12 ·46	—29	25	Sat.	22	4 ·46	19 ·53	3	27	Thur.	22	6 ·33	26 ·89	5
26	Mon.	22	2 ·11	13 ·57	1	26	Sun.	23	5 ·43	20 ·52	4	28	Fri.	23	7 ·23	27 ·82	6
27	Tues.	23	3 ·19	14 ·67	2	27	Mon.	24	6 ·38	21 ·49	5	29	Sat.	24	8 ·13	1 ·75	7
28	Wed.	24	4 ·25	15 ·75	3	28	Tues.	25	7 ·31	22 ·46	6				{9 ·04		
29	Thur.	25	5 ·30	16 ·81	4	29	Wed.	26	8 ·23	23 ·41	7	—30	Sun.	25	{10 ·96	2 ·69	8
30	Fri.	26	6 ·32	17 ·85	5	—30	Thur.	27	9 ·14	24 ·34	8	1	Mon.	26	11 ·88	3 ·64	9
—31	Sat.	27	7 ·33	18 ·87	6				{10 ·05			2	Tues.	27	12 ·81	4 ·61	10
1	Sun.	28	8 ·31	19 ·88	7	1	Fri.	28	{11 ·95}	25 ·28	9	3	Wed.	28	13 ·76	5 ·59	11
2	Mon.	29	9 ·27	20 ·87	8	2	Sat.	29	12 ·85	26 ·20	10	4	Thur.	29	14 ·74	6 ·58	12
3	Tues.	30	10 ·22	21 ·83	9	3	Sun.	30	13 ·75	27 ·13	11	5	Fri.	30	**P** ·73	7 ·59	13
4	Wed.	31	11 ·15	22 ·78	10	4	Mon.	31	14 ·67	1 ·08	12	6	Sat.	31	1 ·75	8 ·63	14

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1184. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·35.** **Śaka 1106.** **Kaliyuga 4285.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·30.** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
7	Sun.	1	2 ·79	9 ·68	15	8	Thur.	1	2 ·31	14 ·78	16	8	Tues.	1	4 ·67	20 ·79	18
8	Mon.	2	3 ·85	10 ·77	16	9	Fri.	2	3 ·40	15 ·88	17	9	Wed.	2	5 ·65	21 ·79	19
9	Tues.	3	4 ·91	11 ·86	17	10	Sat.	3	4 ·48	16 ·97	18	10	Thur.	3	6 ·61	22 ·79	20
10	Wed.	4	5 ·99	12 ·96	18	11	Sun.	4	5 ·54	... ...	19	11	Fri.	4	7 ·56	23 ·75	21
11	Thur.	5	... ...	... ...	19	12	Mon.	5	6 ·58	17 ·04	20	12	Sat.	5	8 ·49	24 ·71	22
12	Fri.	6	6 ·09	13 ·06	20	13	Tues.	6	7 ·60	18 ·10	21	13	Sun.	6	9 ·40	25 ·65	23
13	Sat.	7	7 ·17	14 ·17	21	14	Wed.	7	8 ·61	19 ·14	22	14	Mon.	7	10 ·30	26 ·58	24
14	Sun.	8	8 ·25	15 ·28	22	15	Thur.	8	9 ·59	20 ·15	23	15	Tues.	8	11 ·20	27 ·52	25
15	Mon.	9	9 ·32	16 ·36	23	16	Fri.	9	10 ·56	21 ·14	24	16	Wed.	9	12 ·10	1 ·45	26
16	Tues.	10	10 ·37	17 ·42	24	17	Sat.	10	11 ·50	22 ·12	25	17	Thur.	10	13 ·00	2 ·38	27
17	Wed.	11	11 ·39	18 ·47	25	18	Sun.	11	12 ·43	23 ·09	26				14 ·90		
18	Thur.	12	12 ·40	19 ·49	26	19	Mon.	12	13 ·35	24 ·04	27	18	Fri.	11	A ·80	3 ·32	28
19	Fri.	13	13 ·38	20 ·51	27					25 ·98		19	Sat.	12	1 ·72	4 ·27	29
20	Sat.	14	14 ·35	21 ·49	28	20	Tues.	13	14 ·26	26 ·91	28	20	Sun.	13	2 ·65	5 ·24	30
21	Sun.	15	A ·30	22 ·46	29	21	Wed.	14	A ·16	27 ·84	29	21	Mon.	14	3 ·60	6 ·21	1
22	Mon.	16	1 ·23	23 ·41	30	22	Thur.	15	1 ·06	1 ·77	30	22	Tues.	15	4 ·58	7 ·20	2
23	Tues.	17	2 ·15	24 ·36	1				2 ·96			23	Wed.	16	5 ·56	8 ·21	3
24	Wed.	18	3 ·06	25 ·30	2	23	Fri.	16	3 ·86	2 ·71	1	24	Thur.	17	6 ·58	9 ·24	4
			4 ·96			24	Sat.	17	4 ·77	3 ·65	2	25	Fri.	18	7 ·61	10 ·30	5
25	Thur.	19	5 ·86	26 ·23	3	25	Sun.	18	5 ·69	4 ·60	3	26	Sat.	19	8 ·66	11 ·37	6
26	Fri.	20	6 ·76	27 ·16	4	26	Mon.	19	6 ·63	5 ·57	4	27	Sun.	20	9 ·73	12 ·46	7
27	Sat.	21	7 ·68	1 ·09	5	27	Tues.	20	7 ·58	6 ·55	5	28	Mon.	21	10 ·80	13 ·56	8
				2 ·03		28	Wed.	21	8 ·55	7 ·56	6	29	Tues.	22	11 ·88	14 ·67	9
28	Sun.	22	8 ·59	3 ·98	6	29	Thur.	22	9 ·54	8 ·58	7	30	Wed.	23	12 ·96	15 ·77	10
29	Mon.	23	9 ·51	4 ·94	7	30	Fri.	23	10 ·54	9 ·62	8	31	Thur.	24	... ...	16 ·88	11
1	Tues.	24	10 ·44	5 ·91	8	1	Sat.	24	11 ·58	10 ·68	9	32	Fri.	25	13 ·04	17 ·97	12
2	Wed.	25	11 ·40	6 ·90	9	2	Sun.	25	12 ·63	11 ·76	10	1	Sat.	26	14 ·09	... ...	13
3	Thur.	26	12 ·38	7 ·91	10	3	Mon.	26	13 ·70	12 ·86	11	2	Sun.	27	P ·14	18 ·04	14
4	Fri.	27	13 ·36	8 ·94	11	4	Tues.	27	14 ·78	13 ·97	12	3	Mon.	28	1 ·16	19 ·08	15
5	Sat.	28	14 ·38	... ...	12	5	Wed.	28	P ·86	... ...	13	4	Tues.	29	2 ·15	20 ·11	16
6	Sun.	29	P ·41	9 ·00	13	6	Thur.	29	1 ·95	14 ·08	14	5	Wed.	30	3 ·14	21 ·13	17
7	Mon.	30	1 ·47	10 ·07	14	7	Fri.	30	... ...	15 ·18	15	6	Thur.	31	4 ·10	22 ·12	18
8	Tues.	31	2 ·54	11 ·16	15	8	Sat.	31	2 ·02	16 ·27	16						
	Feb.						**April.**						**June.**				
9	Wed.	1	3 ·62	12 ·25	16	9	Sun.	1	3 ·08	17 ·36	17	7	Fri.	1	5 ·05	23 ·09	19
10	Thur.	2	4 ·71	13 ·36	17	10	Mon.	2	4 ·13	18 ·42	18				6 ·97		
11	Fri.	3	5 ·80	14 ·48	18	11	Tues.	3	5 ·16	19 ·45	19	8	Sat.	2	7 ·88	24 ·04	20
12	Sat.	4	6 ·87	15 ·58	19	12	Wed.	4	6 ·16	20 ·47	20					25 ·99	
13	Sun.	5	7 ·94	16 ·66	20	13	Thur.	5	7 ·14	21 ·47	21	9	Sun.	3	8 ·79	26 ·93	21
14	Mon.	6	8 ·99	17 ·73	21	14	Fri.	6	8 ·00	22 ·45	22	10	Mon.	4	9 ·69	27 ·86	22
15	Tues.	7	... ..	18 ·78	22	15	Sat.	7	9 ·04	23 ·42	23	11	Tues.	5	10 ·58	1 ·79	23
16	Wed.	8	9 ·01	19 ·82	23				10 ·97			12	Wed.	6	11 ·48	2 ·72	24
17	Thur.	9	10 ·02	20 ·83	24	16	Sun.	8	11 ·89	24 ·37	24	13	Thur.	7	12 ·38	3 ·66	25
			11 ·00			17	Mon.	9	12 ·80	25 ·31	25	14	Fri.	8	13 ·29	4 ·61	26
18	Fri.	10	12 ·97	21 ·82	25	18	Tues.	10	13 ·70	26 ·25	26	15	Sat.	9	14 ·21	5 ·57	27
19	Sat.	11	13 ·92	22 ·79	26	19	Wed.	11	14 ·60	27 ·17	27	16	Sun.	10	A ·14	6 ·54	28
20	Sun.	12	14 ·85	23 ·75	27	20	Thur.	12	A ·50	1 ·11	28	17	Mon.	11	1 ·09	7 ·52	29
21	Mon.	13	A ·77	24 ·70	28	21	Fri.	13	1 ·40	2 ·05	29	18	Tues.	12	2 ·06	8 ·53	1
22	Tues.	14	1 ·67	25 ·64	29					3 ·94		19	Wed.	13	3 ·04	9 ·55	2
23	Wed.	15	2 ·57	26 ·57	1	22	Sat.	14	2 ·30	4 ·93	1	20	Thur.	14	4 ·05	10 ·61	3
24	Thur.	16	3 ·47	27 ·50	2	23	Sun.	15	3 ·22	5 ·90	2	21	Fri.	15	5 ·08	11 ·68	4
25	Fri.	17	4 ·38	1 ·43	3	24	Mon.	16	4 ·16	6 ·88	3	22	Sat.	16	6 ·14	12 ·76	5
26	Sat.	18	5 ·29	2 ·36	4	25	Tues.	17	5 ·11	7 ·88	4	23	Sun.	17	7 ·20	13 ·86	6
27	Sun.	19	6 ·20	3 ·32	5	26	Wed.	18	6 ·08	8 ·89	5	24	Mon.	18	8 ·28	14 ·97	7
28	Mon.	20	7 ·12	4 ·27	6	27	Thur.	19	7 ·08	9 ·93	6	25	Tues.	19	9 ·36	... ..	8
29	Tues.	21	8 ·06	5 ·24	7	28	Fri.	20	8 ·07	10 ·99	7	26	Wed.	20	10 ·44	15 ·08	9
			9 ·01			29	Sat.	21	9 ·11	... ...	8	27	Thur.	21	11 ·52	16 ·18	10
30	Wed.	22	10 ·98	6 ·22	8	30	Sun.	22	10 ·16	11 ·07	9	28	Fri.	22	12 ·57	17 ·27	11
1	Thur.	23	11 ·97	7 ·23	9	31	Mon.	23	11 ·22	12 ·16	10	29	Sat.	23	13 ·61	18 ·34	12
2	Fri.	24	12 ·98	8 ·26	10	1	Tues.	24	12 ·30	13 ·26	11	30	Sun.	24	14 ·63	19 ·40	13
3	Sat.	25	.. ...	9 ·31	11	2	Wed.	25	13 ·39	14 ·37	12	31	Mon.	25	P ·64	20 ·44	14
4	Sun.	26	13 ·02	10 ·37	12	3	Thur.	26	14 ·47	15 ·48	13	1	Tues.	26	1 ·62	21 ·45	15
5	Mon.	27	14 ·07	11 ·46	13	4	Fri.	27	P ·55	16 ·58	14	2	Wed.	27	2 ·58	22 ·44	16
6	Tues.	28	P ·14	12 ·55	14	5	Sat.	28	1 ·60	17 ·64	15	3	Thur.	28	3 ·53	23 ·42	17
7	Wed.	29	1 ·22	13 ·67	15	6	Sun.	29	2 ·64	18 ·73	16	4	Fri.	29	4 ·44	24 ·38	18
						7	Mon.	30	3 ·67	19 ·77	17	5	Sat.	30	5 ·35	25 ·33	19

Śobhana. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Śobhana.* **Kumbha—Māśi.** *Bahula.* **Phālguna.** *Sukla.* *H. 579 Ramażān.* *H. 579 Shawwāl.* *H. 579 Zi-l-ka'da.* *Krodhin.* **Mēsha—Chittirai.** *Bahula.* **Vaiśākha.** *Sukla.* *H. 580 Muharram.* *H. 579 Zi-l-hijja.* *Śobhana.* **Mīna—Pāṅguni.** *Bahula.* **Phāl.** *Sukla.* **Chaitra.** *Krodhin.* **Mithuna—Āni.** *Bahula.* **Āshādha.** *Sukla.* *H. 580 Muharram.* *H. 579 Zi-l-ka'da.* *Krodhin.* **Vrishabha—Vaigāśi.** *Bahula.* *Sukla.* **Jyeshtha.** *H. 580 Śafar.* *H. 580 Rabi-ul awwal.*

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1184. **Kollam 360,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 580.** **Vikrama 1241.**
A—Amāvāsyā. Commences Commences **April 14.** **Bengal San. 590.**
P—Paurnimā. **(N. Cycle) Kilaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Sun.	1	6 ·26	26 ·27	20	5	Sat.	1	10 ·59	7 ·51	23	6	Thur.	1	12 ·92	12 ·37	25
7	Mon.	2	7 ·16	27 ·20	21	6	Sun.	2	11 ·57	8 ·50	24	7	Fri.	2	... ...	14 ·47	26
8	Tues.	3	8 ·06 / 9 ·96	1 ·13	22	7	Mon.	3	12 ·55	9 ·51	25	8	Sat.	3	13 ·00	15 ·57	27
9	Wed.	4	10 ·86	2 ·06	23	8	Tues.	4	13 ·56	10 ·54	26	9	Sun.	4	14 ·09	16 ·69	28
10	Thur.	5	*Bahula.* 11 ·76	3 ·00 / 4 ·95	24	9	Wed.	5	14 ·60	11 ·60	27	10	Mon. ●	5	—**A** ·18	17 ·79	29
11	Fri.	6	12 ·68	5 ·90	25	10	Thur.	6	—**A** ·65	12 ·68	28	11	Tues.	6	1 ·26	18 ·88	—30
12	Sat.	7	13 ·61	6 ·86	26	11	Fri.	7	1 ·72	13 ·77	29	12	Wed.	7	2 ·32	19 ·96	1
13	Sun.	8	14 ·57	7 ·85	27	12	Sat.	8	2 ·80	14 ·87	—30	13	Thur.	8	3 ·37	... ...	2
14	Mon.	9	—**A** ·54	8 ·85	28	13	Sun.	9	3 ·90	15 ·98	1	14	Fri.	9	4 ·39	20 ·01	3
15	Tues.	10	1 ·52	9 ·88	29	14	Mon.	10	4 ·98	... ...	2	15	Sat.	10	5 ·40	21 ·06	4
16	Wed.	11	2 ·53	10 ·92	—30	15	Tues.	11	... ...	16 ·09	3	16	Sun.	11	6 ·38	22 ·07	5
17	Thur.	12	3 ·56	11 ·98	1	16	Wed.	12	5 ·05	17 ·19	4	17	Mon.	12	7 ·34	23 ·07	6
18	Fri.	13	4 ·61	... ...	2	17	Thur.	13	6 ·11	18 ·27	5	18	Tues.	13	8 ·29	24 ·04	7
19	Sat.	14	5 ·68	12 ·06	3	18	Fri.	14	7 ·15	19 ·34	6	19	Wed.	14	9 ·22	25 ·00 / 26 ·96	8
20	Sun.	15	6 ·76	13 ·16	4	19	Sat.	15	8 ·18	20 ·39	7	20	Thur.	15	10 ·14	27 ·90	9
21	Mon.	16	7 ·84	14 ·27	5	20	Sun.	16	9 ·18	21 ·41	8	21	Fri.	16	11 ·05 / 12 ·96	1 ·83	10
22	Tues.	17	8 ·93	15 ·38	6	21	Mon.	17	10 ·17	22 ·42	9	22	Sat.	17	13 ·86	2 ·76	11
23	Wed.	18	... ...	16 ·48	7	22	Tues.	18	11 ·13	23 ·41	10	23	Sun.	18	14 ·76	3 ·69	12
24	Thur.	19	9 ·00	17 ·58	8	23	Wed.	19	12 ·07	24 ·38	11	24	Mon.	19	**P** ·67	4 ·63	13
25	Fri.	20	10 ·06	18 ·65	9	24	Thur.	20	13 ·00 / 14 ·92	25 ·34	12	25	Tues.	20	1 ·58	5 ·58	14
26	Sat.	21	11 ·10	19 ·72	10	25	Fri.	21	**P** ·83	26 ·28	13	26	Wed.	21	2 ·51	6 ·53	15
27	Sun.	22	12 ·12	20 ·76	11	26	Sat.	22	1 ·73	27 ·22	14	27	Thur.	22	3 ·44	7 ·49	16
28	Mon.	23	13 ·12	21 ·77	12	27	Sun.	23	2 ·63	1 ·16	15	28	Fri.	23	4 ·40	8 ·47	17
29	Tues.	24	14 ·10	22 ·77	13	28	Mon.	24	3 ·53	2 ·09	16	29	Sat.	24	5 ·38	9 ·48	18
30	Wed.	25	**P** ·07	23 ·75	14	29	Tues.	25	4 ·44	3 ·02 / 4 ·65	17	—30	Sun.	25	6 ·37	10 ·50	19
31	Thur.	26	1 ·01 / 2 ·94	24 ·72	15	—30	Wed.	26	5 ·35	5 ·60	18	1	Mon.	26	7 ·38	11 ·54	20
—32	Fri.	27	3 ·85	25 ·67	16	1	Thur.	27	6 ·27	6 ·86	19	2	Tues.	27	8 ·42	12 ·59	21
1	Sat.	28	4 ·75	26 ·61	17	2	Fri.	28	7 ·21	7 ·83	20	3	Wed.	28	9 ·48	13 ·67	22
2	Sun.	29	5 ·65	27 ·54	18	3	Sat.	29	8 ·16	8 ·82	21	4	Thur.	29	10 ·55	14 ·77	23
3	Mon.	30	6 ·55	1 ·47	19	4	Sun.	30	9 ·14	9 ·83	22	5	Fri.	30	11 ·64	15 ·88	24
4	Tues.	31	7 ·45	2 ·40	20												
	Aug.						**Oct.**						**Dec.**				
5	Wed.	1	8 ·35	3 ·34	21	5	Mon.	1	10 ·12	10 ·86	23	6	Sat.	1	12 ·73	16 ·99	25
6	Thur.	2	9 ·26	4 ·28	22	6	Tues.	2	11 ·14	11 ·92	24	7	Sun.	2	13 ·82	... ...	26
7	Fri.	3	10 ·18	5 ·23	23	7	Wed.	3	12 ·17	12 ·98	25	8	Mon.	3	14 ·89	17 ·09	27
8	Sat.	4	11 ·12	6 ·19	24	8	Thur.	4	13 ·23	... ...	26	9	Tues.	4	—**A** ·96	18 ·18	28
9	Sun.	5	12 ·07	7 ·17	25	9	Fri.	5	14 ·31	13 ·07	27	10	Wed.	5	... ...	19 ·26	—29
10	Mon.	6	13 ·03	8 ·18	26	10	Sat.	6	—**A** ·39	14 ·17	28	11	Thur.	6	1 ·01	20 ·33	1
11	Tues.	7	14 ·02	9 ·19	27	11	Sun.	7	1 ·48	15 ·27	—29	12	Fri.	7	2 ·03	21 ·37	2
12	Wed.	8	—**A** ·03	10 ·23	28	12	Mon.	8	2 ·56	16 ·39	1	13	Sat.	8	3 ·04	22 ·39	3
13	Thur.	9	1 ·07	11 ·29	—29	13	Tues.	9	3 ·64	17 ·49	2	14	Sun.	9	4 ·02 / 5 ·99	23 ·39	4
14	Fri.	10	2 ·12	12 ·37	1	14	Wed.	10	4 ·70	18 ·58	3	15	Mon.	10	6 ·94	24 ·37	5
15	Sat.	11	3 ·19	13 ·47	2	15	Thur.	11	5 ·75	19 ·65	4	16	Tues.	11	7 ·87	25 ·35	6
16	Sun.	12	4 ·26	14 ·57	3	16	Fri.	12	6 ·77	20 ·70	5	17	Wed.	12	8 ·78	26 ·30	7
17	Mon.	13	5 ·35	15 ·68	4	17	Sat.	13	7 ·77	21 ·73	6	18	Thur.	13	9 ·69	27 ·24	8
18	Tues.	14	6 ·44	16 ·78	5	18	Sun.	14	8 ·76	22 ·75	7	19	Fri.	14	10 ·60	1 ·17	9
19	Wed.	15	7 ·51	17 ·88	6	19	Mon.	15	9 ·72	23 ·74	8	20	Sat.	15	11 ·50	2 ·10	10
20	Thur.	16	8 ·57	18 ·97	7	20	Tues.	16	10 ·66	24 ·71	9					3 ·04	
21	Fri.	17	9 ·61	... ...	8	21	Wed.	17	11 ·59	25 ·67	10	21	Sun.	16	12 ·40	4 ·07	11
22	Sat.	18	10 ·64	19 ·03	9	22	Thur.	18	12 ·52	26 ·62	11	22	Mon.	17	13 ·31	5 ·91	12
23	Sun.	19	11 ·64	20 ·07	10	23	Fri.	19	13 ·43	27 ·56	12	23	Tues.	18	14 ·23	6 ·86	13
24	Mon.	20	12 ·61	21 ·09	11	24	Sat.	20	14 ·33	1 ·49	13	24	Wed.	19	**P** ·15	7 ·82	14
25	Tues.	21	13 ·58	22 ·09	12	25	Sun.	21	**P** ·23	2 ·42	14	25	Thur.	20	1 ·09	8 ·79	15
26	Wed.	22	14 ·52	23 ·08	13	26	Mon.	22	1 ·13	3 ·35	15	26	Fri.	21	2 ·05	9 ·80	16
27	Thur.	23	**P** ·45	24 ·05 / 25 ·00	14	27	Tues.	23	2 ·04 / 3 ·95	4 ·29	16	27	Sat.	22	3 ·02	10 ·81	17
28	Fri.	24	1 ·37	26 ·94	15	28	Wed.	24	4 ·88	5 ·24	17	28	Sun.	23	4 ·03	11 ·85	18
29	Sat.	25	2 ·28	27 ·88	16	29	Thur.	25	5 ·81	6 ·19	18	—29	Mon.	24	5 ·04	12 ·90	19
30	Sun.	26	3 ·18	1 ·81	17	—30	Fri.	26	6 ·76	7 ·16	19	1	Tues.	25	6 ·08	13 ·98	20
—31	Mon.	27	4 ·08 / 5 ·9	2 ·75	18	1	Sat.	27	7 ·74	8 ·15	20	2	Wed.	26	7 ·13	... ...	21
1	Tues.	28	6 ·88	3 ·68	19	2	Sun.	28	8 ·73	9 ·15	21	3	Thur.	27	8 ·20	14 ·08	22
2	Wed.	29	7 ·79	4 ·62	20	3	Mon.	29	9 ·75	10 ·18	22	4	Fri.	28	9 ·29	15 ·18	23
3	Thur.	30	8 ·71	5 ·56	21	4	Tues.	30	10 ·79	11 ·22	23	5	Sat.	29	10 ·38	16 ·28	24
4	Fri.	31	9 ·64	6 ·52	22	5	Wed.	31	11 ·85	12 ·29	24	6	Sun.	30	11 ·47	17 ·38	25
												7	Mon.	31	12 ·54	18 ·49	26

Krodhin. **Karkataka—Ādi.** *Krodhin.* **Kanyā—Purattāsi.** *Krodhin.* **Vṛiśchika—Kārttigai.**

Krodhin. **Simha—Āvani.** *Krodhin.* **Tulā—Aippasi.** *Krodhin.* **Dhanus—Mārgali.**

Sukla. **Śrāvana.** *Bahula.* **Āśvina.** *Sukla.* **Kārttika.** *Bahula.* **Pausha.**

Sukla. **Bhādrapada.** *Bahula.* **Āśvina.** *Sukla.* **Kārttika.** *Bahula.* **Pausha.**

H. 580 Rabi-ul awwal. *H. 580 Rabi-ul ākhir.* *H. 580 Jamāda'l awwal.* *H. 580 Jamāda'l ākhir.* *H. 580 Rajab.* *H. 580 Sha'bān.* *H. 580 Ramazān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1185. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·61.** **Saka 1107.** **Kaliyuga 4286.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·56.** **(S. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Tues.	1	13 ·61	19 ·58	27	8	Fri.	1	13 ·89	23 ·37	27	8	Wed.	●1	—**A** ·51	3 ·73	28
9	Wed.	2	14 ·66	20 ·64	28	9	Sat.	2	14 ·85	24 ·36	28	9	Thur.	2	1 ·41	4 ·67	29
10	Thur.	3	—**A** ·68	21 ·69	29	10	Sun.	3	—**A** ·80	25 ·34	29	10	Fri.	3	2 ·31	5 ·60	—30
11	Fri.	4	1 ·68	22 ·71	—30	11	Mon.	4	1 ·73	26 ·30	—30	11	Sat.	4	3 ·21	6 ·54	1
12	Sat.	5	2 ·66	23 ·72	1	12	Tues.	5	2 ·65	27 ·26	1	12	Sun.	5	4 ·13	7 ·49	2
13	Sun.	6	3 ·63	24 ·71	2	13	Wed.	6	3 ·55	1 ·19	2				5 ·05		
14	Mon.	7	4 ·58	25 ·68	3	14	Thur.	7	4 ·45	2 ·13	3	13	Mon.	6	6 ·98	8 ·45	3
15	Tues.	8	5 ·51	26 ·63	4	15	Fri.	8	5 ·35	3 ·06	4	14	Tues.	7	7 ·93	9 ·43	4
16	Wed.	9	6 ·43	27 ·57	5					4 ·99		15	Wed.	8	8 ·90	10 ·42	5
17	Thur.	10	7 ·34	1 ·51	6	16	Sat.	9	6 ·25	5 ·92	5	16	Thur.	9	9 ·90	11 ·43	6
18	Fri.	11	8 ·24	2 ·44	7	17	Sun.	10	7 ·16	6 ·87	6	17	Fri.	10	10 ·91	12 ·46	7
19	Sat.	12	9 ·14	3 ·38	8	18	Mon.	11	8 ·07	7 ·82	7	18	Sat.	11	11 ·94	13 ·51	8
			10 ·04						9 ·00			19	Sun.	12	12 ·99	14 ·60	9
20	Sun.	13	11 ·95	4 ·31	9	19	Tues.	12	10 ·93	8 ·79	8	20	Mon.	13	.. ...	15 ·68	10
21	Mon.	14	12 ·87	5 ·25	10	20	Wed.	13	11 ·88	9 ·77	9	21	Tues.	14	13 ·05	16 ·78	11
22	Tues.	15	13 ·80	6 ·19	11	21	Thur.	14	12 ·86	10 ·77	10	22	Wed.	15	14 ·13	17 ·89	12
23	Wed.	16	14 ·74	7 ·15	12	22	Fri.	15	13 ·85	11 ·80	11	23	Thur.	16	**P** ·22	... ..	13
24	Thur.	17	**P** ·69	8 ·13	13	23	Sat.	16	14 ·87	12 ·84	12	24	Fri.	17	1 ·30	18 ·00	14
25	Fri.	18	1 ·66	9 ·12	14	24	Sun.	17	**P** ·90	13 ·90	13	25	Sat.	18	2 ·37	19 ·09	15
26	Sat.	19	2 ·66	10 ·13	15	25	Mon.	18	1 ·95	14 ·98	14	26	Sun.	19	3 ·43	20 ·19	16
27	Sun.	20	3 ·68	11 ·16	16	26	Tues.	19	... ...	... ...	15	27	Mon.	20	4 ·47	21 ·26	17
28	Mon.	21	4 ·72	12 ·21	17	27	Wed.	20	2 ·02	15 ·07	16	28	Tues.	21	5 ·49	22 ·30	18
—29	Tues.	22	5 ·77	13 ·29	18	28	Thur.	21	3 ·10	16 ·18	17	29	Wed.	22	6 ·48	23 ·33	19
1	Wed.	23	6 ·84	14 ·38	19	29	Fri.	22	4 ·19	17 ·29	18	30	Thur.	23	7 ·46	24 ·34	20
2	Thur.	24	7 ·92	15 ·48	20	30	Sat.	23	5 ·27	18 ·40	19	31	Fri.	24	8 ·42	25 ·34	21
3	Fri.	25	... ...	16 ·58	21	—31	Sun.	24	6 ·34	19 ·49	20	—32	Sat.	25	9 ·36	26 ·31	22
4	Sat.	26	8 ·01	17 ·69	22	1	Mon.	25	7 ·40	20 ·57	21	1	Sun.	26	10 ·29	27 ·26	23
5	Sun.	27	9 ·10	18 ·80	23	2	Tues.	26	8 ·45	21 ·64	22	2	Mon.	27	11 ·20	1 ·21	24
6	Mon.	28	10 ·17	19 ·88	24	3	Wed.	27	9 ·47	22 ·67	23	3	Tues.	28	12 ·10	2 ·14	25
7	Tues.	29	11 ·23	20 ·95	25	4	Thur.	28	10 ·47	23 ·67	24				13 ·00		
8	Wed.	30	12 ·28	... ...	26	5	Fri.	29	11 ·45	24 ·69	25	4	Wed.	29	14 ·90	3 ·08	26
9	Thur.	31	13 ·32	21 ·00	27	6	Sat.	30	12 ·41	25 ·67	26						
						7	Sun.	31	13 ·35	26 ·64	27	5	Thur.	30	—**A** ·80	4 ·01	27
																5 ·94	
		Feb.						**April.**				6	Fri.	31	1 ·70	6 ·88	28
														June.			
10	Fri.	1	14 ·31	22 ·03	28	8	Mon.	1	14 ·28	27 ·59	28	7	Sat.	1	2 ·61	7 ·82	—29
11	Sat.	2	—**A** ·30	23 ·05	—29	9	Tues.	2	—**A** ·20	1 ·53	29	8	Sun.	2	3 ·53	8 ·79	1
12	Sun.	3	1 ·26	24 ·01	1	10	Wed.	3	1 ·10	2 ·47	—30	9	Mon.	3	4 ·46	9 ·76	2
13	Mon.	4	2 ·20	25 ·01	2	11	Thur.	4	2 ·00	3 ·39	1	10	Tues.	4	5 ·41	10 ·74	3
				26 ·97					3 ·90			11	Wed.	5	6 ·38	11 ·75	4
14	Tues.	5	3 ·13	27 ·91	3	12	Fri.	5	4 ·80	4 ·32	2	12	Thur.	6	7 ·38	12 ·78	5
			4 ·05			13	Sat.	6	5 ·70	5 ·27	3	13	Fri.	7	8 ·39	13 ·83	6
15	Wed.	6	5 ·96	1 ·85	4	14	Sun.	7	6 ·61	6 ·21	4	14	Sat.	8	9 ·42	14 ·90	7
16	Thur.	7	6 ·86	2 ·79	5	15	Mon.	8	7 ·53	7 ·15	5	15	Sun.	9	10 ·47	15 ·98	8
17	Fri.	8	7 ·76	3 ·72	6	16	Tues.	9	8 ·47	8 ·12	6	16	Mon.	10	11 ·53	... ...	9
18	Sat.	9	8 ·66	4 ·65	7	17	Wed.	10	9 ·43	9 ·09	7	17	Tues.	11	12 ·61	16 ·08	10
19	Sun.	10	9 ·57	5 ·58	8	18	Thur.	11	10 ·40	10 ·10	8	18	Wed.	12	13 ·70	17 ·19	11
20	Mon.	11	10 ·49	6 ·53	9	19	Fri.	12	11 ·38	11 ·11	9	19	Thur.	13	14 ·78	18 ·30	12
21	Tues.	12	11 ·41	7 ·49	10	20	Sat.	13	12 ·40	12 ·15	10	20	Fri.	14	**P** ·85	19 ·40	13
22	Wed.	13	12 ·35	8 ·46	11	21	Sun.	14	13 ·43	13 ·21	11	21	Sat.	15	1 ·91	20 ·49	14
23	Thur.	14	13 ·30	9 ·44	12	22	Mon.	15	14 ·48	14 ·28	12	22	Sun.	16	2 ·95	21 ·56	15
24	Fri.	15	14 ·28	10 ·45	13	23	Tues.	○16	**P** ·55	15 ·38	13	23	Mon.	17	3 ·97	22 ·62	16
25	Sat.	16	**P** ·27	11 ·47	14	24	Wed.	17	1 ·63	16 ·48	14	24	Tues.	18	4 ·96	23 ·65	17
26	Sun.	17	1 ·29	12 ·53	15	25	Thur.	18	2 ·71	17 ·59	15	25	Wed.	19	5 ·94	24 ·67	18
27	Mon.	18	2 ·33	13 ·59	16	26	Fri.	19	3 ·80	18 ·70	16	26	Thur.	20	6 ·89	25 ·66	19
28	Tues.	19	3 ·38	14 ·68	17	27	Sat.	20	4 ·87	19 ·79	17	27	Fri.	21	7 ·84	26 ·64	20
29	Wed.	20	4 ·45	15 ·77	18	28	Sun.	21	5 ·98	20 ·88	18	28	Sat.	22	8 ·77	27 ·59	21
—30	Thur.	21	5 ·53	16 ·88	19	29	Mon.	22	6 ·97	21 ·95	19	29	Sun.	23	9 ·68	1 ·54	22
1	Fri.	22	6 ·62	... ...	20	—30	Tues.	23	7 ·99	22 ·99	20	30	Mon.	24	10 ·58	2 ·49	23
2	Sat.	23	7 ·70	17 ·00	21	1	Wed.	24	8 ·99	... ...	21	—31	Tues.	25	11 ·48	3 ·42	24
3	Sun.	24	8 ·78	18 ·10	22	2	Thur.	25	9 ·97	23 ·01	22	1	Wed.	26	12 ·38	4 ·35	25
4	Mon.	25	9 ·84	19 ·19	23	3	Fri.	26	10 ·93	24 ·01	23	2	Thur.	27	13 ·27	5 ·28	26
5	Tues.	26	10 ·88	20 ·26	24					25 ·00		3	Fri.	28	14 ·17	6 ·21	27
6	Wed.	27	11 ·91	21 ·31	25	4	Sat.	27	11 ·87	26 ·97	24	4	Sat.	29	—**A** ·08	7 ·17	28
7	Thur.	28	12 ·90	22 ·35	26	5	Sun.	28	12 ·79	27 ·93	25	5	Sun.	30	1 ·00	8 ·12	29
						6	Mon.	29	13 ·71	1 ·87	26				2 ·94		
						7	Tues.	30	14 ·61	2 ·80	27						

Krodhin. **Makara—Tai.** *Viśvāvasu.* **Vṛishabha—Vaigāśi.**
Krodhin. **Kumbha—Māśi.** *Viśvāvasu.* **Mithuna—Āni.**
Krodhin. **Mīna—Paṅguni.** *Viśvāvasu.* **Mēsha—Chittirai.**

Sukla. *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

Māgha. **Phālguna.** **Chaitra.** **Vaiśākha.** **Jyeshtha.** **Āshādha.**

H. 580 *Shawwāl.* *H.* 580 *Zi-l-ka'da.* *H.* 580 *Zi-l-hijja.* *H.* 581 *Muharram.* *H.* 581 *Ṣafar.* *H.* 581 *Rabi-ul awwal.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1185. **Kollam 361,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 581.** **Vikrama 1242.**
A—Amāvāsyā. Commences **April 4.** **Bengal San. 591.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
6	Mon. 1	3 ·90	9 ·08	—30	5	Sun. 1	5 ·04	... ...	3	6	Fri. 1	*Śukla.* 7 ·66	22 ·18	5
7	Tues. 2	4 ·87	10 ·07	1	6	Mon. 2	6 ·12	17 ·09	4	7	Sat. 2	8 ·69	23 ·23	6
8	Wed. 3	5 ·85	11 ·07	2	7	Tues. 3	7 ·21	18 ·20	5	8	Sun. 3	9 ·68	24 ·27	7
9	Thur. 4	6 ·80	12 ·09	3	8	Wed. 4	8 ·29	19 ·30	6	9	Mon. 4	10 ·66	25 ·29	8
10	Fri. 5	7 ·90	13 ·14	4	9	Thur. 5	9 ·37	20 ·40	7	10	Tues. 5	11 ·63	26 ·29	9
11	Sat. 6	8 ·95	14 ·20	5	10	Fri. 6	10 ·43	21 ·49	8	11	Wed. 6	12 ·57	27 ·26	10
12	Sun. 7	*Śukla.*	15 ·29	6	11	Sat. 7	11 ·47	22 ·56	9	12	Thur. 7	13 ·50	1 ·22	11
13	Mon. 8	9 ·02	16 ·38	7	12	Sun. 8	12 ·49	23 ·61	10	13	Fri. 8	14 ·42	2 ·17	12
14	Tues. 9	10 ·10	17 ·49	8	13	Mon. 9	13 ·49	24 ·63	11	14	Sat. 9	P ·33	3 ·12	13
15	Wed. 10	11 ·18	18 ·60	9	14	Tues. 10	14 ·47	25 ·64	12	15	Sun. 10	1 ·23	4 ·05 / 5 ·98	14
16	Thur. 11	12 ·26	19 ·70	10	15	Wed. 11	P ·43	26 ·63	13					
17	Fri. 12	13 ·33	20 ·80	11	16	Thur. 12	1 ·37	27 ·60	14	16	Mon. 11	2 ·13	6 ·91	15
18	Sat. 13	14 ·39	21 ·87	12	17	Fri. 13	2 ·30	1 ·56	15	17	Tues. 12	*Bahula.* 3 ·03 / 4 ·94	7 ·84	16
19	Sun. 14	P ·43	22 ·93	13	18	Sat. 14	3 ·22	2 ·50	16					
20	Mon. 15	1 ·45	23 ·98	14	19	Sun. 15	4 ·12	3 ·44	17	18	Wed. 13	5 ·86	8 ·79	17
21	Tues. 16	2 ·44	24 ·99	15	20	Mon. 16	5 ·02 / 6 ·92	4 ·37	18	19	Thur. 14	6 ·79	9 ·75	18
22	Wed. 17	3 ·42	25 ·99	16						20	Fri. 15	7 ·73	10 ·71	19
23	Thur. 18	4 ·38	26 ·97	17	21	Tues. 17	7 ·82	5 ·30	19	21	Sat. 16	8 ·69	11 ·69	20
24	Fri. 19	5 ·32	27 ·93	18	22	Wed. 18	8 ·73	6 ·24	20	22	Sun. 17	9 ·67	12 ·69	21
25	Sat. 20	6 ·25	1 ·89	19	23	Thur. 19	9 ·64	7 ·17	21	23	Mon. 18	10 ·66	13 ·72	22
26	Sun. 21	7 ·16	2 ·83	20	24	Fri. 20	10 ·53	8 ·12	22	24	Tues. 19	11 ·68	14 ·76	23
27	Mon. 22	*Bahula.* 8 ·06 / 9 ·95	3 ·76	21	25	Sat. 21	11 ·51	9 ·07	23	25	Wed. 20	12 ·72	15 ·82	24
					26	Sun. 22	12 ·47	10 ·05	24	26	Thur. 21	13 ·77	16 ·89	25
28	Tues. 23	10 ·86	4 ·69	22	27	Mon. 23	13 ·44	11 ·04	25	27	Fri. 22	14 ·85	17 ·99	26
29	Wed. 24	11 ·76	5 ·62	23	28	Tues. 24	14 ·44	12 ·05	26	28	Sat. 23	A ·94	... ...	27
30	Thur. 25	12 ·66	6 ·56	24	29	Wed. 25	A ·45	13 ·08	27	29	Sun. 24	... ...	18 ·09	28
31	Fri. 26	13 ·57	7 ·50	25	—30	Thur. 26	1 ·48	14 ·13	28	—30	Mon. 25	1 ·03	19 ·21	—29
—32	Sat. 27	14 ·49	8 ·45	26	1	Fri. 27	2 ·54	15 ·20	—29	1	Tues. 26	2 ·11	20 ·31	1
1	Sun. 28	A ·43	9 ·41	27	2	Sat. 28	3 ·61	16 ·26	1	2	Wed. 27	3 ·19	21 ·40	2
2	Mon. 29	1 ·38	10 ·39	28	3	Sun. 29	4 ·69	17 ·39	2	3	Thur. 28	4 ·25	22 ·48	3
3	Tues. 30	2 ·36	11 ·39	—29	4	Mon. 30	5 ·78	18 ·50	3	4	Fri. 29	5 ·30	23 ·54	4
4	Wed. 31	3 ·35	12 ·41	1						5	Sat. 30	6 ·33	24 ·59	5
	Aug.					**Oct.**					**Dec.**			
5	Thur. 1	*Śukla.* 4 ·36	13 ·45	2	5	Tues. 1	*Śukla.* 6 ·87	19 ·61	4	6	Sun. 1	7 ·32	25 ·61	6
6	Fri. 2	5 ·39	14 ·51	3	6	Wed. 2	7 ·94	20 ·71	5	7	Mon. 2	8 ·30	26 ·61	7
7	Sat. 3	6 ·45	15 ·59	4	7	Thur. 3	... ...	21 ·80	6	8	Tues. 3	9 ·26	27 ·59	8
8	Sun. 4	7 ·52	16 ·68	5	8	Fri. 4	8 ·00	22 ·87	7	9	Wed. 4	10 ·21	·56	9
9	Mon. 5	8 ·59	17 ·79	6	9	Sat. 5	9 ·05	23 ·92	8	10	Thur. 5	11 ·14	2 ·52	10
10	Tues. 6	9 ·67	18 ·90	7	10	Sun. 6	10 ·07	24 ·95	9	11	Fri. 6	*Bahula.* 12 ·06 / 13 ·97	3 ·46	11
11	Wed. 7	10 ·76	. ...	8	11	Mon. 7	11 ·07	25 ·96	10					
12	Thur. 8	11 ·84	19 ·00	9	12	Tues. 8	12 ·05	26 ·96	11	12	Sat. 7	14 ·88	4 ·39	12
13	Fri. 9	12 ·90	20 ·10	10	13	Wed. 9	*Bahula.* 13 ·01 / 14 ·95	27 ·93	12	13	Sun. 8	P ·78	5 ·32	13
14	Sat. 10	13 ·94	21 ·18	11						14	Mon. 9	1 ·68	6 ·25	14
15	Sun. 11	14 ·96	22 ·25	12	14	Thur. ○ 10	P ·88	1 ·89	13	15	Tues. 10	2 ·59	7 ·19	15
16	Mon. 12	P ·95	23 ·29	13	15	Fri. 11	1 ·80	2 ·84	14	16	Wed. 11	3 ·50	8 ·13	16
17	Tues. 13	1 ·93	24 ·31	14	16	Sat. 12	2 ·71	3 ·77	15	17	Thur. 12	4 ·42	9 ·08	17
18	Wed. 14	2 ·89	25 ·31	15	17	Sun. 13	3 ·61	4 ·71	16	18	Fri. 13	5 ·37	10 ·04	18
19	Thur. 15	3 ·83	26 ·29	16	18	Mon. 14	4 ·51	5 ·64	17	19	Sat. 14	6 ·33	11 ·01	19
20	Fri. 16	4 ·76	27 ·27	17	19	Tues. 15	5 ·41	6 ·57	18	20	Sun. 15	7 ·31	12 ·01	20
21	Sat. 17	5 ·68	1 ·22	18	20	Wed. 16	6 ·32	7 ·51	19	21	Mon. 16	8 ·30	13 ·03	21
22	Sun. 18	6 ·58	2 ·16	19	21	Thur. 17	7 ·23	8 ·45	20	22	Tues. 17	9 ·33	14 ·07	22
23	Mon. 19	7 ·48	3 ·10	20	22	Fri. 18	8 ·16	9 ·41	21	23	Wed. 18	10 ·36	15 ·12	23
24	Tues. 20	8 ·37	4 ·03 / 5 ·96	21	23	Sat. 19	*Bahula.* 9 ·11	10 ·38	22	24	Thur. 19	*Bahula.* 11 ·41	16 ·20	24
					24	Sun. 20	10 ·06	11 ·36	23	25	Fri. 20	12 ·49	17 ·29	25
25	Wed. 21	*Bahula.* 9 ·27	6 ·90	22	25	Mon. 21	11 ·03	12 ·37	24	26	Sat. 21	13 ·58	18 ·39	26
26	Thur. 22	10 ·17	7 ·84	23	26	Tues. 22	12 ·03	13 ·39	25	27	Sun. 22	14 ·67	19 ·50	27
27	Fri. 23	11 ·08	8 ·78	24	27	Wed. 23	13 ·05	14 ·45	26	28	Mon. 23	A ·76	20 ·61	28
28	Sat. 24	12 ·01 / 13 ·95	9 ·74	25	28	Thur. 24	14 ·09	15 ·51	27	—29	Tues. 24	1 ·84	21 ·71	29
					29	Fri. ● 25	—A ·14	16 ·59	28	1	Wed. 25	2 ·90	22 ·79	—30
29	Sun. 25	14 ·91	10 ·72	26	—30	Sat. 26	1 ·22	17 ·69	29	2	Thur. 26	3 ·95	23 ·86	1
30	Mon. 26	—A ·88	11 ·72	27	1	Sun. 27	2 ·30	18 ·79	—30	3	Fri. 27	4 ·97	24 ·91	
—31	Tues. 27	1 ·87	12 ·73	28	2	Mon. 28	3 ·39	19 ·91	1	4	Sat. 28	5 ·96	25 ·93	3
1	Wed. 28	2 ·89	13 ·76	29	3	Tues. 29	4 ·48	... ...	2	5	Sun. 29	6 ·95	26 ·94	
2	Thur. 29	3 ·92	14 ·82	—30	4	Wed. 30	5 ·55	20 ·01	3	6	Mon. 30	7 ·91	27 ·92	5
3	Fri. 30	4 ·98	15 ·89	1	5	Thur. 31	*Śukla.* 6 ·61	21 ·10	4	7	Tues. 31	*Śukla.* 8 ·86	1 ·90	6
4	Sat. 31	... ...	16 ·99	2										

Viśākhā. *Viśākhā.* *Viśākhā.* *Viśākhā.*

Simha—Āvaṇi. **Tulā—Aippaśi.** **Vṛśchika—Kārttigai.** **Dhanus—Mārgali.**

Vindhyavāsu. *Vindhyavāsu.* *Vindhyavāsu.* *Vindhyavāsu.*

Karkataka—Ādi. **Kanyā—Puraṭṭāśi.** **Vṛśchika—Kārttigai.** **Dhanus—Mārgali.**

Vindhyavāsu. *Vindhyavāsu.* *Vindhyavāsu.* *Vindhyavāsu.*

H. 581 *Rabi-ul ākhir.* *H.* 581 *Jamādal ākhir.* *H.* 581 *Rajab.* *H.* 581 *Śha'bān.*

H. 581 *Jemādul awwal.* *H.* 581 *Ramazān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1136.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 24·87. Śaka 1108. Kaliyuga 4237.
(Arya Sid.) March 24·82. (S. Cycle) Parābhava.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Wed.	1	9 ·79	2 ·85	7	8	Sat.	1	9 ·64	6 ·28	7	7	Thur.	1	11 ·26	13 ·64	9
9	Thur.	2	10 ·71	3 ·79	8	9	Sun.	2	10 ·54	7 ·20	8	8	Fri.	2	12 ·23	14 ·65	10
10	Fri.	3	11 ·62	4 ·73	9	10	Mon.	3	11 ·45	8 ·14	9	9	Sat.	3	13 ·21	15 ·68	11
11	Sat.	4	12 ·52	5 ·66	10	11	Tues.	4	12 ·37	9 ·08	10	10	Sun.	4	14 ·23	16 ·73	12
12	Sun.	5	13 ·42	6 ·60	11	12	Wed.	5	13 ·29	10 ·04	11	11	Mon.	5	P ·27	17 ·81	13
13	Mon.	6	14 ·32	7 ·53	12					11 ·01		12	Tues.	6	1 ·33	18 ·89	14
14	Tues.	7	P ·23	8 ·47	13	13	Thur.	6	14 ·23	12 ·99	12	13	Wed.	7	2 ·40	... ...	15
15	Wed.	8	1 ·15	9 ·41	14	14	Fri.	7	P ·19	13 ·99	13	14	Thur.	8	3 ·47	19 00	16
16	Thur.	9	2 ·08	10 ·37	15	15	Sat.	8	1 ·16	... ...	14	15	Fri.	9	4 55	20 ·11	17
17	Fri.	10	3 ·02	11 ·34	16	16	Sun.	9	2 ·16	14 ·01	15	16	Sat.	10	5 ·63	21 ·22	18
			4 ·98												6 ·70	22 ·31	19
18	Sat.	11	5 ·95	12 ·34	17	17	Mon.	10	3 ·17	15 ·06	16	17	Sun.	11			
19	Sun.	12	6 ·95	13 ·35	18	18	Tues.	11	4 ·21	16 ·12	17	18	Mon.	12	7 ·76	23 ·40	20
20	Mon.	13	7 ·97	14 ·38	19	19	Wed.	12	5 ·26	17 ·20	18	19	Tues.	13	8 ·80	24 ·48	21
21	Tues.	14	... ...	15 ·43	20	20	Thur.	13	6 ·33	18 ·29	19	20	Wed.	14	9 ·81	25 ·52	22
22	Wed.	15	8 ·00	16 ·50	21	21	Fri.	14	7 ·41	19 ·40	20	21	Thur.	15	10 ·80	26 ·55	23
23	Thur.	16	9 ·06	17 ·60	22	22	Sat.	15	8 ·50	20 ·51	21	22	Fri.	16	11 ·78	27 ·56	24
24	Fri.	17	10 ·14	18 ·70	23	23	Sun.	16	9 ·59	21 ·62	22	23	Sat.	17	12 ·74	1 ·54	25
25	Sat.	18	11 ·23	19 ·80	24	24	Mon.	17	10 ·68	22 ·71	23	24	Sun.	18	13 ·68	2 ·53	26
26	Sun.	19	12 ·32	20 ·91	25	25	Tues.	18	11 ·73	23 ·79	24	25	Mon.	19	14 ·60	3 ·48	27
27	Mon.	20	13 ·40	... ...	26	26	Wed.	19	12 ·77	24 ·85	25	26	Tues.	20	—A ·52	4 ·43	28
28	Tues.	21	14 ·48	21 ·01	27	27	Thur.	20	13 ·79	25 ·88	26	27	Wed.	21	1 ·42	5 ·36	—29
29	Wed.	22	—A ·54	22 ·10	28	28	Fri.	21	14 ·78	26 ·91	27	28	Thur.	22	2 ·32	6 ·29	1
—30	Thur.	23	1 ·58	23 ·17	—29	29	Sat.	22	—A ·76	27 ·91	28	29	Fri.	23	3 ·21	7 ·23	2
1	Fri.	24	2 ·60	24 ·22	1	30	Sun.	23	1 ·71	1 ·89	—29	30	Sat.	24	4 ·11	8 ·16	3
2	Sat.	25	3 ·60	25 ·25	2	—31	Mon.	24	2 ·65	2 ·85	1						
3	Sun.	26	4 ·59	26 ·26	3	1	Tues.	25	3 ·58	3 ·80	2	—31	Sun.	25	5 ·01	9 ·10	4
4	Mon.	27	5 ·55	27 ·26	4	2	Wed.	26	4 ·49	4 ·75	3	1	Mon.	26	6 ·93		
5	Tues.	28	6 ·49	1 ·23	5	3	Thur.	27	5 ·40	5 ·68	4				7 ·85	10 ·04	5
6	Wed.	29	7 ·42	2 ·19	6	4	Fri.	28	6 ·30	6 ·61	5	2	Tues.	27	8 ·78	11 ·00	6
7	Thur.	30	8 ·34	3 ·13	7	5	Sat.	29	7 ·20	7 ·54	6					12 ·98	
8	Fri.	31	9 ·25	4 ·07	8	6	Sun.	30	8 ·10	8 ·48	7	3	Wed.	28	9 ·74	13 ·96	7
						7	Mon.	31	9 ·00	9 ·42	8	4	Thur.	29	10 ·71	14 ·97	8
									10 ·92			5	Fri.	30	11 ·70	.. ...	9
												6	Sat.	31	12 ·71	15 ·00	10
	Feb.						**April.**						**June.**				
9	Sat.	1	10 ·15	5 ·00	9	8	Tues.	1	11 ·84	10 ·37	9	7	Sun.	1	13 ·74	16 ·04	11
				6 ·94		9	Wed.	2	12 ·78	11 ·34	10	8	Mon.	2	14 ·80	17 ·11	12
10	Sun.	2	11 ·05	7 ·87	10	10	Thur.	3	13 ·73	12 ·31	11	9	Tues.	3	P ·87	18 ·20	13
			12 ·95			11	Fri.	4	14 ·70	13 ·31	12	10	Wed.	4	1 ·95	19 ·30	14
11	Mon.	3	13 ·85	8 ·80	11	12	Sat.	○5	P ·70	14 ·33	13	11	Thur.	5	... ...	20 ·41	15
12	Tues.	4	14 ·77	9 ·75	12	13	Sun.	6	1 ·71	15 ·37	14	12	Fri.	6	2 ·03	21 ·51	16
13	Wed.	5	P ·70	10 ·70	13	14	Mon.	7	2 ·75	16 ·43	15	13	Sat.	7	3 ·11	22 ·61	17
14	Thur.	6	1 ·64	11 ·68	14	15	Tues.	8	3 ·81	17 ·50	16	14	Sun.	8	4 ·18	23 ·71	18
15	Fri.	7	2 ·60	12 ·66	15	16	Wed.	9	4 ·88	18 ·59	17	15	Mon.	9	5 ·24	24 ·78	19
16	Sat.	8	3 ·57	13 ·67	16	17	Thur.	10	5 ·96	19 ·70	18	16	Tues.	10	6 ·28	25 ·84	20
17	Sun.	9	4 ·57	14 ·69	17	18	Fri.	11	... ..	20 ·81	19	17	Wed.	11	7 ·29	26 ·87	21
18	Mon.	10	5 ·58	15 ·74	18	19	Sat.	12	6 ·05	21 ·92	20	18	Thur.	12	8 ·29	27 ·88	22
19	Tues.	11	6 ·62	16 ·81	19	20	Sun.	13	7 ·13	... ...	21	19	Fri.	13	9 ·27	1 ·88	23
20	Wed.	12	7 ·68	17 ·90	20	21	Mon.	14	8 ·20	22 ·01	22	20	Sat.	14	10 ·23	2 ·86	24
21	Thur.	13	8 ·75	... ...	21	22	Tues.	15	9 ·26	23 ·09	23	21	Sun.	15	11 ·16	3 ·81	25
22	Fri.	14	9 ·84	18 ·00	22	23	Wed.	16	10 ·30	24 ·16	24	22	Mon.	16	12 ·08	4 ·76	26
23	Sat.	15	10 ·93	19 ·10	23	24	Thur.	17	11 ·32	25 ·21	25				13 ·99		
24	Sun.	16	.. ..	20 ·21	24	25	Fri.	18	12 ·31	26 ·23	26	23	Tues.	17	14 ·89	5 ·70	27
25	Mon.	17	11 ·01	21 ·32	25	26	Sat.	19	13 ·29	27 ·23	27	24	Wed.	18	—A ·79	6 ·64	28
26	Tues.	18	12 ·08	22 ·41	26	27	Sun.	20	14 ·25	1 ·22	28	25	Thur.	19	1 ·69	7 ·57	29
27	Wed.	19	13 ·14	23 ·48	27	28	Mon.	21	—A ·19	2 ·18	29	26	Fri.	20	2 ·59	8 ·50	—30
28	Thur.	20	14 ·19	24 ·53	28	29	Tues.	22	1 ·11	3 ·15	—30	27	Sat	21	3 ·49	9 ·43	1
—29	Fri	21	—A ·21	25 ·57	29	30	Wed.	23	2 ·02	4 ·09	1	28	Sun.	22	4 ·40	10 ·37	2
1	Sat.	22	1 ·21	26 ·59	—30				3 ·92			29	Mon.	23	5 ·32	11 ·33	3
2	Sun.	23	2 ·19	27 ·56	1	—31	Thur.	24	4 ·82	5 ·02		30	Tues.	24	6 ·26	12 ·30	4
3	Mon.	24	3 ·15	1 ·57	2					6 ·95		31	Wed.	25	7 ·23	13 ·29	5
4	Tues.	25	4 ·09	2 ·52	3	1	Fri.	25	5 ·72	7 ·88	3	—32	Thur.	26	8 ·19	14 ·29	6
			5 ·02			2	Sat.	26	6 ·61	8 ·82	4	1	Fri.	27	9 ·18	15 ·31	7
5	Wed.	26	5 ·93	3 ·47	4	3	Sun.	27	7 ·52	9 ·76	5	2	Sat.	28	10 ·19	16 ·35	8
6	Thur.	27	7 ·84	4 ·40	5	4	Mon.	28	8 ·43	10 ·71	6	3	Sun.	29	11 ·23	17 ·43	9
7	Fri.	28	8 ·74	5 ·35	6	5	Tues.	29	9 ·36	11 ·67	7	4	Mon.	30	12 ·28	18 ·51	10
						6	Wed.	30	10 ·30	12 ·64	8						

Vishuvasa. Makara—Tai. Pausha. Bahula. H. 581 Shawwal.
Vishuvasa. Kumbha—Māgh. Māgha. Bahula. H. 581 Zi-l-k'da.
Parābhava. Mēsha—Chittirai. Chaitra. Bahula. H. 582 Muharram.
Parābhava. Vrishabha—Vaigāsi. Vaiśākha. Bahula. H. 582 Safar.
Parābhava. Mithuna—Āni. Jyeshtha. Bahula. H. 582 Rabi-ul awwal.
Ashādha. Sukla. H. 582 Rabi-ul-akhir.

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1186. **Kollam 362.** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 582.** **Vikrama 1243.**
Ā—Amāvāsyā. Commences Commences **March 24.** **Bengal San. 592.**
P—Paurnimā. **(N. Cycle) Sādhāraṇa**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**				
Pārdhava. **Karkataka—Ādi.** 5	Tues.	1	13 ·34	19 ·60	11	5	Mon.	1	1 ·80	26 ·83	14
6	Wed.	2	14 ·42	20 ·71	12	6	Tues.	2	2 ·79	27 ·85	15
7	Thur.	3	P ·51	21 ·82	13	7	Wed.	3	3 ·77	1 ·86	16
8	Fri.	4	1 ·59	22 ·92	14	8	Thur.	4	4 ·73	2 ·84	17
9	Sat.	5	2 ·66	.. ...	15	9	Fri.	5	5 ·68	3 ·81	18
10	Sun.	6	3 ·72	23 ·02	16	10	Sat.	6	6 ·60	4 ·78	19
11	Mon.	7	4 ·75	24 ·09	17	11	Sun.	7	7 ·51	5 ·72	20
12	Tues.	8	5 ·77	25 ·15	18	12	Mon.	8	8 ·42	6 ·65	21
13	Wed.	9	6 ·77	26 ·19	19	13	Tues.	9	9 ·32	7 ·58	22
14	Thur.	10	7 ·75	27 ·21	20	14	Wed.	10	10 ·22	8 ·51	23
15	Fri.	11	8 ·70	1 ·21	21	15	Thur.	11	11 ·12	9 ·45	24
16	Sat.	12	9 ·64	2 ·19	22				12 ·03		
17	Sun.	13	10 ·57	3 ·15	23	16	Fri.	12	13 ·94	10 ·39	25
18	Mon.	14	11 ·47	4 ·10	24	17	Sat.	13	14 ·86	11 ·34	26
				5 ·04		18	Sun.	14	—A ·80	12 ·29	27
19	Tues.	15	12 ·37	6 ·98	25	19	Mon.	15	1 ·76	13 ·26	28
20	Wed.	16	13 ·27	7 ·91	26	20	Tues.	16	2 ·74	14 ·26	—29
21	Thur.	17	14 ·17	8 ·84	27	21	Wed.	17	3 ·73	15 ·27	1
22	Fri.	18	A ·07	9 ·77	28	22	Thur.	18	4 ·75	16 ·30	2
			1 ·97			23	Fri.	19	5 ·79	17 ·35	3
23	Sat.	19	2 ·89	10 ·71	—29	24	Sat.	20	6 ·85	18 ·42	4
24	Sun.	20	3 ·81	11 ·67	1	25	Sun.	21	7 ·93	19 ·51	5
25	Mon.	21	4 ·74	12 ·63	2	26	Mon.	22	.. ...	20 ·61	6
26	Tues.	22	5 ·70	13 ·61	3	27	Tues.	23	8 ·01	21 ·72	7
27	Wed.	23	6 ·67	14 ·61	4	28	Wed.	24	9 ·10	22 ·82	8
28	Thur.	24	7 ·67	15 ·62	5	29	Thur.	25	10 ·18	23 ·92	9
29	Fri.	25	8 ·68	16 ·67	6	30	Fri.	26	11 ·25	... ...	10
30	Sat.	26	9 ·71	17 ·73	7	—31	Sat	27	12 ·31	24 ·01	11
—31	Sun.	27	10 ·77	18 ·81	8	1	Sun.	28	13 ·35	25 ·09	12
1	Mon.	28	11 ·84	19 ·90	9	2	Mon.	29	14 ·37	26 ·14	13
2	Tues.	29	12 ·92	... ...	10	3	Tues.	○30	P ·36	27 ·17	14
3	Wed.	30	... ...	20 ·00	11						
4	Thur.	31	Śrāvana. 13 ·00	21 ·12	12						
	Aug.						**Oct.**				
5	Fri.	1	14 ·08	22 ·22	13	4	Wed.	1	1 ·34	1 ·18	15
6	Sat.	2	P ·15	23 ·32	14	5	Thur.	2	2 ·30	2 ·17	16
7	Sun.	3	1 ·21	24 ·40	15	6	Fri.	3	3 ·25	3 ·15	17
8	Mon.	4	2 ·25	25 ·46	16	7	Sat.	4	4 ·18	4 ·11	18
9	Tues.	5	3 ·28	26 ·51	17	8	Sun.	5	5 ·10	5 ·06	19
10	Wed.	6	4 ·26	27 ·53	18					6 ·99	
11	Thur.	7	5 ·24	1 ·53	19	9	Mon.	6	6 ·00	7 ·92	20
12	Fri.	8	6 ·20	2 ·51	20				7 ·90		
13	Sat.	9	7 ·14	3 ·48	21	10	Tues.	7	8 ·80	8 ·86	21
14	Sun.	10	8 ·07	4 ·43	22	11	Wed.	8	9 ·70	9 ·79	22
			9 ·98			12	Thur.	9	10 ·61	10 ·73	23
15	Mon.	11	10 ·88	5 ·38	23	13	Fri.	10	11 ·53	11 ·67	24
16	Tues.	12	11 ·78	6 ·32	24	14	Sat.	11	12 ·46	12 ·62	25
17	Wed.	13	12 ·68	7 ·25	25	15	Sun.	12	13 ·40	13 ·60	26
18	Thur.	14	13 ·58	8 ·18	26	16	Mon.	13	14 ·36	14 ·58	27
19	Fri.	15	14 ·48	9 ·11	27	17	Tues.	14	—A ·33	15 ·59	28
20	Sat.	16	—A ·40	10 ·05	28	18	Wed.	15	1 ·32	16 ·61	29
				11 ·01		19	Thur.	16	2 ·34	17 ·66	—30
21	Sun.	17	1 ·32	12 ·96	29	20	Fri.	17	3 ·38	18 ·72	1
22	Mon.	18	2 ·26	13 ·94	—30	21	Sat.	18	4 ·44	19 ·81	2
23	Tues.	19	3 ·22	14 ·93	1	22	Sun.	19	5 ·52	20 ·91	3
24	Wed.	20	4 ·19	15 ·95	2	23	Mon.	20	6 ·61	... ...	4
25	Thur.	21	5 ·18	16 ·98	3	24	Tues.	21	7 ·69	21 ·01	5
26	Fri.	22	6 ·19	... ..	4	25	Wed.	22	8 ·77	22 ·12	6
27	Sat.	23	7 ·33	17 ·04	5	26	Thur.	23	9 ·85	23 ·22	7
28	Sun.	24	8 ·29	18 ·11	6	27	Fri.	24	10 ·91	24 ·32	8
29	Mon.	25	9 ·37	19 ·20	7	28	Sat.	25	11 ·95	25 ·40	9
30	Tues.	26	10 ·45	20 ·31	8	29	Sun.	26	12 ·97	26 ·45	10
—31	Wed.	27	11 ·54	21 ·42	9	—30	Mon.	27	13 ·97	27 ·49	11
1	Thur.	28	12 ·61	22 ·52	10	1	Tues	28	14 ·95	1 ·50	12
2	Fri.	29	13 ·68	23 ·62	11	2	Wed.	29	P ·91	2 ·51	13
3	Sat.	30	14 ·74	24 ·70	12	3	Thur.	30	1 ·85	3 ·48	14
4	Sun.	31	P ·78	25 ·77	13	4	Fri.	31	2 ·78	4 ·44	15
	Nov.						**Dec.**				
5	Sat.	1	3 ·71	5 ·39	16	6	Mon.	1	3 ·15	5 ·54	17
6	Sun.	2	4 ·62	6 ·33	17				4 ·05		
7	Mon.	3	5 ·52	7 ·27	18	7	Tues.	2	5 ·96	9 ·47	18
8	Tues.	4	6 ·42	8 ·20	19	8	Wed.	3	6 ·87	10 ·40	19
9	Wed.	5	7 ·32	9 ·13	20	9	Thur.	4	7 ·79	11 ·34	20
10	Thur.	6	8 ·23	10 ·06	21	10	Fri.	5	8 ·71	12 ·30	21
				11 ·00		11	Sat.	6	9 ·65	13 ·26	22
11	Fri.	7	9 ·14	12 ·96	22	12	Sun.	7	10 ·62	14 ·23	23
12	Sat.	8	10 ·07	18 ·93	23	13	Mon.	8	11 ·59	15 ·23	24
			11 ·01			14	Tues.	9	12 ·60	16 ·24	25
13	Sun.	9	12 ·97	14 ·91	24	15	Wed.	10	13 ·62	17 ·29	26
14	Mon.	10	13 ·95	15 ·91	25	16	Thur.	11	14 ·66	18 ·34	27
15	Tues.	11	14 ·95	16 ·93	26	17	Fri.	12	—A ·72	19 ·42	28
16	Wed.	12	—A 97	17 ·97	27	18	Sat.	13	1 ·80	20 ·51	29
17	Thur.	13	... ...	... ...	28	19	Sun.	14	2 ·88	22 ·61	—30
18	Fri.	14	1 ·01	18 ·04	—29	20	Mon.	15	3 ·96	22 ·73	1
19	Sat.	15	2 ·07	19 ·11	1	21	Tues.	16	... .	23 ·83	2
20	Sun.	16	3 ·15	20 ·21	2	22	Wed.	17	4 ·05	24 ·93	3
21	Mon.	17	4 ·24	21 ·31	3	23	Thur.	18	5 ·13	... ...	4
22	Tues.	18	5 ·33	22 ·42	4	24	Fri.	19	6 ·19	25 ·01	5
23	Wed.	19	6 ·41	23 ·53	5	25	Sat.	20	7 ·23	26 ·07	6
24	Thur.	20	7 ·48	24 ·62	6	26	Sun.	21	8 ·26	27 ·13	7
25	Fri.	21	8 ·54	25 ·70	7	27	Mon.	22	9 ·25	1 ·15	8
26	Sat.	22	9 ·58	26 ·76	8	28	Tues.	23	10 ·23	2 ·16	9
27	Sun.	23	10 ·60	27 ·80	9	—29	Wed.	24	11 ·20	3 ·14	10
28	Mon.	24	11 ·61	1 ·83	10	1	Thur.	25	12 ·14	4 ·11	11
—29	Tues.	25	12 ·59	2 ·83	11				13 ·07		
1	Wed.	26	13 ·55	3 ·81	12	2	Fri.	26	14 ·98	5 ·07	12
2	Thur.	27	14 ·50	4 ·78	13					6 ·01	
3	Fri	28	P ·43	5 ·72	14	3	Sat.	27	P ·89	7 ·95	13
4	Sat.	29	1 ·34	6 ·65	15	4	Sun.	28	1 ·79	8 ·88	14
5	Sun.	30	2 ·25	7 ·61	16	5	Mon.	29	2 ·69	9 ·81	15
						6	Tues.	30	3 ·60	10 ·74	16
						7	Wed.	31	4 ·51	11 ·69	17

Parābhava. **Simha—Āvaṇi.** *Parābhava.* **Tulā—Aippaśi.** *Parābhava.* **Dhanus—Mārgaḷi.** *Pārābhava.* **Vṛśchika—Kārttigai.** *Parābhava.* **Mārgaśirsha.** *Pausha.*

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

Bhādrapada. *Āśvina.* *Kārttika.* *Bhad.* *Jamādi'l awwal.* *Jamādi'l ākhir.* *Rajab.* *Sha'bān.* *Ramazān.* *Shawwāl.*

H. 582 *Jamādi'l ākhir.* *H.* 582 *Rabi-ul ākhir.* *H.* 582 *Jamādi'l ākhir.* *H.* 582 *Rajab.* *H.* 582 *Sha'bān.* *H.* 582 *Ramazān.* *H.* 582 *Shawwāl.*

13. Hasta. 14. Chit. 15. Swāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1187. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 25·13.** **Śaka 1109.** **Kaliyuga 4288.**
Lunar Eclipse. ○ **(Arya Sid.) March 25·08.** **(S. Cycle) Plavaṅga.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Pārdhava.					*Pārdhava.*		*Bahula.*		*H. 582 Zi-l-hijja.*	*Plavaṅga.*		*Sukla.*		*H. 583 Ṣafar.*
Makara—Tai.					**Mīna—Phālguna.**					**Vṛishabha—Vaiśākha.**				
8	Thur. 1	5 ·43	12 ·63	18	7	Sun. 1	5 ·46	16 ·21	18	7	Fri. 1	7 ·79	22 ·21	20
9	Fri. 2	6 ·36	13 ·59	19	8	Mon. 2	6 ·46	17 ·23	19	8	Sat. 2	8 ·88	23 ·23	21
10	Sat. 3	7 ·30	14 ·56	20	9	Tues. 3	7 ·48	18 ·27	20	9	Sun. 3	9 ·96	24 ·44	22
11	Sun. 4	8 ·26	15 ·55	21	10	Wed. 4	8 ·52	19 ·34	21	10	Mon. 4	... ..	25 ·53	23
12	Mon. 5	9 ·24	16 ·57	22	11	Thur. 5	9 ·58	20 ·42	22	11	Tues. 5	10 ·03	26 ·62	24
13	Tues. 6	10 ·24	17 ·60	23	12	Fri. 6	10 ·65	21 ·51	23	12	Wed. 6	11 ·09	27 ·69	25
14	Wed. 7	11 ·26	18 ·65	24	13	Sat. 7	11 ·73	22 ·62	24	13	Thur. 7	12 ·13	1 ·74	26
15	Thur. 8	12 ·30	19 ·72	25	14	Sun. 8	12 ·82	23 ·73	25	14	Fri. 8	13 ·14	2 ·77	27
16	Fri. 9	13 ·36	20 ·81	26	15	Mon. 9	13 ·90	24 ·83	26	15	Sat. 9	14 ·13	3 ·78	28
17	Sat. 10	14 ·44	21 ·92	27	16	Tues. 10	14 ·98	25 ·93	27	16	Sun. 10	—A ·11	4 ·76	—29
18	Sun. 11	—A ·52	... ..	28	17	Wed. 11	... ...	... ...	28	17	Mon. 11	1 ·07	5 ·73	1
19	Mon. 12	1 ·61	22 ·02	—29	18	Thur. 12	—A ·03	26 ·01	—29			2 ·00		
20	Tues. 13	2 ·70	23 ·13	1	19	Fri. 13	1 ·07	27 ·07	1	18	Tues. 12	3 ·92	6 ·70	2
21	Wed. 14	3 ·77	24 ·23	2	20	Sat. 14	2 ·09	1 ·10	2	19	Wed. 13	4 ·83	7 ·64	3
22	Thur. 15	4 ·83	25 ·31	3	21	Sun. 15	3 ·09	2 ·12	3	20	Thur 14	5 ·73	8 ·58	4
23	Fri. 16	5 ·87	26 ·39	4	22	Mon. 16	4 ·07	3 ·13	4	21	Fri. 15	6 ·63	9 ·51	5
24	Sat. 17	6 ·90	27 ·44	5	23	Tues. 17	5 ·02	4 ·11	5	22	Sat. 16	7 ·52	10 ·44	6
25	Sun. 18	*Sukla.* 7 ·89	1 ·47	6			6 ·96			23	Sun. 17	8 ·43	11 ·37	7
26	Mon. 19	8 ·87	2 ·48	7	24	Wed. 18	7 ·89	5 ·07	6	24	Mon. 18	9 ·33	12 ·32	8
27	Tues. 20	9 ·83	3 ·47	8	25	Thur. 19	*Sukla.* 8 ·80	6 ·02	7	25	Tues. 19	10 ·24	13 ·26	9
28	Wed. 21	10 ·77	4 ·44	9				7 ·96		26	Wed. 20	11 ·17	14 ·22	10
29	Thur. 22	11 ·70	5 ·41	10	26	Fri. 20	9 ·71	8 ·90	8	27	Thur. 21	12 ·11	15 ·19	11
—30	Fri. 23	12 ·62	6 ·35	11	27	Sat. 21	10 ·61	9 ·83	9	28	Fri. 22	13 ·06	16 ·17	12
1	Sat. 24	13 ·53	7 ·29	12	28	Sun. 22	11 ·51	10 ·76	10	29	Sat. 23	14 ·03	17 ·19	13
2	Sun. 25	14 ·43	8 ·22	13	29	Mon. 23	12 ·40	11 ·70	11	30	Sun. 24	P ·03	18 ·22	14
3	Mon. 26	P ·33	9 ·15	14	—30	Tues. 24	13 ·30	12 ·63	12	—31	Mon. 25	1 ·04	19 ·26	15
4	Tues. 27	1 ·23	10 ·09	15	1	Wed. 25	14 ·21	13 ·59	13	1	Tues. 26	2 ·08	20 ·33	16
		Māgha.	11 ·02		2	Thur ○ 26	P ·14	14 ·56	14	2	Wed. 27	3 ·13	21 ·42	17
5	Wed. 28	2 ·14	12 ·96	16	3	Fri. 27	1 ·08	15 ·53	15	3	Thur. 28	4 ·20	22 ·52	18
		3 ·06			4	Sat. 28	2 ·04	16 ·53	16	4	Fri. 29	5 ·28	23 ·63	19
6	Thur. 29	4 ·99	13 ·92	17	5	Sun. 29	3 ·02	17 ·54	17	5	Sat. 30	6 ·37	24 ·74	20
7	Fri. 30	5 ·93	14 ·89	18	6	Mon. 30	4 ·02	18 ·53	18	6	Sun. 31	7 ·45	25 ·84	21
8	Sat. 31	6 ·89	15 ·88	19	7	Tues. 31	5 ·03	19 ·65	19					
	Feb.					**April.**					**June.**			
Pārdhava.				*H. 582 Zi-l-ḳa'da.*	*Plavaṅga.*		*Bahula.*		*H. 583 Muharram.*	*Plavaṅga.*		*Bahula.*		*H. 583 Rabī-ul awwal.*
Kumbha—Māsi.					**Mēsha—Chittirai.**					**Mithuna—Āni.**				
9	Sun. 1	7 ·87	16 ·89	20	8	Wed. 1	6 ·07	20 ·72	20	7	Mon. 1	8 ·52	26 ·92	22
10	Mon. 2	8 ·86	17 ·91	21	9	Thur. 2	7 ·13	21 ·81	21	8	Tues. 2	9 ·57	.. ...	23
11	Tues. 3	9 ·88	18 ·96	22	10	Fri. 3	8 ·20	22 ·91	22	9	Wed. 3	10 ·61	27 ·01	24
12	Wed. 4	*Bahula.* 10 ·92	... ...	23	11	Sat. 4	9 ·28	... ..	23	10	Thur. 4	11 ·62	1 ·06	25
13	Thur. 5	11 ·98	19 ·03	24	12	Sun. 5	10 ·37	23 ·02	24	11	Fri. 5	12 ·61	2 ·09	26
14	Fri. 6	... .	20 ·12	25	13	Mon. 6	11 ·45	24 ·14	25	12	Sat. 6	13 ·59	3 ·10	27
15	Sat. 7	12 ·06	21 ·22	26	14	Tues. 7	12 ·52	25 ·23	26	13	Sun. 7	14 ·54	4 ·09	28
16	Sun. 8	13 ·14	22 ·32	27	15	Wed. 8	13 ·57	26 ·31	27	14	Mon. 8	—A ·47	5 ·08	29
17	Mon. 9	14 ·23	23 ·43	28	16	Thur. 9	14 ·61	27 ·38	28	15	Tues. 9	1 ·39	6 ·03	—30
18	Tues. 10	—A ·31	24 ·53	29	17	Fri. 10	—A ·63	1 ·42	29				7 ·98	
19	Wed. 11	1 ·39	25 ·62	—30	18	Sat. 11	1 ·62	2 ·45	—30	16	Wed. 10	2 ·30	8 ·92	1
20	Thur. 12	2 ·45	26 ·70	1	19	Sun. 12	2 ·60	3 ·45	1	17	Thur. 11	3 ·21	9 ·85	2
21	Fri. 13	3 ·49	27 ·76	2	20	Mon. 13	3 ·56	4 ·44	2	18	Fri. 12	4 ·11	10 ·78	3
22	Sat. 14	4 ·51	1 ·79	3	21	Tues. 14	4 ·49	5 ·40	3	19	Sat. 13	5 ·01	11 ·72	4
23	Sun. 15	5 ·50	2 ·80	4	22	Wed. 15	5 ·41	6 ·36	4			6 ·90		
24	Mon. 16	*Sukla.* 6 ·48	3 ·79	5	23	Thur. 16	6 ·33	7 ·31	5	20	Sun. 14	*Sukla.* 7 ·80	12 ·65	5
25	Tues. 17	7 ·44	4 ·78	6	24	Fri. 17	7 ·23	8 ·24	6	21	Mon. 15	8 ·70	13 ·59	6
26	Wed. 18	8 ·39	5 ·74	7	25	Sat. 18	8 ·13	9 ·17	7	22	Tues. 16	9 ·63	14 ·55	7
27	Thur. 19	9 ·32	6 ·69	8			9 ·03			23	Wed. 17	10 ·57	15 ·51	8
28	Fri. 20	10 ·24	7 ·62	9	26	Sun. 19	10 ·93	10 ·10	8	24	Thur. 18	11 ·53	16 ·51	9
29	Sat. 21	11 ·14	8 ·56	10				11 ·03		25	Fri. 19	12 ·51	17 ·51	10
		12 ·04			27	Mon. 20	11 ·83	12 ·98	9	26	Sat. 20	13 ·50	18 ·53	11
—30	Sun. 22	13 ·94	9 ·50	11										
		Phālguna.		*H. 582 Zi-l-hijja.*	28	Tues. 21	12 ·75	13 ·93	10	27	Sun. 21	14 ·52	19 ·57	12
1	Mon. 23	14 ·84	10 ·42	12	29	Wed. 22	13 ·67	14 ·88	11	28	Mon. 22	P ·56	20 ·64	13
2	Tues. 24	P ·74	11 ·36	13	30	Thur. 23	14 ·60	15 ·86	12	29	Tues. 23	1 ·61	21 ·73	14
3	Wed. 25	1 ·65	12 ·30	14	—31	Fri. 24	P ·56	16 ·85	13	30	Wed. 24	2 ·68	22 ·82	15
4	Thur. 26	2 ·58	13 ·25	15	1	Sat. 25	1 ·54	17 ·86	14	31	Thur. 25	3 ·76	23 ·93	16
5	Fri. 27	3 ·52	14 ·23	16	2	Sun. 26	2 ·54	18 ·90	15	—32	Fri. 26	4 ·85	... ...	17
6	Sat. 28	4 ·48	15 ·21	17	3	Mon. 27	3 ·55	19 ·95	16	1	Sat 27	5 ·93	24 ·03	18
					4	Tues. 28	4 ·59	... ...	17	2	Sun. 28	... .	25 ·14	19
					5	Wed. 29	5 ·64	20 ·08	18	3	Mon. 29	6 ·00	26 ·28	20
					6	Thur. 30	6 ·71	21 ·11	19	4	Tues. 30	7 ·05	27 ·31	21

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1187. Kollam 362. (N. Malabar—Aug. Hijra 583. Vikrama 1244.
A—Amāvāsyā. Commences (S. Malabar—July. Commences March 13. Bengal San. 593.
P—Paurnimā. (N. Cycle) Virodhakrit.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
5	Wed.	1	8 ·08	1 ·37	22	4	Tues.	1	12 ·72	9 ·87	25	5	Sun.	1	14 ·35	15 ·17	27
6	Thur.	2	9 ·10	2 ·41	23	5	Wed.	2	13 ·62	10 ·80	26	6	Mon.	2	—A ·30	16 ·14	28
7	Fri.	3	10 ·09	3 ·42	24	6	Thur.	3	14 ·52	11 ·73	27	7	Tues.	3	1 ·26	17 ·13	—29
8	Sat.	4	11 ·07	4 ·42	25	7	Fri. ●	4	—A ·42	12 ·66	28	8	Wed.	4	2 ·24	18 ·13	1
9	Sun.	5	12 ·02 13 ·96	5 ·41	26	8	Sat.	5	1 ·32	13 ·61	—29	9	Thur.	5	3 ·24	19 ·15	2
						9	Sun.	6	2 ·23	14 ·56	1	10	Fri.	6	4 ·26	20 ·19	3
10	Mon.	6	14 ·88	6 ·37	27	10	Mon.	7	3 ·16	15 ·51	2	11	Sat.	7	5 ·30	21 ·25	4
11	Tues.	7	—A ·79	7 ·32	28	11	Tues.	8	4 ·10	16 ·48	3	12	Sun.	8	6 ·36	22 ·33	5
12	Wed.	8	1 ·69	8 ·26	—29	12	Wed.	9	5 ·06	17 ·47	4	13	Mon.	9	*Sukla.* 7 ·44	23 ·43	6
13	Thur.	9	2 ·59	9 ·19	1	13	Thur.	10	*Sukla.* 6 ·04	18 ·48	5	14	Tues.	10	8 ·53	24 ·53	7
14	Fri.	10	3 ·49	10 ·13	2	14	Fri.	11	7 ·04	19 ·52	6	15	Wed.	11	9 ·62	25 ·64	8
15	Sat.	11	4 ·39	11 ·06 12 ·99	3	15	Sat.	12	8 ·06	20 ·57	7	16	Thur.	12	10 ·71	26 ·74	9
						16	Sun.	13	9 ·10	21 ·64	8	17	Fri.	13	11 ·78	27 ·85	10
16	Sun.	12	5 ·29	13 ·93	4	17	Mon.	14	10 ·16	22 ·72	9	18	Sat.	14	12 ·84	1 ·92	11
17	Mon.	13	*Sukla.* 6 ·20	14 ·88	5	18	Tues.	15	11 ·23	23 ·82	10	19	Sun.	15	13 ·87	2 ·98	12
18	Tues.	14	7 ·12	15 ·85	6	19	Wed.	16	12 ·31	24 ·94	11	20	Mon.	16	14 ·89	... ...	13
19	Wed.	15	8 ·06	16 ·83	7	20	Thur.	17	13 ·40	... ...	12	21	Tues.	17	P ·89	3 ·02	14
20	Thur.	16	9 ·02	17 ·83	8	21	Fri.	18	14 ·48	25 ·04	13	22	Wed.	18	1 ·87	4 ·04	15
21	Fri.	17	10 ·00 11 ·98	18 ·85	9	22	Sat ○	19	P ·55	26 ·14	14	23	Thur.	19	2 ·83	5 ·04	16
						23	Sun.	20	1 ·61	27 ·23	15	24	Fri.	20	3 ·78	6 ·03	17
22	Sat.	18	... ...	19 ·88	10	24	Mon.	21	2 ·65	1 ·30	16	25	Sat.	21	4 ·70	7 ·00 8 ·95	18
23	Sun.	19	12 ·01	20 ·95	11	25	Tues.	22	3 ·67	2 ·36	17						
24	Mon.	20	13 ·05	... ...	12	26	Wed.	23	4 ·67	3 ·39	18	26	Sun.	22	5 ·61	9 ·89	19
25	Tues.	21	14 ·10	21 ·03	13	27	Thur.	24	*Sukla.* 5 ·64	4 ·40	19	27	Mon.	23	6 ·52	10 ·82	20
26	Wed.	22	P ·16	22 ·12	14	28	Fri.	25	6 ·60	5 ·39	20	28	Tues.	24	7 ·43	11 ·76	21
27	Thur.	23	1 ·24	23 ·22	15	29	Sat.	26	7 ·54	6 ·36	21	—29	Wed.	25	8 ·33	12 ·69	22
28	Fri.	24	2 ·33	24 ·33	16	—30	Sun.	27	8 ·47	7 ·33	22	1	Thur.	26	9 ·23	13 ·62	23
29	Sat.	25	3 ·41	25 ·44	17	1	Mon.	28	9 ·38	8 ·28	23	2	Fri.	27	10 ·14	14 ·56	24
30	Sun.	26	4 ·49	26 ·54	18	2	Tues.	29	10 ·28	9 ·21	24	3	Sat.	28	11 ·06 12 ·99	15 ·51	25
—31	Mon.	27	5 ·54	27 ·62	19	3	Wed.	30	11 ·18	10 ·14	25						
1	Tues.	28	*Bahula.* 6 ·58	1 ·68	20							4	Sun.	29	13 ·94	16 ·48	26
2	Wed.	29	7 ·59	2 ·72	21							5	Mon.	30	14 ·90	17 ·45	27
3	Thur.	30	8 ·58	3 ·74	22												
4	Fri.	31	9 ·56	4 ·75	23												
		Aug.						**Oct.**						**Dec.**			
5	Sat.	1	10 ·51	5 ·73	24	4	Thur.	1	12 ·08 13 ·99	11 ·07	26	6	Tues.	1	—A ·88	18 ·45	28
6	Sun.	2	11 ·45	6 ·70	25							7	Wed.	2	1 ·87	19 ·43	29
7	Mon.	3	12 ·37	7 ·65	26					12 ·00		8	Thur.	3	2 ·90	20 ·50	—30
8	Tues.	4	13 ·29	8 ·59	27	5	Fri.	2	14 ·90	13 ·95	27	9	Fri.	4	3 ·94	21 ·56	1
9	Wed.	5	14 ·19	9 ·54	28	6	Sat.	3	—A ·82	14 ·89	28	10	Sat.	5	... ..	22 ·64	2
10	Thur.	6	A ·09 1 ·99	10 ·47	29	7	Sun.	4	1 ·74	15 ·84	29	11	Sun.	6	4 ·01	23 ·73	3
						8	Mon.	5	2 ·68	16 ·81	—30	12	Mon.	7	*Sukla.* 5 ·09	24 ·83	4
11	Fri.	7	2 ·89	11 ·39	—30	9	Tues.	6	3 ·64	17 ·79	1	13	Tues.	8	6 ·17	25 ·94	5
12	Sat.	8	3 ·79	12 ·33	1	10	Wed.	7	4 ·62	18 ·81	2	14	Wed.	9	7 ·26	.. ...	6
13	Sun.	9	4 ·70	13 ·26	2	11	Thur.	8	*Sukla.* 5 ·62	19 ·83	3	15	Thur.	10	8 ·35	26 ·05	7
14	Mon.	10	5 ·62	14 ·22	3	12	Fri.	9	6 ·64	20 ·88	4	16	Fri.	11	9 ·42	27 ·15	8
15	Tues.	11	6 ·56	15 ·18	4	13	Sat.	10	7 ·68	21 ·94	5	17	Sat.	12	10 ·48	1 ·23	9
16	Wed.	12	7 ·52	16 ·16	5	14	Sun.	11	8 ·75	... ...	6	18	Sun.	13	11 ·53	2 ·29	10
17	Thur.	13	8 ·50	17 ·15	6	15	Mon.	12	9 ·83	22 ·02	7	19	Mon.	14	12 ·54	3 ·34	11
18	Fri.	14	9 ·49	18 ·16	7	16	Tues.	13	10 ·91	23 ·12	8	20	Tues.	15	13 ·53	4 ·36	12
19	Sat.	15	10 ·51	19 ·20	8	17	Wed.	14	11 ·99	24 ·23	9	21	Wed.	16	14 ·51	5 ·38	13
20	Sun.	16	11 ·55	20 ·26	9	18	Thur.	15	... ...	25 ·34	10	22	Thur.	17	P ·48	6 ·36	14
21	Mon.	17	12 ·61	21 ·33	10	19	Fri.	16	12 ·07	26 ·44	11	23	Fri.	18	1 ·42	7 ·33	15
22	Tues.	18	13 ·68	22 ·42	11	20	Sat.	17	13 ·14	27 ·53	12	24	Sat.	19	2 ·35	8 ·28	16
23	Wed.	19	14 ·76	23 ·52	12	21	Sun.	18	14 ·21	1 ·62	13	25	Sun.	20	3 ·27	9 ·22	17
24	Thur.	20	P ·85	24 ·63	13	22	Mon.	19	P ·25	2 ·67	14	26	Mon.	21	4 ·18	10 ·17	18
25	Fri.	21	1 ·93	25 ·74	14	23	Tues.	20	1 ·27	3 ·71	15	27	Tues.	22	5 ·08 6 ·98	11 ·10	19
26	Sat.	22	.. ..	26 ·84	15	24	Wed.	21	2 ·26	4 ·72	16						
27	Sun.	23	2 ·00	27 ·92	16	25	Thur.	22	3 ·23	5 ·72	17	28	Wed.	23	*Bahula.* 7 ·88	12 ·03 13 ·96	20
28	Mon.	24	3 ·06	1 ·99	17	26	Fri.	23	4 ·20	6 ·70	18						
29	Tues.	25	4 ·10	... ...	18	27	Sat.	24	5 ·14	7 ·66	19	29	Thur.	24	8 ·79	14 ·89	21
30	Wed.	26	5 ·11	2 ·04	19	28	Sun.	25	6 ·07 7 ·98	8 ·61	20	—30	Fri.	25	9 ·71	15 ·85	22
31	Thur.	27	6 ·11	3 ·07	20							1	Sat.	26	10 ·64	16 ·81	23
—32	Fri.	28	7 ·08	4 ·08	21	29	Mon.	26	8 ·89	9 ·55	21	2	Sun.	27	11 ·58	17 ·78	24
			8 ·04			—30	Tues.	27	9 ·80	10 ·48	22	3	Mon.	28	12 ·54	18 ·77	25
1	Sat.	29	9 ·98	5 ·06	22	1	Wed.	28	10 ·70	11 ·41	23	4	Tues.	29	13 ·52	19 ·78	26
				6 ·03		2	Thur.	29	11 ·60	12 ·35	24	5	Wed.	30	14 ·52	20 ·82	27
2	Sun.	30	10 ·90	7 ·99	23	3	Fri.	30	12 ·50	13 ·28	25	6	Thur.	31	—A ·55	21 ·87	28
3	Mon.	31	11 ·82	8 ·94	24	4	Sat.	31	13 ·42	14 ·22	26						

Plavanga. **Karkataka—Ādi.** *Śrāvana.* *Bhādrapada.* *Plavanga.* **Simha—Āvani.** *Plavanga.* **Tulā—Āppasi.** *Plavanga.* **Kanyā—Puraṭṭāsi.** *Plavanga.* **Vriśchika—Kārttigai.** *Plavanga.* **Dhanus—Mārgali.** *Plavanga.* **Mārgaśirsha.** *Plavanga.* **Pausha.**

H. 583 *Jamādu'l awwal.* *H.* 583 *Jamādu'l ākhir.* *H.* 583 *Rajab.* *H.* 583 *Sha'bān.* *H.* 583 *Ramazān.* *H.* 583 *Shawwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Višāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1188. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·39.** **Śaka 1110.** **Kaliyuga 4289.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·34.** **(S. Cycle) Kīlaka.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammaden year, month and day.
	Jan.			
7	Fri. 1	1 ·59	22 ·94	—29
8	Sat. 2	2 ·66	... ...	1
9	Sun. 3	3 ·73	23 ·03	2
10	Mon. 4	4 ·81	24 ·13	3
11	Tues. 5	5 ·89	25 ·23	4
12	Wed. 6	6 ·98	26 ·35	5
13	Thur. 7	... ...	27 ·45	6
14	Fri. 8	7 ·06	1 ·53	7
15	Sat. 9	8 ·12	2 ·60	8
16	Sun. 10	9 ·17	3 ·65	9
17	Mon. 11	10 ·18	4 ·69	10
18	Tues. 12	11 ·18	5 ·70	11
19	Wed. 13	12 ·16	6 ·69	12
20	Thur. 14	13 ·12	7 ·66	13
21	Fri. 15	14 ·06 / P ·98	8 ·61	14
22	Sat. 16	1 ·90	9 ·57	15
23	Sun. 17	2 ·81	10 ·51	16
24	Mon. 18	3 ·71	11 ·44	17
25	Tues. 19	4 ·61	12 ·37	18
26	Wed. 20	5 ·52	13 ·30	19
27	Thur. 21	6 ·43	14 ·24	20
28	Fri. 22	7 ·34	15 ·18	21
—29	Sat. 23	8 ·27	16 ·14	22
1	Sun. 24	9 ·21	17 ·11	23
2	Mon. 25	10 ·17	18 ·09	24
3	Tues. 26	11 ·16	19 ·10	25
4	Wed. 27	12 ·16	20 ·13	26
5	Thur. 28	13 ·18	21 ·18	27
6	Fri. 29	14 ·22	22 ·25	28
7	Sat. 30	—A ·28	23 ·33	29
8	Sun. 31	1 ·36	24 ·43	—30
	Feb.			
9	Mon. 1	2 ·45	25 ·54	1
10	Tues. 2	3 ·53	26 ·65	2
11	Wed. 3	4 ·62	27 ·75	3
12	Thur. 4	5 ·70	1 ·84	4
13	Fri. 5	6 ·76	2 ·91	5
14	Sat. 6	7 ·79	3 ·98	6
15	Sun. 7	8 ·80	... ...	7
16	Mon. 8	9 ·80	4 ·01	8
17	Tues. 9	10 ·77	5 ·02	9
13	Wed. 10	11 ·73	6 ·01 / 7 ·99	10
19	Thur. 11	12 ·68	8 ·96	11
20	Fri. 12	13 ·61	9 ·91	12
21	Sat. 13	14 ·52	10 ·84	13
22	Sun. 14	P ·42	11 ·77	14
23	Mon. 15	1 ·32	12 ·70	15
24	Tues. 16	2 ·22	13 ·64	16
25	Wed. 17	3 ·13	14 ·58	17
23	Thur. 18	4 ·04 / 5 ·96	15 ·52	18
27	Fri. 19	6 ·88	16 ·47	19
28	Sat. 20	7 ·82	17 ·44	20
29	Sun. 21	8 ·78	18 ·42	21
—30	Mon. 22	9 ·76	19 ·43	22
1	Tues. 23	10 ·76	20 ·45	23
2	Wed. 24	11 ·78	21 ·49	24
3	Thur. 25	12 ·82	22 ·55	25
4	Fri. 26	13 ·88	23 ·63	26
5	Sat. 27	14 ·98	24 ·74	27
6	Sun. 28	... ...	25 ·85	28
7	Mon. ● 29	—A ·04	26 ·95	29
	March.			
8	Tues. 1	1 ·12	... ...	—30
9	Wed. 2	2 ·21	27 ·05	1
10	Thur. 3	3 ·29	1 ·14	2
11	Fri. 4	4 ·35	2 ·23	3
12	Sat. 5	5 ·38	3 ·29	4
13	Sun. 6	6 ·40	4 ·33	5
14	Mon. 7	7 ·39	5 ·34	6
15	Tues. 8	8 ·36	6 ·34	7
16	Wed. 9	9 ·32	7 ·33	8
17	Thur. 10	10 ·26	8 ·29	9
18	Fri. 11	11 ·19	9 ·24	10
19	Sat. 12	12 ·10	10 ·18	11
20	Sun. 13	13 ·00 / 14 ·90	11 ·11	12
21	Mon. 14	P ·80	12 ·04 / 13 ·98	13
22	Tues. 15	1 ·71	14 ·91	14
23	Wed. 16	2 ·62	15 ·85	15
24	Thur. 17	3 ·53	16 ·80	16
25	Fri. 18	4 ·45	17 ·76	17
26	Sat. 19	5 ·40	18 ·75	18
27	Sun. 20	6 ·36	19 ·75	19
28	Mon. 21	7 ·34	20 ·76	20
29	Tues. 22	8 ·33	21 ·80	21
—30	Wed. 23	9 ·34	22 ·86	22
1	Thur. 24	10 ·38	23 ·94	23
2	Fri. 25	11 ·44	.. ...	24
3	Sat. 26	12 ·52	24 ·04	25
4	Sun. 27	13 ·60	25 ·14	26
5	Mon. 28	14 ·69	26 ·24	27
6	Tues. 29	—A ·77	27 ·35	28
7	Wed. 30	1 ·84	1 ·45	29
8	Thur. 31	2 ·90	2 ·53	—30
	April.			
9	Fri. 1	3 ·93	3 ·60	1
10	Sat. 2	4 ·95	4 ·64	2
11	Sun. 3	5 ·94	5 ·66	3
12	Mon. 4	6 ·91	6 ·67	4
13	Tues. 5	7 ·86	7 ·66	5
14	Wed. 6	8 ·80	8 ·62	6
15	Thur. 7	9 ·73	9 ·58	7
16	Fri. 8	10 ·64	10 ·52	8
17	Sat. 9	11 ·55	11 ·45	9
18	Sun. 10	12 ·45	12 ·39	10
19	Mon. 11	13 ·35	13 ·32	11
20	Tues. 12	14 ·24	14 ·25	12
21	Wed. 13	P ·15	15 ·19	13
22	Thur. 14	1 ·06 / 2 ·99	16 ·14	14
23	Fri. 15	3 ·93	17 ·10	15
24	Sat. 16	4 ·88	18 ·08	16
25	Sun. 17	5 ·86	19 ·07	17
26	Mon. 18	6 ·85	20 ·08	18
27	Tues. 19	7 ·88	21 ·11	19
28	Wed. 20	8 ·92	22 ·17	20
29	Thur. 21	9 ·97	23 ·25	21
30	Fri. 22	... ...	24 ·34	22
—31	Sat. 23	10 ·04	25 ·44	23
1	Sun. 24	11 ·12	26 ·54	24
2	Mon. 25	12 ·21	27 ·66	25
3	Tues. 26	13 ·29	1 ·76	26
4	Wed. 27	14 ·36	2 ·84	27
5	Thur. 28	—A ·41	3 ·91	28
6	Fri. 29	1 ·44	4 ·95	—29
7	Sat. 30	2 ·46	5 ·98	1
	May.			
8	Sun. 1	3 ·45	... ...	2
9	Mon. 2	4 ·43	6 ·00 / 7 ·98	3
10	Tues. 3	5 ·38	8 ·95	4
11	Wed. 4	6 ·32	9 ·91	5
12	Thur. 5	7 ·24	10 ·85	6
13	Fri. 6	8 ·16	11 ·80	7
14	Sat. 7	9 ·06 / 10 ·95	12 ·78	8
15	Sun. 8	11 ·85	13 ·66	9
16	Mon. 9	12 ·75	14 ·59	10
17	Tues. 10	13 ·65	15 ·53	11
18	Wed. 11	14 ·56	16 ·48	12
19	Thur. 12	P ·49	17 ·44	13
20	Fri. 13	1 ·43	18 ·41	14
21	Sat. 14	2 ·38	19 ·39	15
22	Sun. 15	3 ·37	20 ·40	16
23	Mon. 16	4 ·35	21 ·44	17
24	Tues. 17	5 ·38	22 ·48	18
25	Wed. 18	6 ·42	23 ·55	19
26	Thur. 19	7 ·47	24 ·64	20
27	Fri. 20	8 ·54	25 ·73	21
28	Sat. 21	9 ·62	26 ·85	22
29	Sun. 22	10 ·70	27 ·96	23
30	Mon. 23	11 ·78	... ...	24
31	Tues. 24	12 ·85	1 ·03	25
—32	Wed. 25	13 ·90	2 ·14	26
1	Thur. 26	14 ·94	3 ·22	27
2	Fri. 27	—A ·95	4 ·27	28
3	Sat. 28	1 ·94	5 ·31	29
4	Sun. 29	2 ·91	6 ·32	—30
5	Mon. 30	3 ·87	7 ·31	1
6	Tues. 31	4 ·81	8 ·29	2
	June.			
7	Wed. 1	5 ·73	9 ·24	3
8	Thur. 2	6 ·64	10 ·20	4
9	Fri. 3	7 ·54	11 ·14	5
10	Sat. 4	8 ·43	12 ·07	6
11	Sun. 5	9 ·33	13 ·00 / 14 ·93	7
12	Mon. 6	10 ·23	15 ·87	8
13	Tues. 7	11 ·13	16 ·81	9
14	Wed. 8	12 ·04 / 13 ·97	17 ·77	10
15	Thur. 9	14 ·90	18 ·73	11
16	Fri. 10	P ·86	19 ·72	12
17	Sat. 11	1 ·84	20 ·73	13
18	Sun. 12	2 ·84	21 ·75	14
19	Mon. 13	3 ·85	22 ·79	15
20	Tues. 14	4 ·89	23 ·86	16
21	Wed. 15	5 ·95	24 ·94	17
22	Thur. 16	... ...	.. ..	18
23	Fri. 17	6 ·02	25 ·03	19
24	Sat. 18	7 ·10	26 ·14	20
25	Sun. 19	8 ·18	27 ·25	21
26	Mon. 20	9 ·26	1 ·36	22
27	Tues. 21	10 ·33	2 ·45	23
28	Wed. 22	11 ·38	3 ·52	24
29	Thur. 23	12 ·41	4 ·59	25
30	Fri. 24	13 ·42	5 ·63	26
—31	Sat. 25	14 ·42	6 ·64	27
1	Sun. 26	—A ·39	7 ·64	28
2	Mon. 27	1 ·34	8 ·61	—29
3	Tues. 28	2 ·28	9 ·59	1
4	Wed. 29	3 ·20	10 ·54	2
5	Thur. 30	4 ·11	11 ·47	3

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8 Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12 U. Phal. 25. P Bhad. 26. U. Bhad. 27. Rev.

A.D. 1188. **Kollam 364,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 584.** **Vikrama 1245.**
A—Amāvāsyā. Commences Commences **March. 2.** **Bengal San. 594.**
P—Paurnimā. **(N. Cycle) Paridhāvin**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
					5	Thur. 1	9 ·36	20 ·69	7	6	Tues. 1	11 ·74	26 ·65	9
6	Fri. 1	{ 5 ·01 / 6 ·91	12 ·41	4	6	Fri. 2	10 ·34	21 ·70	8	7	Wed. 2	12 ·83	27 ·75	10
7	Sat. 2	7 ·81	13 ·34	5	7	Sat. 3	11 ·34	22 ·73	9	8	Thur. 3	13 ·92	1 ·86	11
8	Sun. 3	8 ·71	14 ·28	6	8	Sun. 4	12 ·37	23 ·79	10	9	Fri. 4	... ...	2 ·96	12
9	Mon. 4	9 ·61	15 ·21	7	9	Mon. 5	13 ·41	24 ·86	11	10	Sat. 5	14 ·00	... ...	13
10	Tues. 5	10 ·53	16 ·15	8	10	Tues. 6	14 ·46	25 ·94	12	11	Sun. 6	P ·07	3 ·06	14
11	Wed. 6	11 ·45	17 ·10	9	11	Wed. 7	P ·54	... ...	13	12	Mon. 7	1 ·12	4 ·13	15
12	Thur. 7	12 ·38	18 ·06	10	12	Thur. 8	1 ·62	26 ·04	14	13	Tues. 8	2 ·16	5 ·20	16
13	Fri. 8	13 ·34	19 ·04	11	13	Fri. 9	2 ·71	27 ·15	15	14	Wed. 9	3 ·17	6 ·24	17
14	Sat. 9	14 ·32	20 ·05	12	14	Sat. 10	3 ·79	1 ·26	16	15	Thur. 10	4 ·18	7 ·26	18
15	Sun. 10	P ·32	21 ·07	13	15	Sun. 11	4 ·87	2 ·36	17	16	Fri. 11	5 ·15	8 ·26	19
16	Mon. 11	1 ·33	22 ·10	14	16	Mon. 12	5 ·92	3 ·45	18	17	Sat. 12	6 ·11	9 ·24	20
17	Tues. 12	2 ·37	23 ·16	15	17	Tues. 13	6 ·95	4 ·52	19					
18	Wed. 13	3 ·43	24 ·24	16	18	Wed. 14	7 ·97	5 ·57	20	18	Sun. 13	{ 7 ·05 / 8 ·97	10 ·21	21
19	Thur. 14	4 ·50	25 ·34	17	19	Thur. 15	8 ·96	6 ·61	21	19	Mon. 14	9 ·89	11 ·17	22
20	Fri. 15	5 ·58	26 ·45	18	20	Fri. 16	9 ·94	7 ·62	22	20	Tues. 15	10 ·80	12 ·11	23
21	Sat. 16	6 ·67	27 ·56	19	21	Sat. 17	10 ·90	8 ·61	23	21	Wed. 16	11 ·70	{ 13 ·04 / 14 ·97 }	24
22	Sun. 17	7 ·75	1 ·66	20	22	Sun. 18	11 ·84	9 ·58	24					
23	Mon. 18	8 ·82	2 ·75	21	23	Mon. 19	12 ·76	10 ·54	25	22	Thur. 17	12 ·60	15 ·91	25
24	Tues. 19	9 ·87	3 ·84	22	24	Tues. 20	13 ·67	11 ·48	26	23	Fri. 18	13 ·51	16 ·84	26
25	Wed. 20	10 ·90	4 ·90	23	25	Wed. 21	14 ·58	12 ·43	27	24	Sat. 19	14 ·42	17 ·78	27
26	Thur. 21	11 ·91	5 ·94	24	26	Thur. 22	A ·48	13 ·36	28	25	Sun. 20	A ·34	18 ·73	28
27	Fri. 22	12 ·90	6 ·96	25	27	Fri. 23	1 ·38	14 ·29	29	26	Mon. 21	1 ·27	19 ·69	29
28	Sat. 23	13 ·87	7 ·96	26	28	Sat. 24	2 ·28	15 ·22	30	27	Tues. 22	2 ·21	20 ·67	30
29	Sun. 24	14 ·83	8 ·95	27	29	Sun. 25	3 ·19	16 ·16	1	28	Wed. 23	3 ·17	21 ·67	1
30	Mon. 25	A ·77	9 ·92	28	30	Mon. 26	4 ·11	17 ·11	2	29	Thur. 24	4 ·16	22 ·68	2
31	Tues. 26	1 ·69	10 ·87	29						30	Fri. 25	5 ·16	23 ·72	3
32	Wed. 27	2 ·60	11 ·81	30	1	Tues. 27	{ 5 ·04 / 6 ·98	18 ·06	3	1	Sat. 26	6 ·19	24 ·77	4
1	Thur. 28	3 ·50	12 ·75	1	2	Wed. 28	7 ·94	19 ·08	4	2	Sun. 27	7 ·24	25 ·85	5
2	Fri. 29	4 ·40	13 ·68	2	3	Thur. 29	8 ·92	20 ·01	5	3	Mon. 28	8 ·30	26 ·95	6
3	Sat. 30	5 ·30	14 ·61	3	4	Fri. 30	9 ·91	21 ·02	6	4	Tues. 29	9 ·37	...	7
4	Sun. 31	6 ·20	15 ·55	4						5	Wed. 30	10 ·46	27 ·05	8
	Aug.					**Oct.**					**Dec.**			
5	Mon. 1	7 ·10	16 ·48	5	5	Sat. 1	10 ·94	22 ·05	7	6	Thur. 1	11 ·55	1 ·16	9
6	Tues. 2	{ 8 ·02 / 9 ·95	17 ·43	6	6	Sun. 2	11 ·98	23 ·10	8	7	Fri. 2	12 ·64	2 ·26	10
7	Wed. 3	10 ·89	18 ·39	7	7	Mon. 3	... ...	24 ·16	9	8	Sat. 3	13 ·71	3 ·36	11
8	Thur. 4	11 ·84	19 ·38	8	8	Tues. 4	12 ·05	25 ·24	10	9	Sun. 4	14 ·77	4 ·45	12
9	Fri. 5	12 ·81	20 ·37	9	9	Wed. 5	13 ·13	26 ·34	11	10	Mon. 5	P ·80	5 ·51	13
10	Sat. 6	13 ·81	21 ·38	10	10	Thur. 6	14 ·21	27 ·43	12	11	Tues. 6	1 ·81	6 ·56	14
11	Sun. 7	14 ·83	22 ·41	11	11	Fri. 7	P ·30	1 ·56	13	12	Wed. 7	2 ·82	7 ·58	15
12	Mon. 8	P ·88	23 ·47	12	12	Sat. 8	1 ·38	2 ·66	14	13	Thur. 8	3 ·79	8 ·59	16
13	Tues. 9	1 ·94	24 ·55	13	13	Sun. 9	2 ·45	3 ·75	15	14	Fri. 9	4 ·75	9 ·58	17
14	Wed. 10	... ...	25 ·64	14	14	Mon. 10	3 ·50	4 ·83	16	15	Sat. 10	5 ·69	10 ·55	18
15	Thur. 11	2 ·01	26 ·74	15	15	Tues. 11	4 ·54	5 ·88	17	16	Sun. 11	6 ·62	11 ·50	19
16	Fri. 12	3 ·09	27 ·85	16	16	Wed. 12	5 ·56	6 ·93	18	17	Mon. 12	7 ·54	12 ·44	20
17	Sat. 13	4 ·18	1 ·96	17	17	Thur. 13	6 ·55	7 ·94	19	18	Tues. 13	8 ·45	13 ·38	
18	Sun. 14	5 ·25	... ...	18	18	Fri. 14	7 ·53	8 ·94	20	19	Wed. 14	9 ·35	14 ·32	21
19	Mon. 15	6 ·32	2 ·06	19	19	Sat. 15	8 ·49	9 ·91	21	20	Thur. 15	10 ·25	15 ·25	22
20	Tues. 16	7 ·38	3 ·15	20	20	Sun. 16	9 ·43	10 ·87	22	21	Fri. 16	11 ·15	16 ·18	23
21	Wed. 17	8 ·41	4 ·21	21	21	Mon. 17	10 ·35	11 ·83	23			{ 12 ·06		24
22	Thur. 18	9 ·43	5 ·26	22	22	Tues. 18	11 ·27	12 ·77	24	22	Sat. 17	/ 13 ·98	17 ·11	25
23	Fri. 19	10 ·42	6 ·28	23	23	Wed. 19	12 ·17	13 ·70	25	23	Sun. 18	14 ·91	18 ·00	26
24	Sat. 20	11 ·39	7 ·30	24	24	Thur. 20	{ 13 ·07 / 14 ·97 }	14 ·63	26	24	Mon. 19	A ·86	19 ·03	27
25	Sun. 21	12 ·34	8 ·28	25	25	Fri. 21	A ·87	15 ·56	27	25	Tues. 20	1 ·84	{ 20 ·00 / 21 ·99 }	28
26	Mon. 22	13 ·28	9 ·25	26	26	Sat. 22	1 ·79	16 ·50	28	26	Wed. 21	2 ·80	... ...	29
27	Tues. 23	14 ·21	10 ·21	27	27	Sun. 23	2 ·71	17 ·44	29	27	Thur. 22	3 ·81	22 ·00	1
28	Wed. 24	A ·12	11 ·15	28	28	Mon. 24	3 ·64	18 ·39	1	28	Fri. 23	4 ·83	23 ·03	2
29	Thur. 25	{ 1 ·02 / 2 ·92 }	12 ·08	29	29	Tues. 25	4 ·58	19 ·36	2	29	Sat. 24	5 ·88	24 ·08	3
					30	Wed. 26	5 ·54	20 ·34	3	1	Sun. 25	6 ·94	25 ·16	4
30	Fri. 26	3 ·82	{ 13 ·02 / 14 ·95 }	1	1	Thur. 27	6 ·53	21 ·35	4	2	Mon. 26	... ...	26 ·25	5
31	Sat. 27	4 ·72	15 ·88	2	2	Fri. 28	7 ·53	22 ·37	5	3	Tues. 27	7 ·02	27 ·35	6
1	Sun. 28	5 ·62	16 ·82	3	3	Sat. 29	8 ·55	23 ·41	6	4	Wed. 28	8 ·11	1 ·45	7
2	Mon. 29	6 ·54	17 ·76	4	4	Sun. 30	9 ·59	24 ·47	7	5	Thur. 29	9 ·20	2 ·56	8
3	Tues. 30	7 ·47	18 ·73	5	5	Mon. 31	10 ·66	25 ·55	8	6	Fri. 30	10 ·28	3 ·67	9
4	Wed. 31	8 ·41	19 ·70	6						7	Sat. 31	11 ·35	4 ·76	10

Kīlaka. **Karkataka—Ādi.** *Sukla.* **Adhika Śrāvana.** *Bahula.* *Jamādā'l awwal.* *H.* 584

Kīlaka. **Siṁha—Āvaṇi.** *Sukla.* **Nija Śrāvana.** *Bahula.* *Jamādā'l ākhir.* *H.* 584

Kīlaka. **Kanyā—Puraṭṭāsi.** *Bahula.* *Rajab.* *H.* 584

Kīlaka. **Tulā—Aippasi.** *Sukla.* **Āśvina.** *Bahula.* *Shu'bān.* *H.* 584

Kīlaka. **Vṛiśchika—Kārttigai.** *Bahula.* *Ramazān.* *H.* 584

Kīlaka. **Dhanus—Mārgali.** *Sukla.* **Mārgaśīrsha.** *Bahula.* *Shawwāl.* *H.* 584

Kīlaka. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *Dhu'l ka'da.* *H.* 584

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1189. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·64.** **Śaka 1111.** **Kaliyuga 4290.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·59.** **(S. Cycle) Saumya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
8	Sun. 1	12 ·41	5 ·82	11
9	Mon. 2	13 ·45	6 ·87	12
10	Tues. 3	14 ·47	7 ·90	13
11	Wed. 4	P ·46	8 ·92	14
12	Thur. 5	1 ·43	9 ·91	15
13	Fri. 6	2 ·39	10 ·88	16
14	Sat. 7	3 ·33	11 ·83	17
15	Sun. 8	4 ·26	12 ·78	18
16	Mon. 9	5 ·18	13 ·73	19
17	Tues. 10	6 ·09 7 ·99	14 ·66	20
18	Wed. 11	8 ·89	15 ·59	21
19	Thur. 12	9 ·79	16 ·52	22
20	Fri. 13	10 ·70	17 ·45	23
21	Sat. 14	11 ·62	18 ·39	24
22	Sun. 15	12 ·55	19 ·36	25
23	Mon. 16	13 ·50	20 ·33	26
24	Tues. 17	14 ·46	21 ·31	27
25	Wed. 18	A ·45	22 ·32	28
26	Thur. 19	1 ·44	23 ·34	29
27	Fri. 20	2 ·46	24 ·40	30
28	Sat. 21	3 ·51	25 ·47	1
29	Sun. 22	4 ·58	26 ·55	2
1	Mon. 23	5 ·66	27 ·65	3
2	Tues. 24	6 ·74	1 ·75	4
3	Wed. 25	7 ·83	2 ·87	5
4	Thur 26	8 ·92	3 ·97	6
5	Fri. 27	9 ·99	... ...	7
6	Sat. 28	... ...	4 ·06	8
7	Sun. 29	10 ·04	5 ·13	9
8	Mon. 30	11 ·07	6 ·19	10
9	Tues. 31	12 ·10	7 ·23	11
	Feb.			
10	Wed. 1	13 ·09	8 ·24	12
11	Thur.○ 2	14 ·07	9 ·23	13
12	Fri. 3	P ·02 1 ·96	10 ·21	14
13	Sat. 4	2 ·88	11 ·17	15
14	Sun. 5	3 ·80	12 ·11	16
15	Mon. 6	4 ·71	13 ·06 14 ·99	17
16	Tues. 7	5 ·61	15 ·92	18
17	Wed. 8	6 ·51	16 ·85	19
18	Thur. 9	7 ·41	17 ·79	20
19	Fri. 10	8 ·32	18 ·74	21
20	Sat. 11	9 ·24	19 ·69	22
21	Sun. 12	10 ·17	20 ·66	23
22	Mon. 13	11 ·11	21 ·64	24
23	Tues. 14	12 ·07	22 ·64	25
24	Wed. 15	13 ·06	23 ·67	26
25	Thur. 16	14 ·05	24 ·71	27
26	Fri.● 17	A ·08	25 ·77	28
27	Sat. 18	1 ·13	26 ·85	29
28	Sun. 19	2 ·20	27 ·95	1
29	Mon. 20	3 ·27	... ...	2
30	Tues. 21	4 ·35	1 ·06	3
1	Wed. 22	5 ·44	2 ·17	4
2	Thur. 23	6 ·52	3 ·27	5
3	Fri. 24	7 ·59	4 ·36	6
4	Sat. 25	8 ·64	5 ·44	7
5	Sun. 26	9 ·68	6 ·51	8
6	Mon. 27	10 ·69	7 ·55	9
7	Tues. 28	11 ·68	8 ·56	10
	March.			
8	Wed. 1	12 ·66	9 ·56	11
9	Thur. 2	13 ·62	10 ·54	12
10	Fri. 3	14 ·57	11 ·50	13
11	Sat. 4	P ·49	12 ·46	14
12	Sun. 5	1 ·40	13 ·40	15
13	Mon. 6	2 ·30	14 ·33	16
14	Tues. 7	3 ·20	15 ·26	17
15	Wed. 8	4 ·10	16 ·19	18
16	Thur. 9	5 ·00	17 ·13	19
17	Fri. 10	6 ·91 7 ·83	18 ·07	20
18	Sat. 11	8 ·76	19 ·02 20 ·98	21
19	Sun. 12	9 ·70	21 ·96	22
20	Mon. 13	10 ·66	22 ·97	23
21	Tues. 14	11 ·64	23 ·98	24
22	Wed. 15	12 ·63	... ...	25
23	Thur. 16	13 ·66	24 ·02	26
24	Fri. 17	14 ·70	25 ·08	27
25	Sat. 18	A ·77	26 ·15	28
26	Sun. 19	1 ·84	27 ·26	29
27	Mon. 20	2 ·93	1 ·36	30
28	Tues. 21	... ...	2 ·46	1
29	Wed. 22	3 ·01	3 ·56	2
30	Thur. 23	4 ·09	4 ·66	3
31	Fri. 24	5 ·15	5 ·75	4
1	Sat. 25	6 ·20	6 ·82	5
2	Sun. 26	7 ·24	7 ·86	6
3	Mon. 27	8 ·25	8 ·88	7
4	Tues. 28	9 ·25	9 ·88	8
5	Wed. 29	10 ·22	10 ·87	9
6	Thur. 30	11 ·17	11 ·84	10
7	Fri. 31	12 ·11	12 ·80	11
	April.			
8	Sat. 1	13 ·03 14 ·95	13 ·74	12
9	Sun. 2	P ·85	14 ·67	13
10	Mon. 3	1 ·75	15 ·60	14
11	Tues. 4	2 ·65	16 ·54	15
12	Wed. 5	3 ·55	17 ·47	16
13	Thur. 6	4 ·45	18 ·41	17
14	Fri. 7	5 ·37	19 ·36	18
15	Sat. 8	6 ·30	20 ·31	19
16	Sun. 9	7 ·24	21 ·30	20
17	Mon. 10	8 ·20	22 ·29	21
18	Tues. 11	9 ·18	23 ·30	22
19	Wed. 12	10 ·17	24 ·33	23
20	Thur. 13	11 ·19	25 ·39	24
21	Fri. 14	12 ·23	26 ·47	25
22	Sat. 15	13 ·30	27 ·56	26
23	Sun. 16	14 ·38	1 ·66	27
24	Mon. 17	A ·46	2 ·76	28
25	Tues. 18	1 ·54	3 ·87	29
26	Wed. 19	2 ·62	4 ·97	1
27	Thur. 20	3 ·69	... ...	2
28	Fri. 21	4 ·74	5 ·06	3
29	Sat. 22	5 ·78	6 ·13	4
30	Sun. 23	6 ·78	7 ·17	5
31	Mon. 24	7 ·77	8 ·20	6
1	Tues. 25	8 ·74	9 ·21	7
2	Wed. 26	9 ·70	10 ·20	8
3	Thur. 27	10 ·63	11 ·17	9
4	Fri. 28	11 ·55	12 ·13	10
5	Sat. 29	12 ·46	13 ·07	11
6	Sun. 30	13 ·36	14 ·01 15 ·95	12
	May.			
7	Mon. 1	14 ·26	16 ·88	13
8	Tues. 2	P ·16	17 ·81	14
9	Wed. 3	1 ·06 2 ·96	18 ·74	15
10	Thur. 4	3 ·88	19 ·69	16
11	Fri. 5	4 ·81	20 ·65	17
12	Sat. 6	5 ·74	21 ·62	18
13	Sun. 7	6 ·70	22 ·61	19
14	Mon. 8	7 ·68	23 ·62	20
15	Tues. 9	8 ·69	24 ·65	21
16	Wed. 10	9 ·70	25 ·69	22
17	Thur. 11	10 ·74	26 ·77	23
18	Fri. 12	11 ·80	27 ·86	24
19	Sat. 13	12 ·87	1 ·95	25
20	Sun. 14	13 ·95	.. ...	26
21	Mon. 15	... ...	2 ·06	27
22	Tues. 16	14 ·03	3 ·17	28
23	Wed. 17	A ·12	4 ·28	29
24	Thur. 18	1 ·19	5 ·36	30
25	Fri. 19	2 ·24	6 ·44	1
26	Sat. 20	3 ·27	7 ·49	2
27	Sun. 21	4 ·29	8 ·52	3
28	Mon. 22	5 ·27	9 ·54	4
29	Tues. 23	6 ·24	10 ·53	5
30	Wed. 24	7 ·19	11 ·50	6
31	Thur. 25	8 ·12	12 ·46	7
1	Fri. 26	9 ·04 10 ·95	13 ·41	8
2	Sat. 27	11 ·85	14 ·36	9
3	Sun. 28	12 ·75	15 ·29	10
4	Mon. 29	13 ·65	16 ·22	11
5	Tues. 30	14 ·55	17 ·15	12
6	Wed. 31	P ·45	18 ·08	13
	June.			
7	Thur. 1	1 ·36	19 ·03 20 ·99	14
8	Fri. 2	2 ·29	21 ·95	15
9	Sat. 3	3 ·23	22 ·94	16
10	Sun. 4	4 ·19	23 ·94	17
11	Mon. 5	5 ·17	24 ·96	18
12	Tues. 6	6 ·17	.. ..	19
13	Wed. 7	7 ·18	25 ·01	20
14	Thur. 8	8 ·22	26 ·08	21
15	Fri. 9	9 ·28	27 ·16	22
16	Sat. 10	10 ·35	1 ·25	23
17	Sun. 11	11 ·43	2 ·36	24
18	Mon. 12	12 ·52	3 ·47	25
19	Tues. 13	13 ·60	4 ·58	26
20	Wed. 14	14 ·66	5 ·67	27
21	Thur. 15	A ·71	6 ·74	28
22	Fri. 16	1 ·75	7 ·80	29
23	Sat. 17	2 ·76	8 ·85	1
24	Sun. 18	3 ·74	9 ·86	2
25	Mon. 19	4 ·71	10 ·86	3
26	Tues. 20	5 ·66	11 ·83	4
27	Wed. 21	6 ·59	12 ·80	5
28	Thur. 22	7 ·52	13 ·75	6
29	Fri. 23	8 ·43	14 ·69	7
30	Sat. 24	9 ·33	15 ·63	8
31	Sun. 25	10 ·23	16 ·56	9
32	Mon. 26	11 ·13	17 ·49	10
1	Tues. 27	12 ·03 13 ·93	18 ·42	11
2	Wed. 28	14 ·84	19 ·37	12
3	Thur. 29	P ·76	20 ·32	13
4	Fri. 30	1 ·70	21 ·28	14

Kilaka. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 584 *Zi-l-ka'da.*

Kilaka. **Kumbha—Māsi.** *Bahula.* *H.* 584 *Zi-l-hijja.*

Saumya. **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H.* 585 *Muharram.*

Kilaka. **Mīna—Pāṅguni.** *Bahula.* **Phālguna.** *Sukla.* *H.* 585 *Muharram.*

Saumya. **Vṛishabha—Vaigāsi.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 585 *Rabī-ul awwal.*

Saumya. **Mithuna—Ani.** *Bahula.* **Jyeshṭha.** *Sukla.* **Āshāḍha.** *Sukla.* *H.* 585 *Rabī-ul ākhir.*

H. 585 *Safar.* *H.* 585 *Rabī-ul awwal.* *H.* 585 *Jamādi l awwal.*

Nakshatras: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1189. **Kollam 365.** { **N. Malabar—Aug.** **Hijra 585.** **Vikrama 1246.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 19.** **Bengal San. 595.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Sat.	1	2 ·66	22 ·26	15		Fri.	1	5 ·94	2 ·26	18		Wed.	1	6 ·46	8 ·41	20
	Sun.	2	3 ·65	23 ·26	16		Sat.	2	...	3 ·37	19		Thur.	2	7 ·48	9 ·46	21
	Mon.	3	4 ·64	24 ·29	17		Sun.	3	6 ·03	4 ·47	20		Fri.	3	8 ·46	10 ·48	22
	Tues.	4	5 ·66	25 ·32	18		Mon.	4	7 ·11	5 ·57	21		Sat.	4	9 ·44	11 ·48	23
	Wed.	5	6 ·70	26 ·38	19		Tues.	5	8 ·18	6 ·67	22		Sun.	5	10 ·40	12 ·46	24
	Thur.	6	7 ·75	27 ·46	20		Wed.	6	9 ·23	7 ·74	23		Mon.	6	11 ·34	13 ·42	25
	Fri.	7	8 ·83	1 ·55	21		Thur.	7	10 ·27	8 ·79	24		Tues.	7	12 ·26	14 ·39	26
	Sat.	8	9 ·91	2 ·67	22		Fri.	8	11 ·28	9 ·82	25		Wed.	8	13 ·17	15 ·33	27
	Sun.	9	...	3 ·77	23		Sat.	9	12 ·27	10 ·83	26		Thur.	9	14 ·08	16 ·26	28
	Mon.	10	10 ·00	4 ·88	24		Sun.	10	13 ·24	11 ·83	27				A ·98		
	Tues.	11	11 ·08	5 ·97	25		Mon.	11	14 ·20	12 ·80	28		Fri.	10	1 ·88	17 ·19	29
	Wed.	12	12 ·15	... ...	26		Tues.	12	A ·13	13 ·76	29		Sat.	11	2 ·78	18 ·12	—30
	Thur.	13	13 ·20	6 ·05	27		Wed.	13	1 ·05	14 ·70	—30		Sun.	12	3 ·70	19 ·06	1
	Fri.	14	14 ·23	7 ·12	28				2 ·97				Mon.	13	4 ·62	20 ·00	2
	Sat.	15	A ·24	8 ·16	29		Thur.	14	3 ·87	15 ·64	1					21 ·96	
	Sun.	16	1 ·22	9 ·18	—30		Fri.	15	4 ·77	16 ·58	2		Tues.	14	5 ·54	22 ·91	3
	Mon.	17	2 ·20	10 ·18	1		Sat.	16	5 ·67	17 ·51	3		Wed.	15	6 ·49	23 ·88	4
	Tues.	18	3 ·15	11 ·16	2		Sun.	17	6 ·57	18 ·44	4		Thur.	16	7 ·46	24 ·88	5
	Wed.	19	4 ·08	12 ·14	3		Mon.	18	7 ·48	19 ·38	5		Fri.	17	8 ·45	25 ·90	6
	Thur.	20	5 ·00	13 ·09	4		Tues.	19	8 ·40	20 ·32	6		Sat.	18	9 ·45	26 ·94	7
			6 ·91				Wed.	20	9 ·32	21 ·28	7		Sun.	19	10 ·48	27 ·99	8
	Fri.	21	7 ·81	14 ·03	5		Thur.	21	10 ·27	22 ·25	8		Mon.	20	11 ·53	... ...	9
				15 ·96			Fri.	22	11 ·24	23 ·23	9		Tues.	21	12 ·59	1 ·07	10
	Sat.	22	8 ·71	16 ·89	6		Sat.	23	12 ·22	24 ·24	10		Wed.	22	13 ·67	2 ·16	11
	Sun.	23	9 ·61	17 ·82	7		Sun.	24	13 ·23	25 ·26	11		Thur.	23	14 ·75	3 ·27	12
	Mon.	24	10 ·51	18 ·77	8		Mon.	25	14 ·25	26 ·32	12		Fri.	24	P ·85	4 ·38	13
	Tues.	25	11 ·42	19 ·70	9		Tues.	26	P ·29	27 ·38	13		Sat.	25	1 ·93	5 ·48	14
	Wed.	26	12 ·33	20 ·65	10		Wed.	27	1 ·35	1 ·46	14		Sun.	26	... ...	6 ·58	15
	Thur.	27	13 ·25	21 ·61	11		Thur	28	2 ·42	2 ·56	15		Mon.	27	2 ·00	7 ·66	16
	Fri.	28	14 ·19	22 ·59	12		Fri.	29	3 ·51	3 ·67	16		Tues.	28	3 ·06	8 ·73	17
	Sat.	29	P ·15	23 ·59	13		Sat.	30	4 ·60	4 ·78	17		Wed.	29	4 ·09	9 ·78	18
	Sun.	30	1 ·14	24 ·60	14								Thur.	30	5 ·11	10 ·80	19
	Mon.	31	2 ·14	25 ·64	15												
	Aug.						**Oct.**						**Dec.**				
	Tues.	1	3 ·15	26 ·69	16		Sun.	1	5 ·68	5 ·88	18		Fri.	1	6 ·10	11 ·81	20
	Wed.	2	4 ·19	27 ·76	17		Mon.	2	6 ·75	6 ·97	19		Sat.	2	7 ·08	12 ·79	21
	Thur.	3	5 ·26	1 ·86	18		Tues.	3	7 ·81	... ...	20				8 ·03		
	Fri.	4	6 ·33	2 ·96	19		Wed.	4	8 ·85	7 ·05	21		Sun.	3	9 ·97	13 ·77	22
	Sat.	5	7 ·41	... ...	20		Thur.	5	9 ·87	8 ·10	22		Mon.	4	10 ·84	14 ·72	23
	Sun.	6	8 ·49	3 ·07	21		Fri.	6	10 ·85	9 ·14	23		Tues.	5	11 ·80	15 ·66	24
	Mon.	7	9 ·57	4 ·18	22		Sat.	7	11 ·82	10 ·16	24		Wed.	6	12 ·71	16 ·60	25
	Tues.	8	10 ·65	5 ·27	23		Sun.	8	12 ·78	11 ·16	25		Thur.	7	13 ·62	17 ·53	26
	Wed.	9	11 ·70	6 ·37	24		Mon.	9	13 ·72	12 ·13	26		Fri.	8	14 ·52	18 ·46	27
	Thur.	10	12 ·74	7 ·43	25		Tues.	10	14 ·64	13 ·09	27		Sat.	9	A ·42	19 ·40	28
	Fri.	11	13 ·75	8 ·48	26					14 ·04			Sun.	10	1 ·34	20 ·33	—29
	Sat.	12	14 ·73	9 ·50	27		Wed.	11	A ·55	15 ·99	28		Mon.	11	2 ·26	21 ·28	1
	Sun.	13	A ·70	10 ·51	28		Thur.	12	1 ·46	16 ·92	—29		Tues.	12	3 ·19	22 ·24	2
	Mon.	14	1 ·65	11 ·49	—29		Fri.	13	2 ·36	17 ·85	1		Wed.	13	4 ·14	23 ·21	3
	Tues.	15	2 ·59	12 ·47	1		Sat.	14	3 ·26	18 ·78	2		Thur.	14	5 ·10	24 ·21	4
	Wed.	16	3 ·51	13 ·42	2		Sun.	15	4 ·16	19 ·71	3		Fri.	15	6 ·09	25 ·22	5
	Thur.	17	4 ·43	14 ·37	3				5 ·07				Sat.	16	7 ·09	26 ·25	6
	Fri.	18	5 ·33	15 ·30	4		Mon.	16	6 ·99	20 ·66	4		Sun.	17	8 ·13	27 ·30	7
	Sat.	19	6 ·23	16 ·23	5		Tues.	17	7 ·92	21 ·61	5		Mon.	18	9 ·17	1 ·37	8
	Sun.	20	7 ·12	17 ·17	6		Wed.	18	8 ·87	22 ·58	6		Tues.	19	10 ·23	2 ·47	9
	Mon.	21	8 ·02	18 ·10	7		Thur.	19	9 ·83	23 ·56	7		Wed.	20	11 ·31	3 ·57	10
			9 ·93				Fri.	20	10 ·81	24 ·56	8		Thur.	21	12 ·40	4 ·68	11
	Tues.	22	10 ·84	19 ·04	8		Sat.	21	11 ·82	25 ·58	9		Fri.	22	13 ·49	5 ·78	12
				20 ·98			Sun.	22	12 ·85	26 ·68	10		Sat.	23	14 ·57	6 ·88	13
	Wed.	23	11 ·77	21 ·94	9		Mon.	23	13 ·90	27 ·69	11		Sun.	24	P ·65	7 ·98	14
	Thur.	24	12 ·71	22 ·92	10		Tues.	24	14 ·96	1 ·77	12		Mon.	25	1 ·71	... ...	15
	Fri.	25	13 ·68	23 ·91	11		Wed.	25	P ·02	2 ·86	13		Tues.	26	2 ·75	8 ·04	16
	Sat.	26	14 ·66	24 ·92	12		Thur.	26	P ·04	3 ·96	14		Wed.	27	3 ·76	9 ·09	17
	Sun.	27	P ·67	25 ·95	13		Fri.	27	1 ·12	... ...	15		Thur.	28	4 ·75	10 ·12	18
	Mon.	28	1 ·69	... ...	14		Sat.	28	2 ·21	4 ·08	16		Fri.	29	5 ·72	11 ·13	19
	Tues.	29	2 ·72	26 ·00	15		Sun.	29	3 ·29	5 ·18	17		Sat.	30	6 ·68	12 ·13	20
	Wed.	30	3 ·73	27 ·08	16		Mon.	30	4 ·86	6 ·28	18		Sun.	31	7 ·62	13 ·10	21
	Thur.	31	4 ·86	1 ·16	17		Tues.	31	5 ·42	7 ·35	19						

Saumya. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** **Bhādrapada.** *H.* 585 *Jamāda'l awwal.* *H.* 585 *Jamāda'l ākhir.* *H.* 585 *Rajab.*

Saumya. **Kanyā—Purattāsi.** *Bahula.* *Sukla.* **Āśvina.** **Kārttika.** *H.* 585 *Rajab.* *H.* 585 *Śha'bān.* *H.* 585 *Ramażān.*

Saumya. **Tulā—Aippasi.** *Bahula.* *Sukla.* **Mārgaśīrsha.** **Pausha.** *H.* 585 *Ramażān.* *H.* 585 *Shawwāl.* *H.* 585 *Zi-l-ka'da.*

Saumya. **Siṁha—Avaṇi.** *Bahula.* *Sukla.* **Bhādrapada.** **Āśvina.** *H.* 585 *Jamāda'l ākhir.* *H.* 585 *Śha'bān.* *H.* 585 *Shawwāl.*

Saumya. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* **Mārgaśīrsha.** **Pausha.** *H.* 585 *Ramażān.* *H.* 585 *Shawwāl.* *H.* 585 *Zi-l-ka'da.*

Saumya. **Dhanus—Mārgali.** *Bahula.* *Sukla.* **Pausha.** *H.* 585 *Shawwāl.* *H.* 585 *Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1190. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·90.** **Śaka 1112.** **Kaliyuga 4291.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·85.** **(S. Cycle) Sādhāraṇa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Mon.	1	8 ·54	14 ·05	22	7	Thur.	1	8 ·39	19 ·41	22	7	Tues.	1	10 ·02	26 ·84	24
9	Tues.	2	9 ·46	15 ·00 / 16 ·93	23	8	Fri.	2	9 ·29	20 ·34	23	8	Wed.	2	11 ·01	27 ·87	25
10	Wed.	3	10 ·36	17 ·86	24	9	Sat.	3	10 ·20	21 ·29	24	9	Thur.	3	12 ·00	1 ·91	26
11	Thur.	4	11 ·26	18 ·80	25	10	Sun.	4	11 ·12	22 ·24	25	10	Fri.	4	13 ·03	2 ·99	27
12	Fri.	5	12 ·16	19 ·73	26	11	Mon.	5	12 ·05	23 ·20	26	11	Sat.	5	14 ·07	... ...	28
13	Sat.	6	13 ·07 / 14 ·98	20 ·67	27	12	Tues.	6	13 ·00 / 14 ·96	24 ·18	27	12	Sun.	6	A ·13	3 ·08	29
14	Sun.	7	A ·90	21 ·61	28	13	Wed.	7	A ·94	25 ·18	28	13	Mon.	7	1 ·20	4 ·17	−30
15	Mon.	8	1 ·83	22 ·57	29	14	Thur.	8	1 ·95	26 ·20	29	14	Tues.	8	2 ·28	5 ·28	1
16	Tues.	9	2 ·78	23 ·55	−30	15	Fri.	9	2 ·97	27 ·24	−30	15	Wed.	9	3 ·37	6 ·39	2
17	Wed.	10	3 ·75	24 ·53	1	16	Sat.	10	... ...	1 ·30	1	16	Thur.	10	4 ·45	7 ·49	3
18	Thur	11	4 ·73	25 ·54	2	17	Sun.	11	3 ·02	2 ·37	2	17	Fri.	11	5 ·51	8 ·58	4
19	Fri.	12	5 ·74	26 ·56	3	18	Mon.	12	4 ·08	3 ·47	3	18	Sat.	12	6 ·56	9 ·66	5
20	Sat.	13	6 ·77	27 ·61	4	19	Tues.	13	5 ·16	4 ·57	4	19	Sun.	13	7 ·60	10 ·71	6
21	Sun.	14	7 ·81	1 ·69	5	20	Wed.	14	6 ·24	5 ·69	5	20	Mon.	14	8 ·60	11 ·74	7
22	Mon.	15	8 ·88	2 ·77	6	21	Thur.	15	7 ·32	6 ·79	6	21	Tues.	15	9 ·58	12 ·75	8
23	Tues.	16	9 ·96	3 ·87	7	22	Fri.	16	8 ·40	7 ·89	7	22	Wed.	16	10 ·56	13 ·75	9
24	Wed.	17	... ...	4 ·97	8	23	Sat.	17	9 ·47	8 ·97	8	23	Thur.	17	11 ·51	14 ·72	10
25	Thur.	18	10 ·05	... ...	9	24	Sun.	18	10 ·53	... ...	9	24	Fri.	18	12 ·44	15 ·68	11
26	Fri.	19	11 ·14	5 ·08	10	25	Mon.	19	11 ·56	9 ·03	10	25	Sat.	19	13 ·36	16 ·63	12
27	Sat.	20	12 ·22	6 ·19	11	26	Tues.	20	12 ·58	10 ·08	11	26	Sun.	20	14 ·27	17 ·57	13
28	Sun.	21	13 ·29	7 ·28	12	27	Wed.	21	13 ·56	11 ·10	12	27	Mon.	21	P ·17	18 ·51	14
29	Mon.	22	14 ·34	8 ·35	13	28	Thur.	22	14 ·53	12 ·10	13	28	Tues.	22	1 ·06 / 2 ·96	19 ·45	15
−30	Tues. ○	23	P ·38	9 ·41	14	29	Fri.	23	P ·48	13 ·09	14	29	Wed.	23	3 ·86	20 ·37	16
1	Wed.	24	1 ·39	10 ·44	15	−30	Sat.	24	1 ·41	14 ·05	15	30	Thur.	24	4 ·76	21 ·30	17
2	Thur.	25	2 ·38	11 ·45	16	1	Sun.	25	2 ·34	15 ·00 / 16 ·94	16	−31	Fri.	25	5 ·68	22 ·24	18
3	Fri.	26	3 ·35	12 ·45	17	2	Mon.	26	3 ·25	17 ·88	17	1	Sat.	26	6 ·61	23 ·20	19
4	Sat.	27	4 ·31	13 ·43	18	3	Tues.	27	4 ·15	18 ·81	18	2	Sun.	27	7 ·55	24 ·17	20
5	Sun.	28	5 ·25	14 ·39	19	4	Wed.	28	5 ·05 / 6 ·95	19 ·74	19	3	Mon.	28	8 ·51	25 ·16	21
6	Mon.	29	6 ·17	15 ·33	20	5	Thur.	29	7 ·85	20 ·68	20	4	Tues.	29	9 ·49	26 ·16	22
7	Tues.	30	7 ·08 / 8 ·99	16 ·27	21	6	Fri.	30	8 ·75	21 ·61	21	5	Wed.	30	10 ·49	27 ·18	23
8	Wed.	31	9 ·90	17 ·21	22	7	Sat.	31	9 ·67	22 ·57	22	6	Thur.	31	11 ·52	1 ·22	24
	Feb.						**April.**						**June.**				
9	Thur.	1	10 ·80	18 ·14	23	8	Sun.	1	10 ·60	23 ·53	23	7	Fri.	1	12 ·56	2 ·30	25
10	Fri.	2	11 ·70	19 ·07	24	9	Mon.	2	11 ·55	24 ·51	24	8	Sat.	2	13 ·62	3 ·38	26
11	Sat.	3	12 ·60	20 ·01 / 21 ·95	25	10	Tues.	3	12 ·51	25 ·50	25	9	Sun.	3	14 ·69	4 ·47	27
12	Sun.	4	13 ·52	22 ·91	26	11	Wed.	4	13 ·49	26 ·51	26	10	Mon.	4	A ·77	5 ·58	28
13	Mon.	5	14 ·46	23 ·88	27	12	Thur.	5	14 ·49	27 ·55	27	11	Tues.	5	1 ·85	6 ·69	−29
14	Tues.	6	A ·40	24 ·86	28	13	Fri.	6	A ·51	1 ·61	28	12	Wed.	6	2 ·93	7 ·80	1
15	Wed.	7	1 ·37	25 ·86	−29	14	Sat.	7	1 ·56	2 ·68	−29	13	Thur.	7	3 ·99	8 ·89	2
16	Thur.	8	2 ·35	26 ·88	1	15	Sun.	8	2 ·62	3 ·77	1	14	Fri.	8	... ...	9 ·96	3
17	Fri.	9	3 ·36	27 ·93	2	16	Mon.	9	3 ·70	4 ·88	2	15	Sat.	9	4 ·04	... ...	4
18	Sat.	10	4 ·39	1 ·99	3	17	Tues.	10	4 ·78	5 ·98	3	16	Sun.	10	5 ·08	10 ·02	5
19	Sun.	11	5 ·44	... ..	4	18	Wed.	11	5 ·87	... .	4	17	Mon.	11	6 ·08	11 ·06	6
20	Mon.	12	6 ·50	2 ·07	5	19	Thur.	12	6 ·94	6 ·08	5	18	Tues.	12	7 ·07	12 ·08	7
21	Tues.	13	7 ·57	3 ·17	6	20	Fri.	13	... ...	7 ·18	6	19	Wed.	13	8 ·04 / 9 ·99	13 ·08	8
22	Wed.	14	8 ·66	4 ·27	7	21	Sat.	14	7 ·01	8 ·27	7	20	Thur.	14	10 ·92	14 ·05	9
23	Thur.	15	9 ·75	5 ·39	8	22	Sun.	15	8 ·06	9 ·35	8	21	Fri.	15	11 ·83	15 ·02 / 16 ·97	10
24	Fri.	16	10 ·88	6 ·49	9	23	Mon.	16	9 ·09	10 ·40	9	22	Sat.	16	12 ·74	17 ·91	11
25	Sat.	17	11 ·90	7 ·58	10	24	Tues.	17	10 ·11	11 ·42	10	23	Sun.	17	13 ·64	18 ·85	12
26	Sun.	18	12 ·96	8 ·66	11	25	Wed.	18	11 ·09	12 ·43	11	24	Mon.	18	14 ·54	19 ·78	13
27	Mon.	19	13 ·99	9 ·72	12	26	Thur.	19	12 ·06	13 ·41	12	25	Tues.	19	P ·44	20 ·70	14
28	Tues.	20	... ...	10 ·76	13	27	Fri.	20	13 ·01 / 14 ·94	14 ·39	13	26	Wed.	20	1 ·34	21 ·64	15
29	Wed.	21	14 ·00 / P ·99	11 ·78	14	28	Sat.	21	P ·86	15 ·35	14	27	Thur.	21	2 ·24	22 ·59	16
−30	Thur.	22	1 ·96	12 ·78	15	29	Sun.	22	1 ·77	16 ·29	15	28	Fri.	22	3 ·15	23 ·54	17
1	Fri.	23	2 ·91	13 ·76	16	30	Mon.	23	2 ·67	17 ·23	16	29	Sat.	23	4 ·08	24 ·50	18
2	Sat.	24	3 ·85	14 ·72	17	−31	Tues.	24	3 ·57	18 ·16	17	30	Sun.	24	5 ·02 / 6 ·99	25 ·48	19
3	Sun.	25	4 ·78	15 ·67	18	1	Wed.	25	4 ·47	19 ·10	18	31	Mon.	25	7 ·97	26 ·48	20
4	Mon.	26	5 ·69	16 ·62	19	2	Thur.	26	5 ·37	20 ·03 / 21 ·96	19	−32	Tues.	26	8 ·97	27 ·50	21
5	Tues.	27	6 ·59	17 ·55	20	3	Fri.	27	6 ·28	22 ·91	20	1	Wed.	27	9 ·99	1 ·54	22
6	Wed.	28	7 ·49	18 ·48	21	4	Sat.	28	7 ·19	23 ·86	21	2	Thur.	28	... ...	2 ·60	23
						5	Sun.	29	8 ·11	24 ·84	22	3	Fri.	29	10 ·03	3 ·68	24
						6	Mon.	30	9 ·06	25 ·83	23	4	Sat.	30	11 ·09	4 ·77	25

Saumya. **Makara—Tai.** *Śukla.* *Bahula.* **Māgha.** *Śukla.* *Bahula.* **Phālguna.** *Śukla.* *Bahula.*

Saumya. **Kumbha—Māśi.** *Śukla.* *Bahula.* **Phālguna.** *Śukla.* *Bahula.*

Sādhārana. **Mēsha—Chittirai.** *Śukla.* *Bahula.* **Vaiśākha.** *Śukla.* *Bahula.*

Sādhārana. **Vrishabha—Vaigāśi.** *Śukla.* *Bahula.* **Jyeshṭha.** *Śukla.* *Bahula.* **Āshādha.** *Śukla.* *Bahula.*

Sādhārana. **Mithuna—Āni.** *Śukla.* *Bahula.* **Āshādha.** *Śukla.* *Bahula.*

H. 586 *Muharram.* *H.* 586 *Safar.* *H.* 586 *Rabi-ul akhir.* *H.* 586 *Rabi-ul awwal.* *H.* 586 *Jamāda'l awwal.*

Naksh[illegible] 1. Asv. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. H. Phal. 14. Chad. 15. Swā. 16. Vis. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Shad. 21. U. Shad. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1190. **Kollam 366,** Commences {**N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 586.** Commences **Feb. 8.** **Vikrama 1247.** **Bengal San. 596.** **(N. Cycle) Ānanda.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
5	Sun.	1	12 ·16	5 ·88	26	5	Sat.	1	—**A** ·59	11 ·01	29	5	Thur.	1	2 ·46	18 ·55	1
6	Mon.	2	13 ·25	6 ·99	27	6	Sun.	2	1 ·57	12 ·04	—30	6	Fri.	2	3 ·36	19 ·48	2
7	Tues.	3	14 ·33	... ...	28	7	Mon.	3	2 ·54	13 ·05	1	7	Sat.	3	4 ·26	20 ·41	3
8	Wed.●	4	—**A** ·41	7 ·10	29	8	Tues.	4	3 ·49	14 ·04	2	8	Sun.	4	5 ·16	21 ·34	4
9	Thur.	5	1 ·47	8 ·19	—30					15 ·02 }					6 ·06 }		
10	Fri.	6	2 ·53	9 ·27	1	9	Wed.	5	4 ·43	16 ·98 }	3	9	Mon.	5	7 ·97	22 ·27	5
11	Sat.	7	3 ·55	10 ·33	2	10	Thur.	6	5 ·35	17 ·92	4	10	Tues.	6	8 ·89	23 ·22	6
12	Sun.	8	4 ·56	11 ·38	3	11	Fri.	7	6 ·26	18 ·86	5	11	Wed.	7	9 ·83	24 ·17	7
13	Mon.	9	5 ·55	12 ·40	4	12	Sat.	8	7 ·17	19 ·79	6	12	Thur.	8	10 ·78	25 ·13	8
14	Tues.	10	6 ·52	13 ·40	5	13	Sun.	9	8 ·07 }	20 ·73	7	13	Fri.	9	11 ·75	26 ·10	9
15	Wed.	11	7 ·47	14 ·38	6				9 ·97			14	Sat.	10	12 ·73	27 ·10	10
16	Thur.	12	8 ·40	15 ·35	7	14	Mon.	10	10 ·87	21 ·66	8	15	Sun.	11	13 ·74	1 ·11	11
17	Fri.	13	9 ·32	16 ·30	8	15	Tues.	11	11 ·78	22 ·60	9	16	Mon.	12	14 ·77	2 ·16	12
18	Sat.	14	10 ·22	17 ·25	9	16	Wed.	12	12 ·69	23 ·54	10	17	Tues.	13	**P** ·82	3 ·21	13
19	Sun.	15	11 ·12	18 ·18	10	17	Thur.	13	13 ·62	24 ·49	11	18	Wed.	14	1 ·88	4 ·29	14
20	Mon.	16	12 ·02 }	19 ·11	11	18	Fri.	14	14 ·57	25 ·47	12	19	Thur.	15	2 ·96	5 ·38	15
			13 ·92 }			19	Sat.	15	**P** ·53	26 ·45	13	20	Fri.	16	... ...	6 ·48	16
				20 ·04 }		20	Sun.	16	1 ·52	27 ·46	14	21	Sat.	17	3 ·06	7 ·60	17
21	Tues.	17	14 ·82	21 ·98 }	12	21	Mon.	17	2 ·52	1 ·48	15	22	Sun.	18	4 ·14	8 ·70	18
22	Wed.○	18	**P** ·72	22 ·92	13	22	Tues.	18	3 ·55	2 ·53	16	23	Mon.	19	5 ·22	9 ·80	19
23	Thur.	19	1 ·64	23 ·87	14	23	Wed.	19	4 ·59	3 ·60	17	24	Tues.	20	6 ·29	10 ·88	20
24	Fri.	20	2 ·57	24 ·83	15	24	Thur.	20	5 ·65	4 ·68	18	25	Wed.	21	7 ·35	11 ·94	21
25	Sat.	21	3 ·51	25 ·81	16	25	Fri.	21	6 ·73	5 ·78	19	26	Thur.	22	8 ·38	... ...	22
26	Sun.	22	4 ·47	26 ·80	17	26	Sat.	22	7 ·82	6 ·89	20	27	Fri.	23	9 ·39	12 ·00	23
27	Mon.	23	5 ·45	27 ·82	18	27	Sun.	23	8 ·91	7 ·99	21	28	Sat.	24	10 ·39	13 ·02	24
28	Tues.	24	6 ·46	1 ·86	19	28	Mon.	24	9 ·99	... ...	22	—29	Sun.	25	11 ·36	14 ·03	25
29	Wed.	25	7 ·48	2 ·91	20	29	Tues.	25	... ...	8 ·09	23					15 ·01 }	
30	Thur.	26	8 ·52	3 ·95	21	30	Wed.	26	10 ·06	9 ·19	24	1	Mon.	26	12 ·31	16 ·98 }	26
—31	Fri.	27	9 ·58	... ...	22	—31	Thur.	27	11 ·11	10 ·27	25	2	Tues.	27	13 ·25	17 ·94	27
1	Sat.	28	10 ·66	4 ·07	23	1	Fri.	28	12 ·15	11 ·32	26	3	Wed.	28	14 ·17	18 ·88	28
2	Sun.	29	11 ·74	5 ·18	24	2	Sat.	29	13 ·16	12 ·36	27	4	Thur.	29	—**A** ·09	19 ·82	—29
3	Mon.	30	12 ·83	6 ·29	25	3	Sun.	30	14 ·14	13 ·37	28				1 ·00 }		
4	Tues.	31	13 ·91	7 ·40	26							5	Fri.	30	2 ·90	20 ·75	1
		Aug.						**Oct.**						**Dec.**			
5	Wed.	1	14 ·97	8 ·49	27	4	Mon.	1	—**A** ·12	14 ·38	—29	6	Sat.	1	3 ·80	21 ·68	2
6	Thur.	2	... ...	9 ·58	28	5	Tues.	2	1 ·07	15 ·35	1	7	Sun.	2	4 ·70	22 ·62	3
7	Fri.	3	—**A** ·02	10 ·65	—29				2 ·00 }			8	Mon.	3	5 ·61	23 ·55	4
8	Sat.	4	1 ·05	11 ·70	1	6	Wed.	3	3 ·93	16 ·31	2	9	Tues.	4	6 ·54	24 ·50	5
9	Sun.	5	2 ·07	12 ·72	2	7	Thur.	4	4 ·85	17 ·26	3	10	Wed.	5	7 ·47	25 ·46	6
10	Mon.	6	3 ·05	13 ·73	3	8	Fri.	5	5 ·75	18 ·20	4	11	Thur.	6	8 ·42	26 ·43	7
			4 ·01 }			9	Sat.	6	6 ·65	19 ·14	5	12	Fri.	7	9 ·39	27 ·42	8
11	Tues.	7	5 ·97 }	14 ·71	4	10	Sun.	7	7 ·55	20 ·07	6	13	Sat.	8	10 ·37	1 ·44	9
										21 ·00 }		14	Sun.	9	11 ·38	2 ·47	10
12	Wed.	8	6 ·90	15 ·68	5	11	Mon.	8	8 ·45	22 ·93 }	7	15	Mon.	10	12 ·41	3 ·52	11
13	Thur.	9	7 ·82	16 ·63	6							16	Tues.	11	13 ·46	4 ·59	12
14	Fri.	10	8 ·73	17 ·59	7	12	Tues.	9	9 ·36	23 ·87	8	17	Wed.	12	14 ·53	5 ·68	13
15	Sat.	11	9 ·63	18 ·52	8	13	Wed.	10	10 ·28	24 ·83	9	18	Thur.	13	**P** ·61	6 ·79	14
16	Sun.	12	10 ·53	19 ·45	9	14	Thur.	11	11 ·21	25 ·80	10	19	Fri.	14	1 ·70	7 ·90	15
17	Mon.	13	11 ·43	20 ·38	10	15	Fri.	12	12 ·16	26 ·78	11	20	Sat.	15	2 ·78	... ...	16
18	Tues.	14	12 ·33	21 ·31	11	16	Sat.	13	13 ·12	27 ·78	12	21	Sun.	16	3 ·86	8 ·00	17
19	Wed.	15	13 ·23	22 ·26	12	17	Sun.	14	14 ·11	1 ·80	13	22	Mon.	17	4 ·93	9 ·10	18
20	Thur.	16	14 ·15	23 ·20	13	18	Mon.	15	**P** ·11	2 ·85	14	23	Tues.	18	5 ·99	10 ·19	19
21	Fri.	17	**P** ·08	24 ·16	14	19	Tues.	16	1 ·14	3 ·91	15	24	Wed.	19	... ..	11 ·26	20
			1 ·03 }			20	Wed.	17	2 ·18	4 ·99	16	25	Thur.	20	6 ·03	12 ·31	21
22	Sat.	18	2 ·99 }	25 ·13	15	21	Thur.	18	3 ·25	... ...	17	26	Fri.	21	7 ·05	13 ·34	22
23	Sun.	19	3 ·97	26 ·13	16	22	Fri.	19	4 ·33	5 ·08	18	27	Sat.	22	8 ·03	14 ·35	23
24	Mon.	20	4 ·97	27 ·14	17	23	Sat.	20	5 ·43	6 ·18	19				9 ·00 }		
25	Tues.	21	5 ·99	1 ·17	18	24	Sun.	21	6 ·51	7 ·29	20	28	Sun.	23	10 ·95 }	15 ·34	24
26	Wed.	22	... ...	2 ·22	19	25	Mon.	22	7 ·59	8 ·40	21						
27	Thur.	23	6 ·04	3 ·29	20	26	Tues.	23	8 ·66	9 ·50	22	29	Mon.	24	11 ·89	16 ·31	25
28	Fri.	24	7 ·10	4 ·38	21	27	Wed.	24	9 ·71	10 ·58	23	—30	Tues.	25	12 ·82	17 ·27	26
29	Sat.	25	8 ·18	5 ·48	22	28	Thur.	25	10 ·75	11 ·63	24	1	Wed.	26	13 ·74	18 ·22	27
30	Sun.	26	9 ·26	6 ·59	23	29	Fri.	26	11 ·76	12 ·67	25	2	Thur.	27	14 ·64	19 ·15	28
—31	Mon.	27	10 ·35	7 ·69	24	—30	Sat.	27	12 ·75	13 ·70	26	3	Fri.	28	—**A** ·54	20 ·09	29
1	Tues.	28	11 ·43	8 ·79	25	1	Sun.	28	13 ·72	14 ·70	27					21 ·01 }	
2	Wed.	29	12 ·50	9 ·89	26	2	Mon.	29	14 ·67	15 ·68	28	4	Sat.	29	1 ·44	22 ·95 }	—30
3	Thur.	30	13 ·55	10 ·96	27	3	Tues.	30	—**A** ·61	16 ·64	29	5	Sun.	30	2 ·35	23 ·89	1
4	Fri.	31	14 ·58	... ...	28	4	Wed.	31	1 ·54	17 ·60	—30	6	Mon.	31	3 ·28	24 ·83	2

Sādhāraṇa. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 586 *Jamāda'l ākhir.*

Sādhāraṇa. **Siṅha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 586 *Rajab.*

Sādhāraṇa. **Kanyā—Puraṭṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 586 *Śha'bān.*

Sādhāraṇa. **Tulā—Aippasi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 586 *Ramażān.*

Sādhāraṇa. **Vṛśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 586 *Shawwāl.*

Sādhāraṇa. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H.* 586 *Zī-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1191. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 25·16.** **Śaka 1113.** **Kaliyuga 4292.**
Lunar Eclipse. ○ **(Arya Sid.) March 25·11.** **(S. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
7	Tues.	1	4 ·18	25 ·79	3	7	Fri.	1	4 ·24	2 ·41	2	7	Wed.	1	6 ·61	8 ·50	4
8	Wed.	2	5 ·12	26 ·76	4	8	Sat	2	5 ·25	3 ·46	3	8	Thur.	2	7 ·70	9 ·61	5
9	Thur.	3	6 ·07	27 ·75	5	9	Sun.	3	6 ·28	4 ·52	4	9	Fri.	3	8 ·78	10 ·71	6
10	Fri.	4	7 ·03	1 ·76	6	10	Mon.	4	7 ·33	5 ·59	5	10	Sat.	4	9 ·84	11 ·79	7
11	Sat.	5	8 ·01	2 ·78	7	11	Tues.	5	8 ·40	6 ·69	6	11	Sun.	5	10 ·89	12 ·88	8
12	Sun.	6	9 ·03	3 ·83	8	12	Wed.	6	9 ·47	7 ·79	7	12	Mon.	6	11 ·92	13 ·98	9
13	Mon.	7	10 ·05	4 ·90	9	13	Thur.	7	10 ·55	8 ·90	8	13	Tues.	7	12 ·92	14 ·96	10
14	Tues.	8	11 ·10	5 ·99	10	14	Fri.	8	11 ·64	... ...	9	14	Wed.	8	13 ·91	15 ·97	11
15	Wed.	9	12 ·17	... ...	11	15	Sat.	9	12 ·72	9 ·01	10	15	Thur.	9	14 ·88	16 ·96	12
16	Thur.	10	13 ·25	6 ·09	12	16	Sun.	10	13 ·79	10 ·10	11	16	Fri.	10	P ·83	17 ·94	13
17	Fri.	11	14 ·34	7 ·19	13	17	Mon.	11	14 ·84	11 ·19	12	17	Sat.	11	1 ·76	18 ·90	14
18	Sat. ○	12	P ·43	8 ·30	14	18	Tues.	12	P ·87	12 ·25	13	18	Sun.	12	2 ·68	19 ·85	15
19	Sun.	13	1 ·51	9 ·40	15	19	Wed.	13	1 ·88	13 ·29	14	19	Mon.	13	3 ·58	20 ·79	16
20	Mon.	14	2 ·58	10 ·50	16	20	Thur.	14	2 ·87	14 ·32	15	20	Tues.	14	4 ·48	21 ·72	17
21	Tues.	15	3 ·63	11 ·57	17	21	Fri.	15	3 ·84	15 ·32	16	21	Wed.	15	5 ·38	22 ·65	18
22	Wed.	16	4 ·67	12 ·63	18	22	Sat.	16	4 ·79	16 ·31	17	22	Thur.	16	6 ·28	23 ·59	19
23	Thur.	17	5 ·69	13 ·66	19	23	Sun.	17	5 ·72	17 ·27	18	23	Fri.	17	7 ·18	24 ·52	20
24	Fri.	18	6 ·67	14 ·67	20	24	Mon.	18	6 ·64	18 ·22	19	24	Sat.	18	8 ·08	25 ·46	21
25	Sat.	19	7 ·64	15 ·66	21	25	Tues.	19	7 ·55	19 ·18	20				9 ·00		
26	Sun.	20	8 ·59	16 ·65	22	26	Wed.	20	8 ·45	20 ·11	21	25	Sun.	19	10 ·98	26 ·42	22
27	Mon.	21	9 ·53	17 ·61	23					21 ·04		26	Mon.	20	11 ·87	27 ·38	23
28	Tues.	22	10 ·46	18 ·55	24	27	Thur.	21	9 ·35	22 ·97	22	27	Tues.	21	12 ·83	1 ·38	24
29	Wed.	23	11 ·37	19 ·49	25	28	Fri.	22	10 ·25	23 ·90	23	28	Wed.	22	13 ·81	2 ·38	25
1	Thur.	24	12 ·27	20 ·42	26	29	Sat.	23	11 ·15	24 ·85	24	29	Thur.	23	14 ·82	3 ·40	26
2	Fri.	25	13 ·17	21 ·36	27				12 ·06			30	Fri.	24	A ·84	4 ·45	27
			14 ·07			30	Sun.	24	13 ·98	25 ·79	25	31	Sat.	25	1 ·89	5 ·51	28
3	Sat.	26	A ·97	22 ·29	28	1	Mon.	25	14 ·91	26 ·75	26	1	Sun.	26	2 ·95	6 ·60	29
4	Sun.	27	1 ·89	23 ·23	29	2	Tues.	26	A ·85	27 ·73	27	2	Mon.	27	... ...	7 ·69	1
5	Mon.	28	2 ·81	24 ·17	30	3	Wed.	27	1 ·82	1 ·72	28	3	Tues.	28	3 ·02	8 ·80	2
6	Tues.	29	3 ·75	25 ·12	1	4	Thur.	28	2 ·80	2 ·73	29	4	Wed.	29	4 ·10	9 ·91	3
7	Wed.	30	4 ·70	26 ·10	2	5	Fri.	29	3 ·80	3 ·77	1	5	Thur.	30	5 ·18	... ...	4
8	Thur.	31	5 ·66	27 ·08	3	6	Sat.	30	4 ·83	4 ·83	2	6	Fri.	31	6 ·26	10 ·01	5
	Feb.					7	Sun.	31	5 ·88	5 ·90	3		**June.**				
9	Fri.	1	6 ·65	1 ·08	4		**April.**					7	Sat.	1	7 ·33	11 ·11	6
10	Sat.	2	7 ·65	2 ·10	5	8	Mon.	1	6 ·95	6 ·99	4	8	Sun.	2	8 ·38	12 ·18	7
11	Sun.	3	8 ·68	3 ·14	6	9	Tues.	2	... ...	... ...	5	9	Mon.	3	9 ·40	13 ·24	8
12	Mon.	4	9 ·73	4 ·21	7	10	Wed.	3	7 ·02	7 ·09	6	10	Tues.	4	10 ·41	14 ·28	9
13	Tues.	5	10 ·79	5 ·29	8	11	Thur.	4	8 ·10	8 ·20	7	11	Wed.	5	11 ·39	15 ·29	10
14	Wed.	6	11 ·87	6 ·39	9	12	Fri.	5	9 ·19	9 ·31	8	12	Thur.	6	12 ·36	16 ·29	11
15	Thur.	7	12 ·96	7 ·49	10	13	Sat.	6	10 ·27	10 ·41	9	13	Fri. ○	7	13 ·30	17 ·27	12
16	Fri.	8	... ...	8 ·60	11	14	Sun.	7	11 ·33	11 ·49	10	14	Sat.	8	14 ·24	18 ·24	13
17	Sat.	9	13 ·05	9 ·70	12	15	Mon.	8	12 ·38	12 ·56	11	15	Sun.	9	P ·16	19 ·18	14
18	Sun.	10	14 ·13	10 ·80	13	16	Tues.	9	13 ·41	13 ·61	12				1 ·06		
19	Mon.	11	P ·20	11 ·88	14	17	Wed.	10	14 ·42	14 ·64	13	16	Mon.	10	2 ·96	20 ·12	15
20	Tues.	12	1 ·25	12 ·94	15	18	Thur.	11	P ·41	15 ·65	14					21 ·06	
21	Wed.	13	2 ·28	13 ·98	16	19	Fri.	12	1 ·38	16 ·63	15	17	Tues.	11	3 ·86	22 ·99	16
22	Thur.	14	3 ·30	14 ·99	17	20	Sat.	13	2 ·32	17 ·60	16	18	Wed.	12	4 ·76	23 ·92	17
23	Fri.	15	4 ·28	... ...	18	21	Sun.	14	3 ·25	18 ·57	17	19	Thur.	13	5 ·66	24 ·86	18
				15 ·00		22	Mon.	15	4 ·17	19 ·51	18	20	Fri.	14	6 ·56	25 ·80	19
24	Sat.	16	5 ·25	16 ·98	19	23	Tues.	16	5 ·08	20 ·45	19	21	Sat.	15	7 ·48	26 ·75	20
25	Sun.	17	6 ·20	17 ·94	20				6 ·98			22	Sun.	16	8 ·41	27 ·72	21
26	Mon.	18	7 ·14	18 ·85	21	24	Wed.	17	7 ·88	21 ·38	20	23	Mon.	17	9 ·35	1 ·70	22
			8 ·07			25	Thur.	18	8 ·78	22 ·31	21	24	Tues.	18	10 ·21	2 ·70	23
27	Tues.	19	9 ·98	19 ·83	22	26	Fri.	19	9 ·68	23 ·24	22	25	Wed.	19	11 ·30	3 ·72	24
28	Wed.	20	10 ·88	20 ·77	23	27	Sat.	20	10 ·59	24 ·18	23	26	Thur.	20	12 ·29	4 ·75	25
29	Thur.	21	11 ·78	21 ·70	24	28	Sun.	21	11 ·50	25 ·13	24	27	Fri.	21	13 ·31	5 ·82	26
30	Fri.	22	12 ·68	22 ·63	25	29	Mon.	22	12 ·43	26 ·08	25	28	Sat.	22	14 ·36	6 ·90	27
1	Sat.	23	13 ·59	23 ·56	26	30	Tues.	23	13 ·37	27 ·05	26	29	Sun. ●	23	A ·42	7 ·99	28
2	Sun.	24	14 ·50	24 ·50	27	31	Wed.	24	14 ·34	1 ·04	27	30	Mon.	24	1 ·50	... ...	29
3	Mon.	25	A ·42	25 ·46	28	1	Thur.	25	A ·32	2 ·06	28	31	Tues.	25	2 ·58	8 ·10	30
4	Tues.	26	1 ·35	26 ·42	29	2	Fri.	26	1 ·33	3 ·09	29	32	Wed.	26	3 ·67	9 ·20	1
5	Wed.	27	2 ·29	27 ·40	30	3	Sat.	27	2 ·35	4 ·13	30	1	Thur.	27	4 ·74	10 ·32	2
6	Thur.	28	3 ·25	1 ·40	1	4	Sun.	28	3 ·40	5 ·20	1	2	Fri.	28	5 ·81	11 ·41	3
						5	Mon.	29	4 ·46	6 ·29	2	3	Sat.	29	6 ·86	13 ·49	4
						6	Tues.	30	5 ·53	7 ·39	3	4	Sun.	30	7 ·88	13 ·55	5

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1191. **Kollam 367,** { **N. Malabar—Aug.** **Hijra 587.** **Vikrama 1248.**
A—Amāvāsyā. Commences { **S. Malabar—July** Commences **Jan. 29.** **Bengal San. 597.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Mon.	1	8 ·90	14 ·59	6	4	Sun.	1	11 ·46	21 ·08	9	5	Fri.	1	13 ·12	1 ·35	11
6	Tues.	2	9 ·88	15 ·61	7					22 ·01		6	Sat.	2	14 ·07	2 ·31	12
7	Wed.	3	10 ·85	16 ·62	8	5	Mon.	2	12 ·36	23 ·94	10	7	Sun.	3	P ·03	3 ·32	13
8	Thur.	4	11 ·79	17 ·60	9	6	Tues.	3	13 ·26	24 ·88	11	8	Mon.	4	1 ·02	4 ·33	14
9	Fri.	5	12 ·72	18 ·57	10	7	Wed.	4	14 ·16	25 ·81	12	9	Tues.	5	2 ·03	5 ·37	15
10	Sat.	6	13 ·64	19 ·52	11				P ·07			10	Wed.	6	3 ·06	6 ·48	16
11	Sun.	7	14 ·54	20 ·46	12	8	Thur.	5	1 ·99	26 ·76	13	11	Thur.	7	4 ·11	7 ·51	17
12	Mon ○	8	P ·44	21 ·40	13	9	Fri.	6	2 ·92	27 ·71	14	12	Fri.	8	5 ·18	8 ·60	18
13	Tues.	9	1 ·34	22 ·33	14	10	Sat.	7	3 ·87	1 ·68	15	13	Sat.	9	6 ·26	9 ·71	19
14	Wed.	10	2 ·24	23 ·26	15	11	Sun.	8	4 ·84	2 ·66	16	14	Sun.	10	7 ·35	10 ·82	20
15	Thur.	11	3 ·14	24 ·19	16	12	Mon.	9	5 ·82	3 ·68	17	15	Mon.	11	8 ·44	11 ·92	21
			4 ·04			13	Tues.	10	6 ·83	4 ·70	18	16	Tues.	12	9 ·51	... ...	22
16	Fri.	12	5 ·96	25 ·13	17	14	Wed.	11	7 ·86	5 ·75	19	17	Wed.	13	10 ·58	12 ·02	23
17	Sat.	13	6 ·89	26 ·09	18	15	Thur.	12	8 ·91	6 ·81	20	18	Thur.	14	11 ·63	13 ·10	24
18	Sun.	14	7 ·83	27 ·05	19	16	Fri.	13	9 ·97	7 ·90	21	19	Fri.	15	12 ·66	14 ·16	25
19	Mon.	15	8 ·79	1 ·03	20	17	Sat.	14	... ...	... ...	22	20	Sat.	16	13 ·68	15 ·21	26
20	Tues.	16	9 ·78	2 ·02	21	18	Sun.	15	10 ·04	8 ·00	23	21	Sun.	17	14 ·67	16 ·24	27
21	Wed.	17	10 ·77	3 ·03	22	19	Mon.	16	11 ·13	9 ·11	24	22	Mon.	18	—A ·64	17 ·24	28
22	Thur.	18	11 ·80	4 ·08	23	20	Tues.	17	12 ·22	10 ·21	25	23	Tues.	19	1 ·59	18 ·22	—29
23	Fri.	19	12 ·85	5 ·13	24	21	Wed.	18	13 ·30	11 ·31	26	24	Wed.	20	2 ·53	19 ·20	1
24	Sat.	20	13 ·91	6 ·20	25	22	Thur.	19	14 ·37	12 ·40	27	25	Thur.	21	3 ·45	20 ·15	2
25	Sun.	21	14 ·98	7 ·29	26	23	Fri.	20	—A ·42	13 ·49	28	26	Fri.	22	4 ·36	21 ·09	3
26	Mon.	22	... ...	8 ·39	27	24	Sat.	21	1 ·44	14 ·54	—29	27	Sat.	23	5 ·27	22 ·04	4
27	Tues.	23	—A ·06	9 ·50	28	25	Sun.	22	2 ·46	15 ·58	1					23 ·97	
28	Wed.	24	1 ·15	10 ·62	—29	26	Mon.	23	3 ·45	16 ·59	2	28	Sun.	24	6 ·18	24 ·90	5
29	Thur.	25	2 ·23	11 ·71	1	27	Tues.	24	4 ·42	17 ·58	3	29	Mon.	25	7 ·08	25 ·83	6
30	Fri.	26	3 ·30	12 ·80	2	28	Wed.	25	5 ·37	18 ·57	4				8 ·98		
31	Sat.	27	4 ·34	13 ·86	3	29	Thur.	26	6 ·30	19 ·53	5	1	Tues.	26	9 ·90	26 ·76	7
—32	Sun.	28	5 ·37	14 ·91	4	—30	Fri.	27	7 ·22	20 ·48	6	2	Wed.	27	10 ·82	27 ·71	8
1	Mon.	29	6 ·38	15 ·94	5	1	Sat.	28	8 ·13	21 ·42	7	3	Thur.	28	11 ·75	1 ·68	9
2	Tues.	30	7 ·36	16 ·95	6				9 ·03			4	Fri.	29	12 ·71	2 ·65	10
3	Wed.	31	8 ·33	17 ·93	7	2	Sun.	29	10 ·93	22 ·35	8	5	Sat.	30	13 ·67	3 ·64	11
						3	Mon.	30	11 ·83	2 3 ·2	9						
	Aug.						**Oct.**						**Dec.**				
4	Thur.	1	9 ·28	18 ·90	8	4	Tues.	1	12 ·74	24 ·22	10	6	Sun.	1	14 ·66	4 ·65	12
5	Fri.	2	10 ·21	19 ·85	9	5	Wed.	2	13 ·65	25 ·15	11	7	Mon.	2	P ·66	5 ·69	13
6	Sat.	3	11 ·13	20 ·80	10	6	Thur.	3	14 ·57	26 ·09	12	8	Tues.	3	1 ·70	6 ·74	14
			12 ·03			7	Fri.	4	P ·50	27 ·04	13	9	Wed.	4	2 ·75	7 ·81	15
7	Sun.	4	13 ·93	21 ·74	11	8	Sat.	5	1 ·45	1 ·01	14	10	Thur.	5	3 ·82	8 ·90	16
8	Mon.	5	14 ·83	22 ·67	12	9	Sun.	6	2 ·42	2 ·00	15	11	Fri.	6	4 ·90	... ...	17
9	Tues.	6	P ·73	23 ·60	13	10	Mon.	7	3 ·40	3 ·00	16	12	Sat.	7	5 ·99	9 ·00	18
10	Wed.	7	1 ·63	24 ·53	14	11	Tues.	8	4 ·41	4 ·02	17	13	Sun.	8	... ..	10 ·11	19
11	Thur.	8	2 ·54	25 ·48	15	12	Wed.	9	5 ·44	5 ·06	18	14	Mon.	9	6 ·08	11 ·22	20
12	Fri.	9	3 ·46	26 ·43	16	13	Thur.	10	6 ·49	6 ·12	19	15	Tues.	10	7 ·16	12 ·32	21
13	Sat.	10	4 ·39	27 ·38	17	14	Fri.	11	7 ·56	7 ·21	20	16	Wed.	11	8 ·23	13 ·41	22
14	Sun.	11	5 ·34	1 ·35	18	15	Sat.	12	8 ·64	8 ·30	21	17	Thur.	12	9 ·28	14 ·47	23
15	Mon.	12	6 ·30	2 ·34	19	16	Sun.	13	9 ·73	9 ·40	22	18	Fri.	13	10 ·32	15 ·52	24
16	Tues.	13	7 ·28	3 ·36	20	17	Mon.	14	10 ·81	10 ·51	23	19	Sat.	14	11 ·33	16 ·56	25
17	Wed.	14	8 ·28	4 ·39	21	18	Tues.	15	11 ·89	11 ·62	24	20	Sun.	15	12 ·31	17 ·57	26
18	Thur.	15	9 ·31	5 ·44	22	19	Wed.	16	12 ·96	12 ·72	25	21	Mon.	16	13 ·28	18 ·66	27
19	Fri.	16	10 ·36	6 ·51	23	20	Thur.	17	... ...	13 ·80	26	22	Tues.	17	14 ·24	19 ·53	28
20	Sat.	17	11 ·43	7 ·59	24	21	Fri.	18	13 ·01	14 ·85	27	23	Wed. ●	18	—A ·18	20 ·48	29
21	Sun.	18	12 ·50	8 ·69	25	22	Sat.	19	14 ·04	15 ·89	28	24	Thur.	19	1 ·10	21 ·44	—30
22	Mon.	19	13 ·59	9 ·81	26	23	Sun.	20	—A ·06	16 ·91	29				2 ·01		
23	Tues.	20	14 ·67	10 ·91	27	24	Mon.	21	1 ·04	17 ·92	—30	25	Fri.	20	3 ·91	22 ·37	1
24	Wed.	21	—A ·74	... ...	28	25	Tues.	22	2 ·01	18 ·90	1	26	Sat.	21	4 ·81	23 ·30	2
25	Thur.	22	1 ·81	11 ·01	29				3 ·96			27	Sun.	22	5 ·72	24 ·23	3
26	Fri.	23	2 ·86	12 ·10	—30	26	Wed.	23	4 ·90	19 ·86	2	28	Mon.	23	6 ·63	25 ·17	4
27	Sat.	24	3 ·89	13 ·17	1	27	Thur.	24	5 ·82	20 ·81	3	29	Tues.	24	7 ·54	26 ·11	5
28	Sun.	25	4 ·90	14 ·23	2	28	Fri.	25	6 ·73	21 ·75	4	—30	Wed.	25	8 ·46	27 ·05	6
29	Mon.	26	5 ·89	15 ·26	3	29	Sat.	26	7 ·64	22 ·68	5					1 ·01	
30	Tues.	27	6 ·86	16 ·27	4	—30	Sun.	27	8 ·54	23 ·63	6	1	Thur.	26	9 ·40	2 ·98	7
—31	Wed.	28	7 ·81	17 ·26	5	1	Mon.	28	9 ·44	24 ·56	7	2	Fri.	27	10 ·35	3 ·96	8
1	Thur.	29	8 ·74	18 ·23	6	2	Tues.	29	10 ·34	25 ·49	8	3	Sat.	28	11 ·31	4 ·98	9
2	Fri.	30	9 ·66	19 ·20	7	3	Wed.	30	11 ·25	26 ·43	9	4	Sun.	29	12 ·30	... ...	10
3	Sat.	31	10 ·56	20 ·14	8	4	Thur.	31	12 ·18	27 ·38	10	5	Mon.	30	13 ·31	5 ·00	11
												6	Tues.	31	14 ·35	6 ·05	12

Virodhakrit. **Karkataka—Ādi.** *H. 587 Jamādu'l-akhir.*

Virodhakrit. **Kanyā—Purattāsi.** *H. 587 Sha'bān.*

Virodhakrit. **Vṛiśchika—Kārttigai.** *H. 587 Shawwāl.*

Virodhakrit. **Simha—Āvani.** *H. 587 Rajab.*

Virodhakrit. **Tulā—Aippasi.** *H. 587 Ramazān.*

Virodhakrit. **Dhanus—Mārgali.** *H. 587 Zi-l-ka'da.*

Virodhakrit. **Kumbha—Māsi.** *H. 587 Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1192. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·42.** **Śaka 1114.** **Kaliyuga 4293.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·37.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
7	Wed.	1	**P** ·40	7 ·12	13	8	Sun.	1	... ...	12 ·22	14	8	Fri.	1	2 ·23	18 ·19	16
8	Thur.	2	1 ·47	8 ·20	14	9	Mon.	2	1 ·03	13 ·32	15	9	Sat	2	3 ·20	19 ·18	17
9	Fri.	3	2 ·55	9 ·30	15	10	Tues.	3	2 ·10	14 ·41	16	10	Sun.	3	4 ·15	20 ·15	18
10	Sat.	4	3 ·64	10 ·41	16	11	Wed.	4	3 ·15	15 ·47	17	11	Mon.	4	5 ·08	21 ·11	19
11	Sun.	5	4 ·72	11 ·52	17	12	Thur.	5	4 ·18	16 ·51	18				6 ·99		
12	Mon.	6	5 ·80	12 ·62	18	13	Fri.	6	5 ·19	17 ·53	19	12	Tues.	5	7 ·90	22 ·07	20
13	Tues.	7	6 ·87	13 ·71	19	14	Sat.	7	6 ·17	18 ·54	20	13	Wed.	6	8 ·80	23 ·01	21
14	Wed.	8	7 ·93	14 ·78	20	15	Sun.	8	7 ·14	19 ·53	21					24 ·94	
15	Thur.	9	8 ·97	15 ·85	21	16	Mon.	9	8 ·09	20 ·49	22	14	Thur.	7	9 ·69	25 ·87	22
16	Fri.	10	9 ·97	16 ·88	22	17	Tues.	10	9 ·02	21 ·44	23	15	Fri.	8	10 ·59	26 ·80	23
17	Sat.	11	10 ·95	17 ·89	23				10 ·94			16	Sat.	9	11 ·49	27 ·74	24
18	Sun.	12	11 ·92	18 ·88	24	18	Wed.	11	11 ·85	22 ·39	24	17	Sun.	10	12 ·40	1 ·68	25
19	Mon.	13	12 ·88	19 ·86	25	19	Thur.	12	12 ·75	23 ·33	25	18	Mon.	11	13 ·32	2 ·64	26
20	Tues.	14	13 ·82	20 ·83	26	20	Fri.	13	13 ·65	24 ·26	26	19	Tues.	12	14 ·25	3 ·60	27
21	Wed.	15	14 ·74	21 ·77	27	21	Sat.	14	14 ·55	25 ·19	27	20	Wed.	13	**A** ·20	4 ·59	28
22	Thur.	16	**A** ·65	22 ·71	28	22	Sun.	15	**A** ·45	26 ·12	28	21	Thur.	14	1 ·16	5 ·60	29
23	Fri.	17	1 ·56	23 ·64	29	23	Mon.	16	1 ·36	27 ·06	29	22	Fri.	15	2 ·14	6 ·62	1
24	Sat.	18	2 ·46	24 ·57	1					1 ·00		23	Sat.	16	3 ·14	7 ·66	2
25	Sun.	19	3 ·36	25 ·51	2	24	Tues.	17	2 ·28	2 ·97	1	24	Sun.	17	4 ·17	8 ·73	3
26	Mon.	20	4 ·26	26 ·45	3	25	Wed.	18	3 ·22	3 ·95	2	25	Mon.	18	5 ·22	9 ·81	4
27	Tues.	21	5 ·18	27 ·39	4	26	Thur.	19	4 ·17	4 ·94	3	26	Tues.	19	6 ·29	10 ·91	5
28	Wed.	22	6 ·10	1 ·34	5	27	Fri.	20	5 ·13	5 ·95	4	27	Wed.	20	7 ·36	... ...	6
—29	Thur.	23	7 ·08	2 ·30	6	28	Sat.	21	6 ·11	6 ·98	5	28	Thur.	21	8 ·44	11 ·02	7
			8 ·98			29	Sun.	22	7 ·12	... ...	6	29	Fri.	22	9 ·52	12 ·13	8
1	Fri.	24	9 ·95	3 ·30	7	—30	Mon.	23	8 ·14	7 ·05	7	30	Sat.	23	10 ·60	13 ·23	9
2	Sat.	25	10 ·94	4 ·30	8	1	Tues.	24	9 ·19	8 ·12	8	31	Sun.	24	11 ·67	14 ·32	10
3	Sun.	26	11 ·95	5 ·32	9	2	Wed.	25	10 ·25	9 ·21	9	—32	Mon.	25	12 ·71	15 ·39	11
4	Mon.	27	12 ·98	6 ·36	10	3	Thur.	26	11 ·33	10 ·31	10	1	Tues.	26	13 ·74	16 ·46	12
5	Tues.	28	... ...	7 ·42	11	4	Fri.	27	12 ·42	11 ·41	11	2	Wed.	27	14 ·74	17 ·50	13
6	Wed.	29	13 ·03	8 ·50	12	5	Sat.	28	13 ·51	12 ·53	12	3	Thur. ○	28	**P** ·72	18 ·51	14
7	Thur.	30	14 ·10	9 ·61	13	6	Sun.	29	14 ·58	13 ·63	13	4	Fri.	29	1 ·68	19 ·51	15
8	Fri.	31	**P** ·18	10 ·72	14	7	Mon.	30	**P** ·65	14 ·71	14	5	Sat.	30	2 ·63	20 ·48	16
						8	Tues.	31	1 ·70	15 ·78	15	6	Sun.	31	3 ·57	21 ·46	17
	Feb.						**April.**						**June.**				
9	Sat.	1	1 ·27	11 ·82	15	9	Wed.	1	2 ·73	16 ·83	16	7	Mon.	1	4 ·48	22 ·40	18
10	Sun.	2	2 ·35	12 ·92	16	10	Thur.	2	3 ·74	17 ·86	17	8	Tues.	2	5 ·38	23 ·34	19
11	Mon.	3	3 ·43	... ...	17	11	Fri.	3	4 ·72	18 ·87	18	9	Wed.	3	6 ·28	24 ·28	20
12	Tues.	4	4 ·50	13 ·01	18	12	Sat.	4	5 ·68	19 ·85	19	10	Thur.	4	7 ·18	25 ·20	21
13	Wed.	5	5 ·55	14 ·10	19	13	Sun.	5	6 ·63	20 ·82	20				8 ·07		
14	Thur.	6	6 ·58	15 ·16	20	14	Mon.	6	7 ·56	21 ·78	21	11	Fri.	5	9 ·97	26 ·14	22
15	Fri.	7	7 ·59	16 ·20	21	15	Tues.	7	8 ·48	22 ·72	22	12	Sat.	6	10 ·88	27 ·08	23
16	Sat.	8	8 ·58	17 ·21	22	16	Wed.	8	9 ·39	23 ·67	23					1 ·02	
17	Sun.	9	9 ·55	18 ·21	23	17	Thur.	9	10 ·29	24 ·60	24	13	Sun.	7	11 ·80	2 ·97	24
18	Mon.	10	10 ·50	19 ·20	24	18	Fri.	10	11 ·19	25 ·53	25	14	Mon.	8	12 ·73	3 ·93	25
19	Tues.	11	11 ·44	20 ·16	25	19	Sat.	11	12 ·09	26 ·46	26	15	Tues.	9	13 ·67	4 ·92	26
20	Wed.	12	12 ·36	21 ·11	26				13 ·99			16	Wed.	10	14 ·64	5 ·92	27
21	Thur.	13	13 ·27	22 ·05	27	20	Sun.	12	14 ·89	27 ·41	27	17	Thur.	11	**A** ·62	6 ·94	28
				23 ·98		21	Mon.	13	**A** ·81	1 ·35	28	18	Fri.	12	1 ·62	7 ·97	29
22	Fri.	14	14 ·17	24 ·92	28	22	Tues.	14	1 ·75	2 ·30	29	19	Sat.	13	2 ·65	... ...	—30
23	Sat.	15	**A** ·07	25 ·84	29	23	Wed.	15	2 ·70	3 ·27	—30	20	Sun.	14	3 ·70	8 ·03	1
			1 ·97			24	Thur.	16	3 ·66	4 ·26	1	21	Mon.	15	4 ·76	9 ·12	2
24	Sun.	16	2 ·87	26 ·78	—30	25	Fri.	17	4 ·64	5 ·27	2	22	Tues.	16	5 ·83	10 ·21	3
25	Mon.	17	3 ·78	27 ·72	1	26	Sat.	18	5 ·64	6 ·31	3	23	Wed.	17	6 ·92	11 ·32	4
26	Tues.	18	4 ·71	1 ·67	2	27	Sun.	19	6 ·68	7 ·35	4	24	Thur.	18	... ...	12 ·42	5
27	Wed.	19	5 ·64	2 ·63	3	28	Mon.	20	7 ·73	8 ·42	5	25	Fri.	19	7 ·00	13 ·53	6
28	Thur.	20	6 ·59	3 ·62	4	29	Tues.	21	8 ·79	9 ·51	6	26	Sat.	20	8 ·08	14 ·62	7
29	Fri.	21	7 ·56	4 ·62	5	30	Wed.	22	9 ·87	10 ·61	7	27	Sun.	21	9 ·14	15 ·71	8
—30	Sat.	22	8 ·54	5 ·63	6	—31	Thur.	23	10 ·95	11 ·72	8	28	Mon.	22	10 ·18	16 ·77	9
1	Sun.	23	9 ·55	6 ·67	7	1	Fri.	24	... ...	12 ·83	9	29	Tues.	23	11 ·21	17 ·81	10
2	Mon.	24	10 ·58	7 ·73	8	2	Sat.	25	11 ·03	13 ·93	10	30	Wed.	24	12 ·21	18 ·83	11
3	Tues.	25	11 ·63	8 ·82	9	3	Sun.	26	12 ·11	... ...	11	—31	Thur.	25	13 ·20	19 ·83	12
4	Wed.	26	12 ·69	9 ·91	10	4	Mon.	27	13 ·18	14 ·02	12	1	Fri.	26	14 ·16	20 ·82	13
5	Thur.	27	13 ·77		11	5	Tues.	28	14 ·22	15 ·09	13	2	Sat.	27	**P** ·11	21 ·79	14
6	Fri.	28	14 ·86	10 ·01	12	6	Wed.	29	**P** ·26	16 ·15	14	3	Sun.	28	1 ·03	22 ·74	15
7	Sat.	29	**P** ·95	11 ·12	13	7	Thur.	30	1 ·25	17 ·18	15				2 ·95		
												4	Mon.	29	3 ·86	23 ·68	16
												5	Tues.	30	4 ·76	24 ·61	17

Virodhakrit. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Sukla.* *H. 587 Zi-l-hijja.* *H. 588 Muharram.* *H. 588 Safar.*

Virodhakrit. **Kumbha—Māśi.** *Bahula.* **Chaitra.** *Sukla.* *H. 588 Rabi-ul awwal.*

Paridhāvin. **Mīna—Paṅguni.** *Bahula.* **Phal.** *Sukla.* **Vaiśākha.** *H. 588 Rabi-ul ākhir.*

Paridhāvin. **Mēsha—Chittirai.** *Bahula.* **Baisākha.** *Sukla.* *H. 588 Safar.*

Paridhāvin. **Vrishabha—Vaigāśi.** *Bahula.* **Jyeshtha.** *Sukla.* *H. 588 Rabi-ul ākhir.*

Paridhāvin. **Mithuna—Āni.** *Bahula.* **Āshādha.** *Sukla.* *H. 588 Jamādā'l awwal.*

H. 588 Jamādā'l ākhar.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vi. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Shād. 21. U. Shād. 22. Shrav. 23. Dhan. 24. Sat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1192. **Kollam 368,** { **N. Malabar—Aug.** **Hijra 588.** **Vikrama 1249.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Jan. 18.** **Bengal San. 598.**
P—Paurnimā. **(N. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Wed.	1		5 ·66	25 ·55	18	5	Tues.	1	8 ·14	6 ·89	21	6	Sun.	1	10 ·55	12 ·92	23
7	Thur.	2		6 ·56	26 ·48	19	6	Wed.	2	9 ·13	7 ·92	22	7	Mon.	2	11 ·65	... ...	24
8	Fri.	3		7 ·46	27 ·41	20	7	Thur.	3	10 ·14	8 ·97	23	8	Tues.	3	12 ·73	13 ·03	25
9	Sat.	4		8 ·36	1 ·35	21	8	Fri.	4	11 ·17	... ...	24	9	Wed.	4	13 ·80	14 ·13	26
10	Sun.	5		9 ·28	2 ·30	22	9	Sat.	5	12 ·22	9 ·03	25	10	Thur.	5	14 ·87	15 ·23	27
11	Mon.	6		10 ·21	3 ·27	23	10	Sun.	6	13 ·28	10 ·12	26	11	Fri.	6	—**A** ·92	16 ·32	28
12	Tues.	7		11 ·15	4 ·24	24	11	Mon.	7	14 ·36	11 ·22	27	12	Sat.	7	1 ·95	17 ·39	—29
13	Wed.	8		12 ·12	5 ·24	25	12	Tues.	8	—**A** ·44	12 ·33	28	13	Sun.	8	2 ·96	18 ·43	1
14	Thur.	9		13 ·10	6 ·25	26	13	Wed.	9	1 ·53	13 ·43	—29	14	Mon.	9	3 ·96	19 ·45	2
15	Fri.	10		14 ·11	7 ·29	27	14	Thur.	10	2 ·61	14 ·53	1	15	Tues.	10	4 ·93	20 ·45	3
16	Sat.	11		—**A** ·13	8 ·34	28	15	Fri.	11	3 ·68	15 ·62	2	16	Wed.	11	5 ·88	21 ·45	4
17	Sun.	12		1 ·18	9 ·42	—29	16	Sat.	12	4 ·72	16 ·70	3	17	Thur.	12	6 ·81	22 ·42	5
18	Mon.	13		2 ·25	10 ·51	1	17	Sun.	13	5 ·75	17 ·76	4	18	Fri.	13	7 ·73	23 ·37	6
19	Tues.	14		3 ·32	11 ·62	2	18	Mon.	14	6 ·76	18 ·80	5	19	Sat.	14	8 ·64	24 ·31	7
20	Wed.	15		4 ·40	12 ·73	3	19	Tues.	15	7 ·74	19 ·81	6	20	Sun.	15	9 ·55	25 ·25	8
21	Thur.	16		5 ·48	13 ·83	4	20	Wed.	16	8 ·71	20 ·80	7	21	Mon.	16	10 ·45	26 ·18	9
22	Fri.	17		6 ·56	14 ·93	5	21	Thur.	17	9 ·66	21 ·78	8	22	Tues.	17	11 ·35	27 ·11	10
23	Sat.	18		7 ·62	... ...	6	22	Fri.	18	10 ·59	22 ·74	9	23	Wed.	18	12 ·25	1 ·05	11
24	Sun.	19		8 ·67	15 ·02	7	23	Sat.	19	11 ·51	23 ·70	10					2 ·98	
25	Mon.	20		9 ·70	16 ·08	8	24	Sun.	20	12 ·42	24 ·68	11	24	Thur.	19	13 ·16	3 ·93	12
26	Tues.	21		10 ·70	17 ·13	9	25	Mon.	21	13 ·33	25 ·57	12	25	Fri.○	20	14 ·09	4 ·90	13
27	Wed.	22		11 ·68	18 ·15	10	26	Tues.	22	14 ·23	26 ·50	13	26	Sat.	21	**P** ·03	5 ·87	14
28	Thur.	23		12 ·65	19 ·17	11	27	Wed.	23	**P** ·13	27 ·43	14				1 ·98		
29	Fri.	24		13 ·60	20 ·15	12	28	Thur.	24	1 ·03	1 ·37	15	27	Sun.	22	2 ·95	6 ·86	15
30	Sat.	25		14 ·53	21 ·12	13				2 ·94			28	Mon.	23	3 ·94	7 ·87	16
31	Sun.	26		**P** ·45	22 ·07	14	29	Fri.	25	3 ·86	2 ·31	16	29	Tues.	24	4 ·96	8 ·90	17
—32	Mon.	27		1 ·35	23 ·02	15	—30	Sat.	26	4 ·79	3 ·26	17	—30	Wed.	25	5 ·99	9 ·96	18
					24 ·96		1	Sun.	27	5 ·74	4 ·23	18	1	Thur.	26	... ...	... ...	19
1	Tues.	28		2 ·25	25 ·89	16	2	Mon.	28	6 ·71	5 ·21	19	2	Fri.	27	6 ·04	10 ·03	20
2	Wed.	29		3 ·15	26 ·82	17	3	Tues.	29	7 ·70	6 ·22	20	3	Sat.	28	7 ·11	11 ·12	21
3	Thur.	30		4 ·05	27 ·75	18	4	Wed.	30	8 ·71	7 ·24	21	4	Sun.	29	8 ·19	12 ·22	22
				5 ·95									5	Mon.	30	9 ·28	13 ·33	23
4	Fri.	31		6 ·85	1 ·69	19												
	Aug.							**Oct.**						**Dec.**				
5	Sat.	1		7 ·77	2 ·63	20	5	Thur.	1	9 ·74	8 ·28	22	6	Tues.	1	10 ·37	14 ·44	24
6	Sun.	2		8 ·71	3 ·60	21	6	Fri.	2	10 ·79	9 ·34	23	7	Wed.	2	11 ·45	15 ·54	25
7	Mon.	3		9 ·66	4 ·57	22	7	Sat.	3	11 ·86	10 ·42	24	8	Thur.	3	12 ·52	16 ·63	26
8	Tues.	4		10 ·62	5 ·56	23	8	Sun.	4	12 ·94	11 ·52	25	9	Fri.	4	13 ·57	17 ·69	27
9	Wed.	5		11 ·59	6 ·57	24	9	Mon.	5	... ...	12 ·62	26	10	Sat.	5	14 ·60	18 ·74	28
10	Thur.	6		12 ·61	7 ·60	25	10	Tues.	6	13 ·02	13 ·73	27	11	Sun.	6	—**A** ·66	19 ·77	29
11	Fri.	7		13 ·64	8 ·66	26	11	Wed.	7	14 ·11	14 ·83	28	12	Mon.	7	1 ·59	20 ·78	—30
12	Sat.	8		14 ·69	9 ·73	27	12	Thur.	8	—**A** ·19	15 ·93	29	13	Tues.	8	2 ·56	21 ·78	1
13	Sun.	9		—**A** ·75	10 ·81	28	13	Fri.	9	1 ·26	... ...	—30	14	Wed.	9	3 ·51	22 ·75	2
14	Mon.	10		1 ·82	11 ·91	29	14	Sat.	10	2 ·31	16 ·02	1	15	Thur.	10	4 ·45	23 ·70	3
15	Tues.	11		2 ·90	... ...	—30	15	Sun.	11	3 ·34	17 ·08	2	16	Fri.	11	5 ·38	24 ·65	4
16	Wed.	12		3 ·99	12 ·02	1	16	Mon.	12	4 ·35	18 ·11	3	17	Sat.	12	6 ·29	25 ·59	5
17	Thur.	13		... ...	13 ·13	2	17	Tues.	13	5 ·33	19 ·13	4	18	Sun.	13	7 ·19	26 ·52	6
18	Fri.	14		4 ·07	14 ·23	3	18	Wed.	14	6 ·30	20 ·13	5	19	Mon.	14	8 ·09	27 ·45	7
19	Sat.	15		5 ·13	15 ·32	4	19	Thur.	15	7 ·25	21 ·11	6				9 ·99		
20	Sun.	16		6 ·18	16 ·39	5	20	Fri.	16	8 ·18	22 ·08	7	20	Tues.	15	10 ·90	1 ·38	8
21	Mon.	17		7 ·21	17 ·44	6	21	Sat.	17	9 ·10	23 ·03	8	21	Wed.	16	11 ·82	2 ·32	9
22	Tues.	18		8 ·22	18 ·48	7					24 ·97		22	Thur.	17	12 ·74	3 ·27	10
23	Wed.	19		9 ·20	19 ·49	8	22	Sun.	18	10 ·02	25 ·91	9	23	Fri.	18	13 ·67	4 ·23	11
24	Thur.	20		10 ·16	20 ·48	9				11 ·92			24	Sat.	19	14 ·62	5 ·20	12
25	Fri.	21		11 ·11	21 ·45	10	23	Mon.	19	12 ·82	26 ·84	10	25	Sun.	20	**P** ·60	6 ·18	13
26	Sat.	22		12 ·04	22 ·41	11	24	Tues.	20	13 ·72	27 ·78	11	26	Mon.	21	1 ·59	7 ·19	14
				13 ·96			25	Wed.	21	14 ·62	1 ·71	12	27	Tues.	22	2 ·61	8 ·21	15
27	Sun.	23		14 ·87	23 ·36	12	26	Thur.	22	**P** ·54	2 ·65	13	28	Wed.	23	3 ·64	9 ·27	16
28	Mon.	24		**P** ·77	24 ·30	13	27	Fri.	23	1 ·46	3 ·60	14	—29	Thur	24	4 ·69	10 ·34	17
29	Tues.	25		1 ·67	25 ·23	14	28	Sat.	24	2 ·40	4 ·56	15	1	Fri.	25	5 ·75	11 ·42	18
30	Wed.	26		2 ·57	26 ·16	15	29	Sun.	25	3 ·35	5 ·54	16	2	Sat.	26	6 ·84	12 ·52	19
—31	Thur.	27		3 ·47	27 ·09	16	—30	Mon.	26	4 ·32	6 ·54	17	3	Sun.	27	7 ·93	13 ·63	20
					1 ·02		1	Tues.	27	5 ·30	7 ·55	18	4	Mon.	28	... ...	14 ·73	21
1	Fri.	28		4 ·38	2 ·98	17	2	Wed.	28	6 ·32	8 ·59	19	5	Tues.	29	8 ·01	15 ·84	22
2	Sat.	29		5 ·30	3 ·93	18	3	Thur.	29	7 ·35	9 ·64	20	6	Wed.	30	9 ·09	16 ·93	23
3	Sun.	30		6 ·23	4 ·90	19	4	Fri.	30	8 ·40	10 ·73	21	7	Thur.	31	10 ·16	... ...	24
4	Mon.	31		7 ·18	5 ·88	20	5	Sat.	31	9 ·47	11 ·81	22						

Paridhāvin. **Karkataka—Ādi.** *Bahula.* *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Bahula.* *Śukla.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Bahula.*

Paridhāvin. **Simha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* **Tulā—Aippāsi.** *Śukla.* **Kārttika.** *Bahula.* *Śukla.* **Mārgaśirsha.** *Bahula.* **Makara—Tai.** *Bahula.*

Paridhāvin. **Kanyā—Purattāsi.** *Śukla.* **Āśvina.** *Bahula.* *Śukla.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Śukla.*

Paridhāvin. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Bahula.*

Paridhāvin. **Tulā—Aippāsi.** *Bahula.* *Śukla.* **Kārttika.** *Bahula.* *Śukla.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Śukla.*

Paridhāvin. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.*

Paridhāvin. **Makara—Tai.** *Bahula.*

Paridhāvin. **Kumbha—Māsi.** *Bahula.*

Paridhāvin. **Mīna—Paṅguni.** *Bahula.*

Paridhāvin. **Meshā—Chittirai.** *Bahula.*

Paridhāvin. **Vṛishabha—Vaigāsi.** *Bahula.*

Paridhāvin. **Mithuna—Āni.** *Bahula.*

Paridhāvin. **Karkataka—Ādi.** *Bahula.*

Paridhāvin. **Simha—Āvaṇi.** *Bahula.*

Paridhāvin. **Kanyā—Purattāsi.** *Bahula.*

Paridhāvin. **Tulā—Aippāsi.** *Bahula.*

Paridhāvin. **Vṛiśchika—Kārttigai.** *Bahula.*

Paridhāvin. **Dhanus—Mārgali.** *Bahula.*

Paridhāvin. **Makara—Tai.** *Śukla.*

Paridhāvin. **Kumbha—Māsi.** *Śukla.*

Paridhāvin. **Mīna—Paṅguni.** *Śukla.*

Paridhāvin. **Meshā—Chittirai.** *Śukla.*

Paridhāvin. **Vṛishabha—Vaigāsi.** *Śukla.*

Paridhāvin. **Mithuna—Āni.** *Śukla.*

Paridhāvin. **Karkataka—Ādi.** *Śukla.*

Paridhāvin. **Simha—Āvaṇi.** *Śukla.*

H. 588 *Jamāda'l ākhir.* *Rajab.* *Sha'bān.* *Ramazān.* *Shawwāl.* *Zi-l-ka'da.* *Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24 Satab.

A.D. 1193. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·68.** **Śaka 1115.** **Kaliyuga 4294.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·63.** **(S. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
8	Fri.	1	11 ·21	17 ·00	25	8	Mon.	1	11 ·43	22 ·74	24	7	Sat.	1	13 ·02 / 14 ·92	1 ·09	26
9	Sat.	2	12 ·24	18 ·06	26	9	Tues.	2	12 ·38	23 ·71	25						
10	Sun.	3	13 ·26	19 ·10	27	10	Wed.	3	13 ·32	24 ·66	26	8	Sun.	2	A ·82	2 ·01 / 3 ·95	27
11	Mon.	4	14 ·24	20 ·11	28	11	Thur.	4	14 ·24	25 ·60	27						
12	Tues.	5	A ·20	21 10	29	12	Fri.	5	A ·15	26 54	28	9	Mon.	3	1 ·71	4 ·90	28
13	Wed.	6	1 ·15	22 ·08	30							10	Tues.	4	2 ·64	5 ·85	29
				23 04		13	Sat.	6	1 ·05 / 2 ·95	27 ·47	29	11	Wed.	5	3 ·57	6 ·82	1
14	Thur.	7	2 ·09	24 ·99	1							12	Thur.	6	4 ·51	7 ·81	2
						14	Sun.	7	3 ·85	1 ·41	1	13	Fri.	7	5 ·47	8 ·81	3
15	Fri.	8	3 ·02 / 4 ·93	25 ·93	2	15	Mon.	8	4 ·75	2 ·34	2	14	Sat.	8	6 ·46	9 ·84	4
						16	Tues.	9	5 ·66	3 ·28	3	15	Sun.	9	7 ·48	10 ·88	5
16	Sat.	9	5 ·83	26 ·86	3	17	Wed.	10	6 ·58	4 ·22	4	16	Mon.	10	8 ·50	11 ·96	6
17	Sun.	10	6 ·73	27 ·79	4	18	Thur.	11	7 ·52	5 ·18	5	17	Tues.	11	9 ·55	... ...	7
18	Mon.	11	7 ·63	1 ·72	5	19	Fri.	12	8 ·46	6 ·17	6	18	Wed.	12	10 ·61	12 ·03	8
19	Tues.	12	8 ·54	2 ·67	6	20	Sat.	13	9 ·43	7 ·16	7	19	Thur.	13	11 ·69	13 ·13	9
20	Wed.	13	9 ·45	3 ·61	7	21	Sun.	14	10 ·42	8 ·17	8	20	Fri.	14	12 ·77	14 ·23	10
21	Thur.	14	10 ·37	4 ·56	8	22	Mon.	15	11 ·43	9 ·20	9	21	Sat.	15	13 ·85	15 ·34	11
22	Fri.	15	11 ·31	5 ·52	9	23	Tues.	16	12 ·46	10 ·26	10	22	Sun.	16	14 ·93	16 ·45	12
23	Sat.	16	12 ·26	6 ·51	10	24	Wed.	17	13 ·51	11 ·33	11	23	Mon. ○	17	P ·99	17 ·54	13
24	Sun.	17	13 ·24	7 ·51	11	25	Thur.	18	14 ·58	12 ·43	12	24	Tues.	18	... ...	18 ·62	14
25	Mon.	18	14 ·23	8 ·54	12	26	Fri.	19	P ·66	13 ·53	13	25	Wed.	19	1 ·04	19 ·67	15
26	Tues.	19	P ·24	9 ·58	13	27	Sat.	20	1 ·75	14 ·63	14	26	Thur.	20	2 ·06	20 ·72	16
27	Wed.	20	1 ·27	10 ·64	14	28	Sun.	21	2 ·83	15 ·74	15	27	Fri.	21	3 ·07	21 ·73	17
28	Thur.	21	2 ·33	11 ·72	15	29	Mon.	22	3 ·90	16 ·85	16	28	Sat.	22	4 ·04	22 ·73	18
29	Fri.	22	3 ·40	12 ·82	16	30	Tues.	23	4 ·96	17 ·93	17						
1	Sat.	23	4 ·48	13 ·93	17	31	Wed.	24			18	29	Sun.	23	5 ·00 / 6 ·95	23 ·70	19
2	Sun.	24	5 ·56	... ...	18	1	Thur.	25	5 ·01	18 ·00	19						
3	Mon.	25	6 ·65	14 ·04	19	2	Fri.	26	6 ·04	19 ·05	20	30	Mon.	24	7 ·88	24 ·66	20
4	Tues.	26	7 ·73	15 ·14	20	3	Sat.	27	7 ·04	20 ·07	21	31	Tues.	25	8 ·79	25 ·62	21
5	Wed.	27	8 ·79	16 ·23	21							1	Wed.	26	9 ·70	26 ·56	22
6	Thur.	28	9 ·84	17 ·31	22	4	Sun.	28	8 ·03 / 9 ·99	21 ·08	22	2	Thur.	27	10 ·60	27 ·49	23
7	Fri.	29	10 ·87	18 ·38	23							3	Fri.	28	11 ·49	1 ·42	24
8	Sat.	30	11 ·89	19 ·42	24	5	Mon.	29	10 ·94	22 ·07	23	4	Sat.	29	12 ·39	2 ·35	25
9	Sun.	31	12 ·87	20 ·43	25	6	Tues.	30	11 ·87	23 ·04	24	5	Sun.	30	13 ·29	3 ·30	26
										24 ·00		6	Mon.	31	14 ·20	4 ·24	27
		Feb.				7	Wed.	31	12 ·79	25 ·94	25						
10	Mon.	1	13 ·84	21 ·43	26			**April.**						**June.**			
11	Tues.	2	14 ·79	22 ·41	27	8	Thur.	1	13 ·70	26 ·88	26	7	Tues. ●	1	A ·12	5 ·19	28
12	Wed.	3	A ·72	23 ·38	28	9	Fri.	2	14 ·60	27 ·82	27	8	Wed.	2	1 ·05	6 ·15	29
13	Thur.	4	1 ·64	24 ·33	29	10	Sat.	3	A ·50	1 ·75	28				2 ·00		
14	Fri.	5	2 ·55	25 ·27	30	11	Sun.	4	1 ·39	2 ·68	29	9	Thur.	3	3 ·96	7 ·13	30
15	Sat.	6	3 ·46	26 ·20	1	12	Mon.	5	2 ·29	3 ·61	30						
16	Sun.	7	4 ·36	27 ·13	2	13	Tues.	6	3 ·20	4 ·56	1	10	Fri.	4	4 ·94	8 ·13	1
17	Mon.	8	5 ·26	1 ·06	3	14	Wed.	7	4 ·12	5 ·52	2	11	Sat.	5	5 ·96	9 ·15	2
				2 ·00		15	Thur.	8	5 ·06	6 ·49	3	12	Sun.	6	6 ·98	10 ·19	3
18	Tues.	9	6 ·16	3 ·94	4							13	Mon.	7	... ...	11 ·25	4
						16	Fri.	9	6 ·01 / 7 ·98	7 ·48	4	14	Tues.	8	7 ·03	12 ·33	5
19	Wed.	10	7 ·07 / 8 ·99	4 ·89	5							15	Wed.	9	8 ·09	13 ·43	6
						17	Sat.	10	8 ·96	8 ·49	5	16	Thur.	10	9 ·17	14 ·53	7
20	Thur.	11	9 ·93	5 ·85	6	18	Sun.	11	9 ·97	9 ·52	6	17	Fri.	11	10 ·25	15 ·64	8
21	Fri.	12	10 ·88	6 ·83	7	19	Mon.	12	10 ·99	10 ·58	7	18	Sat.	12	11 ·34	16 ·75	9
22	Sat.	13	11 ·85	7 ·84	8	20	Tues.	13	... ..	11 ·63	8	19	Sun.	13	12 ·42	17 ·84	10
23	Sun.	14	12 ·84	8 ·85	9	21	Wed.	14	11 ·04	12 ·73	9	20	Mon.	14	13 ·48	18 ·92	11
24	Mon.	15	13 ·85	9 ·89	10	22	Thur.	15	12 ·11	13 ·83	10	21	Tues.	15	14 ·52	19 ·99	12
25	Tues.	16	14 ·88	10 ·95	11	23	Fri.	16	13 ·19	14 ·93	11	22	Wed.	16	P ·54	... ...	13
26	Wed.	17	P ·94	..	12	24	Sat.	17	14 ·28	... ...	12	23	Thur.	17	1 ·54	20 ·03	14
27	Thur.	18	.. ...	11 ·03	13	25	Sun.	18	P ·36	15 04	13	24	Fri.	18	2 ·52	21 ·05	15
28	Fri.	19	1 ·01	12 ·13	14	26	Mon.	19	1 ·43	16 ·15	14	25	Sat.	19	3 ·48	22 ·05	16
29	Sat.	20	2 ·09	13 ·23	15	27	Tues.	20	2 ·49	17 ·24	15	26	Sun.	20	4 ·42	23 ·03	17
30	Sun.	21	3 ·17	14 ·34	16	28	Wed.	21	3 ·54	18 ·31	16					24 01	
1	Mon.	22	4 ·26	15 ·44	17	29	Thur.	22	4 ·57	19 ·36	17	27	Mon.	21	5 ·35	25 ·96	18
2	Tues.	23	5 ·34	16 ·54	18	30	Fri.	23	5 ·56	20 ·39	18	28	Tues.	22	6 ·27	26 ·90	19
3	Wed.	24	6 ·40	17 ·63	19	31	Sat.	24	6 ·55	21 ·41	19	29	Wed.	23	7 ·17	27 ·83	20
4	Thur.	25	7 ·45	18 ·69	20	1	Sun.	25	7 ·51	22 ·40	20				8 ·07		
5	Fri.	26	8 ·48	19 ·73	21	2	Mon.	26	8 ·48	23 ·37	21	30	Thur.	24	9 ·97	1 ·76	21
6	Sat.	27	9 ·48	20 ·75	22	3	Tues.	27	9 ·39	24 ·33	22	31	Fri.	25	10 ·87	2 ·70	22
7	Sun.	28	10 ·46	21 ·75	23	4	Wed.	28	10 ·30	25 ·28	23	32	Sat.	26	11 ·77	3 ·63	23
						5	Thur.	29	11 ·21	26 ·22	24	1	Sun.	27	12 ·67	4 ·57	24
						6	Fri.	30	12 ·12	27 ·16	25	2	Mon.	28	13 ·59	5 ·52	25
												3	Tues.	29	14 ·52	6 ·48	26
												4	Wed.	30	A ·47	7 ·46	27

Paridhāvin. **Makara—Tai.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *Sukla.* **Phālguna.** *Bahula.* *Paridhāvin.* **Kumbha—Māsi.** *Pramādin.* **Mēsha—Chittirai.** *Bahula.* *Sukla.* **Vaiśākha.** *Bahula.* *Paridhāvin.* **Mina—Pangguni.** *Bahula.* *Sukla.* **Chaitra.** *Bahula.* *Sukla.* *H. 589 Muharram.* *H. 589 Safar.* *H. 589 Rabi-ul awwal.* *H. 589 Rabi-ul ākhir.* *Pramādin.* **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* **Jyeshtha.** *Bahula.* *Pramādin.* **Mithuna—Āni.** *Bahula.* *Sukla.* **Āshādha.** *Bahula.* *H. 589 Jamādā'l awwal.* *H. 589 Jamādā'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1193. **Kollam 369,** { **N. Malabar—Aug.** **Hijra** { **589, Jan. 7.** **Vikrama 1250.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences { **590, Dec. 27.** **Bengal San. 599.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
5	Thur. 1	1 ·44	8 ·46	28	5	Wed. 1	4 ·77	15 ·54	2	6	Mon. 1	*Śukla.* 5 ·25	21 ·65	4
6	Fri. 2	2 ·43	9 ·47	—29	6	Thur. 2	5 ·86	16 ·65	3	7	Tues. 2	6 ·26	22 ·67	5
7	Sat. 3	3 ·44	10 ·51	1	7	Fri. 3	6 ·93	17 ·76	4	8	Wed. 3	7 ·24	23 ·67	6
8	Sun. 4	4 ·47	11 ·58	2	8	Sat. 4	7 ·99	18 ·85	5	9	Thur. 4	8 ·21	24 ·66	7
9	Mon. 5	5 ·52	12 ·63	3	9	Sun. 5	... ...	19 ·92	6	10	Fri. 5	9 ·16	25 ·64	8
10	Tues. 6	*Śukla.* 6 ·58	13 ·73	4	10	Mon. 6	*Śukla.* 8 ·03	20 ·97	7	11	Sat. 6	10 ·09	26 ·59	9
11	Wed. 7	7 ·65	14 ·84	5	11	Tues. 7	9 ·06	... ...	8			11 ·01		
12	Thur. 8	8 ·73	15 ·95	6	12	Wed. 8	10 ·06	21 ·01	9	12	Sun. 7	12 ·92	27 ·53	10
13	Fri. 9	9 ·82	... ...	7	13	Thur. 9	11 ·05	22 ·03	10	13	Mon. 8	13 ·83	1 ·46	11
14	Sat. 10	10 ·90	16 ·05	8	14	Fri. 10	12 ·01	23 ·02	11	14	Tues. 9	14 ·73	2 ·39	12
15	Sun. 11	11 ·96	17 ·14	9			13 ·96			15	Wed. ○ 10	P ·63	3 ·32	13
16	Mon. 12	... ...	18 ·24	10	15	Sat. 11	14 ·89	24 ·00	12	16	Thur. 11	1 ·53	4 ·26	14
17	Tues. 13	12 ·00	19 ·30	11				25 ·96		17	Fri. 12	2 ·44	5 ·20	15
18	Wed. 14	13 ·02	20 ·35	12	16	Sun. 12	P ·81	26 ·91	13	18	Sat. 13	3 ·37	6 ·15	16
19	Thur. 15	14 ·02	21 ·37	13	17	Mon. 13	1 ·72	27 ·86	14	19	Sun. 14	4 ·31	7 ·11	17
		Śrāvaṇa. P ·00			18	Tues. 14	2 ·62	1 ·79	15	20	Mon. 15	*Kārttika.* 5 ·26	8 ·08	18
20	Fri. 16	1 ·97	22 ·38	14	19	Wed. 15	3 ·52	2 ·72	16	21	Tues. 16	6 ·23	9 ·08	19
21	Sat. 17	2 ·91	23 ·37	15	20	Thur. 16	4 ·42	3 ·65	17	22	Wed. 17	7 ·23	10 ·09	20
22	Sun. 18	3 ·84	24 ·34	16	21	Fri. 17	5 ·32	4 ·58	18	23	Thur. 18	8 ·24	11 ·12	21
23	Mon. 19	4 ·75	25 ·29	17	22	Sat. 18	6 ·23	5 ·53	19	24	Fri. 19	*Bahula.* 9 ·27	12 ·17	22
24	Tues. 20	5 ·66	26 ·24	18	23	Sun. 19	*Bahula.* 7 ·15	6 ·48	20	25	Sat. 20	10 ·33	13 ·24	23
25	Wed. 21	6 ·56	27 ·17	19	24	Mon. 20	8 ·09	7 ·45	21	26	Sun. 21	11 ·40	14 ·34	24
26	Thur. 22	7 ·46	1 ·10	20	25	Tues. 21	9 ·03	8 ·43	22	27	Mon. 22	12 ·48	15 ·44	25
			2 ·04		26	Wed. 22	10 ·01	9 ·43	23	28	Tues. 23	13 ·57	16 ·55	26
27	Fri. 23	*Bahula.* 8 ·35	3 ·97	21	27	Thur. 23	11 ·00	10 ·46	24	29	Wed. 24	14 ·66	17 ·65	27
28	Sat. 24	9 ·25	4 ·91	22	28	Fri. 24	12 ·02	11 ·50	25	30	Thur. 25	—A ·74	18 ·75	28
29	Sun. 25	10 ·17	5 ·85	23	29	Sat. 25	13 ·05	12 ·56	26	1	Fri. 26	1 ·81	19 ·85	29
30	Mon. 26	11 ·09	6 ·81	24	30	Sun. 26	14 ·10	13 ·64	27	2	Sat. 27	2 ·86	20 ·92	—30
		12 ·02			—31	Mon. 27	—A ·17	14 ·73	28	3	Sun. 28	*Śukla.* 3 ·88	21 ·96	1
—31	Tues. 27	13 ·96	7 ·79	25	1	Tues. 28	1 ·24	15 ·84	29	4	Mon. 29	4 ·89	22 ·99	2
1	Wed. 28	14 ·93	8 ·78	26	2	Wed. 29	2 ·33	16 ·95	—30	5	Tues. 30	5 ·88	... ..	3
2	Thur. 29	—A ·92	9 ·79	27	3	Thur. 30	3 ·42	... ...	1					
3	Fri. 30	1 ·93	10 ·82	28										
4	Sat. 31	2 ·96	11 ·87	29										
	Aug.					**Oct.**					**Dec.**			
5	Sun. 1	... ...	12 ·95	—30	4	Fri. 1	4 ·50	17 ·06	2	6	Wed. 1	6 ·85	23 ·00	4
6	Mon. 2	3 ·00	... ...	1	5	Sat. 2	5 ·57	18 ·15	3	7	Thur. 2	7 ·79	24 ·00	5
7	Tues. 3	4 ·07	13 ·04	2	6	Sun. 3	6 ·62	19 ·23	4				25 ·97	
8	Wed. 4	5 ·15	14 ·13	3	7	Mon. 4	7 ·64	20 ·29	5	8	Fri. 3	*Mārgaśirsha.* 8 ·73	26 ·92	6
9	Thur. 5	6 ·23	15 ·24	4	8	Tues. 5	*Śukla.* 8 ·64	21 ·33	6	9	Sat. 4	9 ·65	27 ·87	7
10	Fri. 6	*Śukla.* 7 ·31	16 ·35	5	9	Wed. 6	9 ·63	22 ·35	7	10	Sun. 5	10 ·56	1 ·80	8
11	Sat. 7	8 ·39	17 ·46	6	10	Thur. 7	10 ·59	23 ·35	8	11	Mon. 6	11 ·47	2 ·74	9
12	Sun. 8	9 ·46	18 ·54	7	11	Fri. 8	11 ·54	24 ·33	9	12	Tues. 7	12 ·37	3 ·67	10
13	Mon. 9	10 ·50	19 ·61	8	12	Sat. 9	12 ·47	25 ·29	10	13	Wed. 8	13 ·27	4 ·60	11
14	Tues. 10	11 ·53	20 ·66	9	13	Sun. 10	13 ·39	26 ·25	11	14	Thur. 9	14 ·17	5 ·54	12
15	Wed. 11	12 ·53	21 ·69	10	14	Mon. 11	14 ·30	27 ·19	12	15	Fri. 10	P ·09	6 ·48	13
16	Thur. 12	13 ·51	22 ·71	11	15	Tues. 12	P ·21	1 ·13	13			1 ·01		
17	Fri. 13	14 ·47	23 ·70	12			*Āśvina.*	2 ·06		16	Sat. 11	2 ·95	7 ·44	14
18	Sat. 14	P ·42	24 ·67	13	16	Wed. 13	1 ·11	3 ·99	14	17	Sun. 12	3 ·91	8 ·12	15
19	Sun. 15	1 ·35	25 ·63	14			*Nija.* 2 ·01			18	Mon. 13	4 ·88	9 ·40	16
20	Mon. 16	2 ·27	26 ·57	15	17	Thur. 14	3 ·91	4 ·93	15	19	Tues. 14	5 ·87	10 ·41	17
21	Tues. 17	3 ·18	27 ·51	16	18	Fri. 15	4 ·82	5 ·87	16	20	Wed. 15	6 ·88	11 ·43	18
		Bhādrapada. 4 ·08			19	Sat. 16	5 ·75	6 ·81	17	21	Thur. 16	7 ·92	12 ·48	19
22	Wed. 18	5 ·97	1 ·45	17	20	Sun. 17	6 ·69	7 ·78	18	22	Fri. 17	8 ·98	13 ·56	20
23	Thur. 19	*Bahula.* 6 ·87	2 ·38	18	21	Mon. 18	7 ·64	8 ·75	19	23	Sat. 18	... ..	14 ·64	21
24	Fri. 20	7 ·77	3 ·31	19	22	Tues. 19	8 ·61	9 ·76	20	24	Sun. 19	9 ·05	15 ·74	22
25	Sat. 21	8 ·68	4 ·24	20	23	Wed. 20	9 ·59	10 ·77	21	25	Mon. 20	10 ·18	16 ·85	23
26	Sun. 22	9 ·30	5 ·19	21	24	Thur. 21	*Bahula.* 10 ·61	11 ·81	22	26	Tues. 21	*Pauṣa.* 11 ·22	17 ·95	24
27	Mon. 23	10 ·54	6 ·15	22	25	Fri. 22	11 ·65	12 ·87	23	27	Wed. 22	12 ·31	... ...	25
28	Tues. 24	11 ·49	7 ·12	23	26	Sat. 23	12 ·70	13 ·94	24	28	Thur. 23	13 ·39	18 ·06	26
29	Wed. 25	12 ·46	8 ·10	24	27	Sun. 24	13 ·77	... ..	25	—29	Fri. 24	14 ·46	19 ·15	27
30	Thur. 26	13 ·44	9 ·11	25	28	Mon. 25	14 ·85	14 ·03	26	1	Sat. 25	—A ·51	20 ·22	28
—31	Fri. 27	14 ·45	10 ·13	26	—29	Tues. 26	A ·94	15 ·14	27	2	Sun. 26	1 ·54	21 ·28	—29
1	Sat. 28	—A ·49	11 ·19	27	1	Wed. 27	... ...	16 ·15	28	3	Mon. 27	2 ·54	22 ·31	1
2	Sun. 29	1 ·54	12 ·25	28	2	Thur. 28	1 ·03	17 ·35	—29	4	Tues. 28	3 ·52	23 ·33	2
3	Mon. 30	2 ·61	13 ·34	—29	3	Fri. 29	2 ·11	18 ·45	1	5	Wed. 29	4 ·49	24 ·32	3
4	Tues. 31	3 ·68	14 ·43	1	4	Sat. 30	3 ·17	19 ·53	2	6	Thur. 30	*Śukla.* 5 ·44	25 ·30	4
					5	Sun. 31	4 ·22	20 ·61	3	7	Fri. 31	6 ·38	26 ·26	5

Pramādin. **Karkaṭaka—Ādi.** *H.* 589 *Rajab.* *Pramādin.* **Kanyā—Purattāśi.** *H.* 589 *Ramazān.* *Pramādin.* **Vṛśchika—Karttigai.** *H.* 589 *Zi-l-ka'da.*

Pramādin. **Siṁha—Āvaṇi.** *H.* 589 *Shaʻbān.* *Pramādin.* **Tulā—Aippaśi.** *H.* 589 *Shawwāl.* *Pramādin.* **Dhanus—Mārgaḷi.** *H.* 589 *Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1194. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·94.** **Śaka 1116.** **Kaliyuga 4295.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·89.** **(S. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Sat.	1	7 ·30	27 ·20	6	7	Tues.	1	7 ·14	5 ·56	6	7	Sun.	1	10 ·79	11 ·03	8
9	Sun.	2	8 ·21	1 ·14	7	8	Wed.	2	8 ·05 / 9 ·96	6 ·50	7	8	Mon.	2	11 ·79	12 ·05	9
10	Mon.	3	9 ·11	2 ·08	8	9	Thur.	3	10 ·88	7 ·45	8	9	Tues.	3	12 ·83	13 ·09	10
11	Tues.	4	10 ·01 / 11 ·91	3 ·01 / 4 ·94	9	10	Fri.	4	11 ·81	8 ·40	9	10	Wed.	4	13 ·88	14 ·17	11
12	Wed.	5	12 ·82	5 ·87	10	11	Sat.	5	12 ·76	9 ·38	10	11	Thur.	5	14 ·94	15 ·25	12
13	Thur.	6	13 ·73	6 ·82	11	12	Sun.	6	13 ·74	10 ·38	11	12	Fri. ○	6	...	16 ·35	13
14	Fri.	7	14 ·65	7 ·78	12	13	Mon.	7	14 ·72	11 ·39	12	13	Sat.	7	P ·02	17 ·45	14
15	Sat.	8	P ·59	8 ·74	13	14	Tues.	8	P ·74	12 ·40	13	14	Sun.	8	1 ·10	18 ·56	15
16	Sun.	9	1 ·55	9 ·73	14	15	Wed.	9	1 ·77	13 ·48	14	15	Mon.	9	2 ·19	19 ·67	16
17	Mon.	10	2 ·53	10 ·73	15	16	Thur.	10	2 ·83	14 ·55	15	16	Tues.	10	3 ·26	20 ·76	17
18	Tues.	11	3 ·51	11 ·75	16	17	Fri.	11	3 ·90	15 ·65	16	17	Wed.	11	4 ·32	21 ·84	18
19	Wed.	12	4 ·52	12 ·80	17	18	Sat.	12	4 ·98	16 ·75	17	18	Thur.	12	5 ·36	22 ·89	19
20	Thur.	13	5 ·56	13 ·86	18	19	Sun.	13	... ..	17 ·85	18	19	Fri.	13	6 ·39	23 ·93	20
21	Fri.	14	6 ·62	14 ·94	19	20	Mon.	14	5 ·06	18 ·96	19	20	Sat.	14	7 ·39	24 ·95	21
22	Sat.	15	7 ·69	... ...	20	21	Tues.	15	6 ·14	... ...	20	21	Sun.	15	8 ·36	25 ·95	22
23	Sun.	16	8 ·77	15 ·04	21	22	Wed.	16	7 ·22	19 ·06	21	22	Mon.	16	9 ·33	26 ·92	23
24	Mon.	17	9 ·87	16 ·14	22	23	Thur.	17	8 ·28	20 ·14	22	23	Tues.	17	10 ·27	27 ·88	24
25	Tues.	18	10 ·95	17 ·26	23	24	Fri.	18	9 ·33	21 ·22	23	24	Wed	18	11 ·20	1 ·83	25
26	Wed.	19	... ..	18 ·36	24	25	Sat.	19	10 ·35	22 ·27	24	25	Thur.	19	12 ·11	2 ·78	26
27	Thur.	20	11 ·02	19 ·45	25	26	Sun.	20	11 ·36	23 ·29	25	26	Fri.	20	13 ·01 / 14 ·91	3 ·71	27
28	Fri.	21	12 ·09	20 ·53	26	27	Mon.	21	12 ·34	24 ·30	26	27	Sat.	21	A ·81	4 ·64	28
29	Sat.	22	13 ·14	21 ·59	27	28	Tues.	22	13 ·30	25 ·28	27	28	Sun.	22	1 ·71	5 ·58	29
30	Sun.	23	14 ·17	22 ·64	28	29	Wed.	23	14 ·24	26 ·26	28	29	Mon.	23	2 ·61	6 ·51	30
1	Mon.	24	A ·17	23 ·65	29	30	Thur.	24	A ·17	27 ·22	29	30	Tues.	24	3 ·52	7 ·45	1
2	Tues.	25	1 ·16	24 ·65	30	1	Fri.	25	1 ·09 / 2 ·99	1 ·16	30	31	Wed.	25	4 ·43	8 ·39	2
3	Wed.	26	2 ·13	25 ·63	1	2	Sat.	26	3 ·89	2 ·10	1	1	Thur.	26	5 ·37	9 ·37	3
4	Thur.	27	3 ·08	26 ·59	2	3	Sun.	27	4 ·79	3 ·03 / 4 ·96	2	2	Fri.	27	6 ·32	10 ·35	4
5	Fri.	28	4 ·01 / 5 ·92	27 ·54	3	4	Mon.	28	5 ·69	5 ·90	3	3	Sat.	28	7 ·28	11 ·35	5
6	Sat.	29	6 ·83	1 ·49	4	5	Tues.	29	6 ·60	6 ·84	4	4	Sun.	29	8 ·27	12 ·37	6
7	Sun.	30	7 ·74	2 ·42	5	6	Wed.	30	7 ·51	7 ·78	5	5	Mon.	30	9 ·28	13 ·41	7
8	Mon.	31	8 ·65	3 ·35	6	7	Thur.	31	8 ·43	8 ·73	6	6	Tues.	31	10 ·32	14 ·47	8
	Feb.						**April.**						**June.**				
9	Tues.	1	9 ·55	4 ·28	7	8	Fri.	1	9 ·37	9 ·71	7	7	Wed.	1	11 ·37	15 ·55	9
10	Wed.	2	10 ·45	5 ·21	8	9	Sat.	2	10 ·32	10 ·70	8	8	Thur.	2	12 ·43	16 ·65	10
11	Thur.	3	11 ·36	6 ·16	9	10	Sun.	3	11 ·29	11 ·71	9	9	Fri.	3	13 ·51	17 ·75	11
12	Fri.	4	12 ·28	7 ·11	10	11	Mon.	4	12 ·27	12 ·74	10	10	Sat.	4	14 ·59	18 ·87	12
13	Sat.	5	13 ·22	8 ·07	11	12	Tues.	5	13 ·28	13 ·79	11	11	Sun.	5	P ·67	19 ·97	13
14	Sun.	6	14 ·17	9 ·05	12	13	Wed.	6	14 ·31	14 ·85	12	12	Mon.	6	1 ·74	... ...	14
15	Mon.	7	P ·15	10 ·05	13	14	Thur.	7	P ·36	15 ·95	13	13	Tues.	7	2 ·80	20 ·06	15
16	Tues.	8	1 ·13	11 ·07	14	15	Fri.	8	1 ·43	... ...	14	14	Wed.	8	3 ·84	21 ·14	16
17	Wed.	9	2 ·15	12 ·11	15	16	Sat.	9	2 ·51	16 ·05	15	15	Thur.	9	4 ·87	22 ·20	17
18	Thur.	10	3 ·18	13 ·17	16	17	Sun.	10	3 ·60	17 ·15	16	16	Fri.	10	5 ·86	23 ·25	18
19	Fri.	11	4 ·24	14 ·25	17	18	Mon.	11	4 ·68	18 ·26	17	17	Sat.	11	6 ·85	24 ·27	19
20	Sat.	12	5 ·31	15 ·34	18	19	Tues.	12	5 ·75	19 ·36	18	18	Sun.	12	7 ·81	25 ·27	20
21	Sun.	13	6 ·39	16 ·45	19	20	Wed.	13	6 ·81	20 ·46	19	19	Mon.	13	8 ·75	26 ·25	21
22	Mon.	14	7 ·48	17 ·56	20	21	Thur.	14	7 ·86	21 ·53	20	20	Tues.	14	9 ·67	27 ·22	22
23	Tues.	15	x ·56	18 ·66	21	22	Fri.	15	8 ·88	22 ·58	21	21	Wed.	15	10 ·59	1 ·17	23
24	Wed.	16	9 ·64	19 ·76	22	23	Sat.	16	9 ·89	23 ·61	22	22	Thur.	16	11 ·50	2 ·12	24
25	Thur.	17	10 ·70	20 ·84	23	24	Sun.	17	10 ·87	24 ·62	23	23	Fri.	17	12 ·40	3 ·05 / 4 ·98	25
26	Fri.	18	11 ·75	21 ·90	24	25	Mon.	18	11 ·83	25 ·62	24	24	Sat.	18	13 ·30	5 ·91	26
27	Sat.	19	12 ·78	22 ·95	25	26	Tues.	19	12 ·77	26 ·59	25	25	Sun.	19	14 ·19	6 ·84	27
28	Sun.	20	13 ·78	23 ·97	26	27	Wed.	20	13 ·70	27 ·55	26	26	Mon.	20	A ·09 / 1 ·99	7 ·80	28
29	Mon.	21	14 ·77	24 ·97	27	28	Thur.	21	14 ·62	1 ·50	27	27	Tues.	21	2 ·91	8 ·74	29
30	Tues.	22	A ·73	25 ·95	28	29	Fri.	22	A ·52	2 ·43	28	28	Wed.	22	3 ·84	9 ·70	1
1	Wed.	23	1 ·68	26 ·92	29	30	Sat.	23	1 ·42	3 ·38	29	29	Thur.	23	4 ·79	10 ·68	2
2	Thur.	24	2 ·61	27 ·88	1	31	Sun.	24	2 ·32	4 ·30	1	30	Fri.	24	5 ·77	11 ·67	3
3	Fri.	25	3 ·53	1 ·82	2	1	Mon.	25	3 ·22	5 ·23	2	31	Sat.	25	6 ·75	12 ·69	4
4	Sat.	26	4 ·43	2 ·76	3	2	Tues.	26	4 ·12	6 ·17	3	32	Sun.	26	7 ·76	13 ·73	5
5	Sun.	27	5 ·33	3 ·69	4	3	Wed.	27	5 ·03 / 6 ·94	7 ·11	4	1	Mon.	27	8 ·79	14 ·78	6
6	Mon.	28	6 ·23	4 ·62	5	4	Thur.	28	7 ·87	8 ·06	5	2	Tues.	28	9 ·84	15 ·86	7
						5	Fri.	29	8 ·83	9 ·04	6	3	Wed.	29	10 ·90	16 ·95	8
						6	Sat.	30	9 ·80	10 ·03	7	4	Thur.	30	11 ·98	... ...	9

Pramādin. Makara—Tai. Kumbha—Māśi. Ānanda. Mēsha—Chittirai. Pramādin. Mīna—Pāṅguni. Ānanda. Vrishabha—Vaigāśi. Ānanda. Mithuna—Āni. Ānanda. Vrishabha—Vaigāśi.

Pausha. Māgha. Phālguna. Chaitra. Vaiśākha. Jyeshṭha. Āsh.

Bahula. Śukla.

H. 590 Muharram. H. 590 Rabī-ul awwal. H. 590 Rabī-ul ākhir. H. 590 Jamādā'l awwal. H. 590 Jamādā'l ākhir. H. 590 Rajab.

Naksh: 1. Asvi. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1194. **Kollam 370,** { **N. Malabar—Aug.** **Hijra 591.** **Vikrama 1251.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Dec. 16.** **Bengal San. 600.**
P—Paurnimā. **(N. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Fri.	1	... ...	17 ·06	10	5	Thur.	1	Bhād. 14 ·37	24 ·21	13	5	Tues.	1	1 ·21	4 ·68	15
6	Sat.	2	12 ·06	18 ·16	11	6	Fri.	2	P ·35	25 ·24	14	6	Wed.	2	2 ·11	5 ·61	16
7	Sun.	3	Bahula. 13 ·15	19 ·27	12	7	Sat.	3	1 ·32	26 ·24	15	7	Thur.	3	3 ·01	6 ·54	17
8	Mon.	4	Āshādha. 14 ·22	20 ·37	13	8	Sun.	4	2 ·26	27 ·22	16				4 ·91		
9	Tues.	5	P ·28	21 ·45	14	9	Mon.	5	3 ·18	1 ·18	17	8	Fri.	4	5 ·81	7 ·47	18
10	Wed.	6	1 ·32	22 ·52	15	10	Tues.	6	4 ·10	2 ·13	18	9	Sat.	5	Bahula. 6 ·73	8 ·42	19
11	Thur.	7	2 ·34	23 ·57	16	11	Wed.	7	5 ·01	3 ·07	19	10	Sun.	6	7 ·65	9 ·37	20
12	Fri.	8	3 ·34	24 ·59	17				6 ·91			11	Mon.	7	8 ·59	10 ·33	21
13	Sat.	9	4 ·33	25 ·60	18	12	Thur.	8	7 ·81	4 ·00	20	12	Tues.	8	9 ·55	11 ·30	22
14	Sun.	10	Bahula. 5 ·29	26 ·58	19				Bahula.	5 ·94		13	Wed.	9	10 ·53	12 ·29	23
15	Mon.	11	6 ·23	27 ·55	20	13	Fri.	9	8 ·71	6 ·87	21	14	Thur.	10	11 ·51	13 ·31	24
16	Tues.	12	7 ·15	1 ·51	21	14	Sat.	10	9 ·61	7 ·80	22	15	Fri.	11	12 ·52	14 ·34	25
17	Wed.	13	8 ·07	2 ·46	22	15	Sun.	11	10 ·52	8 ·74	23	16	Sat.	12	13 ·56	15 ·39	26
			9 ·97			16	Mon.	12	11 ·44	9 ·69	24	17	Sun.	13	14 ·62	16 ·46	27
18	Thur.	14	10 ·87	3 ·39	23	17	Tues.	13	12 ·38	10 ·67	25	18	Mon.	14	—A ·70	17 ·55	28
19	Fri.	15	11 ·77	4 ·32	24	18	Wed.	14	13 ·34	11 ·65	26	19	Tues.	15	1 ·78	18 ·67	29
20	Sat.	16	12 ·67	5 ·25	25	19	Thur.	15	14 ·31	12 ·65	27	20	Wed.	16	2 ·87	19 ·77	—30
21	Sun.	17	13 ·57	6 ·19	26	20	Fri.	16	—A ·30	13 ·67	28	21	Thur.	17	3 ·96	20 ·87	1
22	Mon.	18	14 ·48	7 ·13	27	21	Sat.	17	1 ·31	14 ·71	29	22	Fri.	18	... ...	21 ·97	2
23	Tues.	19	—A ·40	8 ·07	28	22	Sun.	18	2 ·35	15 ·78	—30	23	Sat.	19	4 ·04	... ...	3
24	Wed.	20	1 ·33	9 ·03	29	23	Mon.	19	3 ·40	16 ·86	1	24	Sun.	20	5 ·10	22 ·06	4
25	Thur.	21	2 ·28	10 ·00	—30	24	Tues.	20	4 ·47	17 ·95	2	25	Mon.	21	6 ·14	23 ·14	5
26	Fri.	22	3 ·25	11 ·00	1	25	Wed.	21	5 ·55	... ...	3	26	Tues.	22	7 ·17	24 ·18	6
27	Sat.	23	4 ·23	12 ·01	2	26	Thur.	22	6 ·64	18 ·05	4	27	Wed.	23	8 ·17	25 ·21	7
28	Sun.	24	5 ·25	13 ·04	3	27	Fri.	23	7 ·73	19 ·16	5	28	Thur.	24	9 ·16	26 ·22	8
29	Mon.	25	6 ·28	14 ·09	4	28	Sat.	24	8 ·81	20 ·28	6	—29	Fri.	25	10 ·13	27 ·21	9
30	Tues.	26	7 ·34	15 ·16	5	29	Sun.	25	9 ·87	21 ·37	7	1	Sat.	26	11 ·08	1 ·18	10
—31	Wed.	27	8 ·40	16 ·26	6	30	Mon.	26	10 ·91	22 ·45	8	2	Sun.	27	12 ·00	2 ·14	11
1	Thur.	28	9 ·47	17 ·36	7	—31	Tues.	27	11 ·93	23 ·51	9				13 ·92		
2	Fri.	29	10 ·56	18 ·46	8	1	Wed.	28	12 ·94	24 ·54	10	3	Mon.	28	14 ·83	3 ·09	12
3	Sat.	30	11 ·64	19 ·57	9	2	Thur.	29	13 ·92	25 ·57	11	4	Tues.	29	P ·74	4 ·03	13
4	Sun.	31	12 ·72	20 ·67	10	3	Fri.	30	Āśvina. 14 ·89	26 ·57	12					5 ·95	
												5	Wed.	30	1 ·65	6 ·88	14
	Aug.						**Oct.**						**Dec.**				
5	Mon.	1	13 ·78	21 ·75	11	4	Sat.	1	P ·83	27 ·55	13	6	Thur.	1	2 ·55	7 ·82	15
6	Tues.	2	Śrāvaṇa. 14 ·82	22 ·83	12	5	Sun.	2	1 ·76	1 ·51	14	7	Fri.	2	3 ·45	8 ·76	16
7	Wed.	3	P ·84	23 ·88	13	6	Mon.	3	2 ·68	2 ·46	15	8	Sat.	3	4 ·36	9 ·70	17
8	Thur.	4	1 ·85	24 ·91	14	7	Tues.	4	3 ·59	3 ·41	16	9	Sun.	4	5 ·29	10 ·66	18
9	Fri.	5	2 ·83	25 ·92	15	8	Wed.	5	4 ·49	4 ·35	17	10	Mon.	5	6 ·23	11 ·63	19
10	Sat.	6	3 ·79	26 ·90	16	9	Thur.	6	5 ·39	5 ·27	18	11	Tues.	6	7 ·19	12 ·62	20
11	Sun.	7	4 ·73	27 ·89	17	10	Fri.	7	Bahula. 6 ·29	6 ·20	19	12	Wed.	7	8 ·17	13 ·63	21
12	Mon.	8	5 ·65	1 ·85	18	11	Sat.	8	7 ·19	7 ·14	20	13	Thur.	8	9 ·15	14 ·65	22
13	Tues.	9	Bahula. 6 ·57	2 ·79	19	12	Sun.	9	8 ·11	8 ·08	21	14	Fri.	9	10 ·17	15 ·70	23
14	Wed.	10	7 ·48	3 ·73	20	13	Mon.	10	9 ·03	9 ·03	22	15	Sat.	10	Bahula. 11 ·21	16 ·77	24
15	Thur.	11	8 ·38	4 ·66	21				10 ·97			16	Sun.	11	12 ·27	17 ·86	25
16	Fri.	12	9 ·27	5 ·60	22	14	Tues.	11	11 ·93	10 ·00	23	17	Mon.	12	13 ·34	18 ·96	26
17	Sat.	13	10 ·17	6 ·53	23					11 ·99		18	Tues.	13	14 ·43	... ...	27
18	Sun.	14	11 ·08	7 ·47	24	15	Wed.	12	12 ·90	12 ·97	24	19	Wed.	14	—A ·52	19 ·07	28
			12 ·99			16	Thur.	13	13 ·89	13 ·98	25	20	Thur.	15	1 ·60	20 ·17	—29
19	Mon.	15	13 ·91	8 ·41	25	17	Fri.	14	14 ·90	... ...	26	21	Fri.	16	2 ·68	21 ·27	1
20	Tues.	16	14 ·84	9 ·36	26	18	Sat.	15	—A ·94	14 ·03	27	22	Sat.	17	Śukla. 3 ·75	22 ·36	2
21	Wed.	17	—A ·80	10 ·34	27	19	Sun.	16	... ...	15 ·09	28	23	Sun.	18	4 ·80	23 ·43	3
22	Thur.	18	1 ·77	11 ·32	28	20	Mon.	17	1 ·00	16 ·16	—29	24	Mon.	19	5 ·81	24 ·50	4
23	Fri.	19	2 ·74	12 ·33	—29	21	Tues.	18	2 ·08	17 ·25	1	25	Tues.	20	6 ·82	25 ·53	5
24	Sat.	20	3 ·76	13 ·35	1	22	Wed.	19	3 ·16	18 ·35	2	26	Wed.	21	7 ·81	26 ·54	6
25	Sun.	21	Śukla. 4 ·79	14 ·40	2	23	Thur.	20	4 ·24	19 ·47	3	27	Thur.	22	8 ·77	27 ·53	7
26	Mon.	22	5 ·85	15 ·47	3	24	Fri.	21	Śukla. 5 ·33	20 ·58	4	28	Fri.	23	9 ·72	1 ·52	8
27	Tues.	23	6 ·92	16 ·56	4	25	Sat.	22	6 ·40	21 ·67	5	29	Sat.	24	10 ·65	2 ·48	9
28	Wed.	24	... ...	17 ·65	5	26	Sun.	23	7 ·46	22 ·75	6	—30	Sun.	25	11 ·57	3 ·42	10
29	Thur.	25	Bhādrapada. 7 ·00	18 ·76	6	27	Mon.	24	8 ·51	23 ·82	7	1	Mon.	26	12 ·49	4 ·36	11
30	Fri.	26	8 ·08	19 ·87	7	28	Tues.	25	9 ·54	24 ·87	8	2	Tues.	27	13 ·39	5 ·29	12
—31	Sat.	27	9 ·17	20 ·97	8	29	Wed.	26	10 ·54	25 ·89	9	3	Wed.	28	14 ·29	6 ·23	13
1	Sun.	28	10 ·25	... ...	9	—30	Thur.	27	11 ·53	26 ·89	10	4	Thur.	29	P ·19	7 ·16	14
2	Mon.	29	11 ·31	21 ·07	10	1	Fri.	28	12 ·50	27 ·88	11	5	Fri.	30	Pausha. 1 ·10	8 ·09	15
3	Tues.	30	12 ·35	22 ·14	11	2	Sat.	29	13 ·44	1 ·84	12	6	Sat.	31	2 ·01	9 ·04	16
4	Wed.	31	13 ·37	23 ·19	12	3	Sun.	30	14 ·37	2 ·80	13				3 ·94	10 ·99	
						4	Mon. ○	31	P ·29	3 ·75	14						

Ānanda. **Karkaṭaka—Ādi.** *H. 590 Rajab.* *Ānanda.* **Kanyā—Purattāśi.** *H. 590 Ramażān.* *Ānanda.* **Tulā—Aippaśi.** *H. 590 Shavvāl.* *Ānanda.* **Vṛśchika—Kārttigai.** *H. 590 Zī-l-ka'da.*

Ānanda. **Siṁha—Āvani.** *H. 590 Shaʿbān.* *Ānanda.* **Kanyā—Puratṭāśi.** *H. 590 Ramażān.* *Ānanda.* **Tulā—Aippaśi.** *H. 590 Shavvāl.* *Ānanda.* **Dhanus—Mārgaḷi.** *H. 590 Zī-l-ka'da.* *H. 591 Muḥarram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1195. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 25·20.** **Śaka 1117.** **Kaliyuga 4296.**
Lunar Eclipse. ○ (Arya Sid.) **March 25·15.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
7	Sun.	1	**Pausha.** 4 ·88	11 ·96	17	7	Wed.	1	**Phalguna.** 3 ·03	15 ·64	17	7	Mon.	1	**Vaiśāk.** 5 ·44	21 ·78	*H.* 591 *Jamāda'l awwal.* 19
8	Mon.	2	5 ·84	12 ·95	18	8	Thur.	2	4 ·04	16 ·70	18	8	Tues.	2	6 ·52	22 ·88	20
9	Tues.	3	6 ·81	13 ·95	19	9	Fri.	3	5 ·08	17 ·77	19	9	Wed.	3	7 ·60	23 ·98	21
10	Wed.	4	7 ·79	14 ·97	20	10	Sat.	4	6 ·14	18 ·86	20	10	Thur.	4	8 ·66	... ...	22
11	Thur.	5	8 ·82	... ...	21	11	Sun.	5	7 ·21	19 ·96	21	11	Fri.	5	9 ·70	24 ·06	23
12	Fri.	6	9 ·85	15 ·01	22	12	Mon.	6	8 ·29	... ...	22	12	Sat.	6	10 ·72	25 ·11	24
13	Sat.	7	10 ·91	16 ·08	23	13	Tues.	7	9 ·37	20 ·08	23	13	Sun.	7	11 ·71	26 ·15	25
14	Sun.	8	11 ·99	17 ·16	24	14	Wed.	8	10 ·46	21 ·18	24	14	Mon.	8	12 ·69	27 ·16	26
15	Mon.	9	... ...	18 ·26	25	15	Thur.	9	11 ·53	22 ·28	25	15	Tues.	9	13 ·65	1 ·17	27
16	Tues.	10	12 ·08	19 ·36	26	16	Fri.	10	12 ·60	23 ·36	26	16	Wed.	10	14 ·59	2 ·14	28
17	Wed.	11	13 ·16	20 ·47	27	17	Sat.	11	13 ·64	24 ·43	27	17	Thur.	11	—**A** ·52	3 ·10	29
18	Thur.	12	14 ·26	21 ·57	28	18	Sun.	12	14 ·66	25 ·49	28	18	Fri.	12	1 ·43	4 ·05	*H.* 591 *Jamāda'l awwal.*
19	Fri.	13	—**A** ·33	22 ·67	29	19	Mon.	13	—**A** ·66	26 ·51	29					5 ·99	—30
20	Sat.	14	1 ·39	23 ·75	—30	20	Tues.	14	1 ·64	27 ·52	—30	19	Sat.	13	2 ·33	6 ·92	1
21	Sun.	15	2 ·44	24 ·81	1	21	Wed.	15	2 ·60	1 ·50	1	20	Sun.	14	3 ·23	7 ·86	2
22	Mon.	16	3 ·46	25 ·85	2	22	Thur.	16	3 ·54	2 ·47	2	21	Mon.	15	4 ·13	8 ·80	3
23	Tues.	17	4 ·47	26 ·86	3	23	Fri.	17	4 ·47	3 ·44	3	22	Tues.	16	5 ·03	9 ·72	4
24	Wed.	18	5 ·45	27 ·87	4	24	Sat.	18	5 ·39	4 ·38	4				6 ·93		
25	Thur.	19	6 ·42	1 ·85	5	25	Sun.	19	6 ·30	5 ·32	5	23	Wed.	17	7 ·84	10 ·67	5
26	Fri.	20	7 ·36	2 ·81	6	26	Mon.	20	7 ·20	6 ·25	6	24	Thur.	18	8 ·76	11 ·62	6
27	Sat.	21	8 ·29	3 ·76	7	27	Tues.	21	8 ·10	7 ·18	7	25	Fri.	19	9 ·69	12 ·58	7
28	Sun.	22	9 ·21	4 ·70	8				9 ·00			26	Sat.	20	10 ·64	13 ·57	8
—29	Mon.	23	10 ·12	5 ·64	9	28	Wed.	22	10 ·90	8 ·11	8	27	Sun.	21	11 ·62	14 ·57	9
1	Tues.	24	11 ·03	6 ·57	10	29	Thur.	23	11 ·81	9 ·04	9	28	Mon.	22	12 ·60	15 ·59	10
2	Wed.	25	12 ·93	7 ·50	11	—30	Fri.	24	12 ·73	10 ·00	10	29	Tues.	23	13 ·62	16 ·63	11
3	Thur.	26	13 ·83	8 ·43	12	1	Sat.	25	13 ·67	11 ·95	11	30	Wed.	24	14 ·65	17 ·69	12
4	Fri.	27	14 ·73	9 ·37	13	2	Sun.	26	14 ·62	12 ·92	12	—31	Thur.	25	**P** ·71	18 ·77	13
5	Sat.	28	**P** ·64	10 ·33	14	3	Mon.	27	**P** ·60	13 ·91	13	1	Fri.	26	1 ·77	19 ·87	14
6	Sun.	29	1 ·57	11 ·29	15	4	Tues.	28	1 ·59	14 ·93	14	2	Sat.	27	2 ·85	20 ·97	15
7	Mon.	30	2 ·51	12 ·27	16	5	Wed.	29	2 ·59	15 ·96	15	3	Sun.	28	3 ·93	... ...	16
8	Tues.	31	3 ·47	13 ·27	17	6	Thur.	30	3 ·63	16 ·01	16	4	Mon.	29	... ...	21 ·08	17
			4 ·44			7	Fri.	31	4 ·69	17 ·07	17	5	Tues.	30	4 ·01	22 ·18	18
		Feb.						**April.**				6	Wed.	31	5 ·08	23 ·28	*H.* 591 *Jamāda'l ākhir.* 19
9	Wed.	1	5 ·43	14 ·28	18									**June.**			
10	Thur.	2	6 ·44	15 ·32	19	8	Sat.	1	5 ·76	18 ·16	18	7	Thur.	1	6 ·14	24 ·36	20
11	Fri.	3	7 ·47	16 ·39	20	9	Sun.	2	6 ·84	19 ·27	19	8	Fri.	2	7 ·18	25 ·42	21
12	Sat.	4	8 ·53	17 ·47	21	10	Mon.	3	7 ·93	20 ·38	20	9	Sat.	3	8 ·20	26 ·46	22
13	Sun.	5	9 ·61	18 ·56	22	11	Tues.	4	... ...	21 ·48	21	10	Sun.	4	9 ·20	27 ·48	23
14	Mon.	6	10 ·70	19 ·66	23	12	Wed.	5	8 ·01	22 ·58	22	11	Mon.	5	10 ·18	1 ·49	24
15	Tues.	7	11 ·79	20 ·77	24	13	Thur.	6	9 ·08	23 ·67	23	12	Tues.	6	11 ·13	2 ·47	25
16	Wed.	8	12 ·87	21 ·88	25	14	Fri.	7	10 ·14	24 ·75	24	13	Wed.	7	12 ·07	3 ·44	26
17	Thur.	9	13 ·94	22 ·98	26	15	Sat.	8	11 ·18	25 ·80	25	14	Thur.	8	13 ·00	4 ·39	27
18	Fri.	10	... ...	... ...	27	16	Sun.	9	12 ·21	26 ·83	26				14 ·91		
19	Sat.	11	14 ·01	23 ·06	28	17	Mon.	10	13 ·20	27 ·84	27	15	Fri.	9	—**A** ·81	5 ·33	28
20	Sun.	12	—**A** ·06	24 ·12	—29	18	Tues.	11	14 ·19	1 ·83	28	16	Sat.	10	1 ·71	6 ·27	—29
21	Mon.	13	1 ·07	25 ·16	1	19	Wed. ●	12	—**A** ·15	2 ·80	—29	17	Sun.	11	2 ·61	7 ·20	1
22	Tues.	14	2 ·08	26 ·19	2	20	Thur.	13	1 ·09	3 ·77	1	18	Mon.	12	3 ·51	8 ·13	2
23	Wed.	15	3 ·06	27 ·19	3	21	Fri.	14	2 ·01	4 ·72	2	19	Tues.	13	4 ·41	9 ·06	3
24	Thur.	16	4 ·03	1 ·17	4				3 ·92			20	Wed.	14	5 ·32	10 ·00	4
25	Fri.	17	5 ·97	2 ·14	5	22	Sat.	15	4 ·83	5 ·65	3					11 ·96	
26	Sat.	18	6 ·90	3 ·09	6	23	Sun.	16	5 ·73	6 ·58	4	21	Thur.	15	6 ·24	12 ·92	5
27	Sun.	19	7 ·82	4 ·04	7	24	Mon.	17	6 ·63	7 ·51	5	22	Fri.	16	7 ·17	13 ·89	6
			8 ·73	5 ·98		25	Tues.	18	7 ·53	8 ·45	6	23	Sat.	17	8 ·12	14 ·89	7
28	Mon.	20	9 ·63	6 ·91	8	26	Wed.	19	8 ·43	9 ·39	7	24	Sun.	18	9 ·09	15 ·90	8
29	Tues.	21	10 ·53	7 ·84	9	27	Thur.	20	9 ·34	10 ·33	8	25	Mon.	19	10 ·09	16 ·95	9
—30	Wed.	22	11 ·43	8 ·77	10	28	Fri.	21	10 ·26	11 ·28	9	26	Tues.	20	11 ·10	...	10
1	Thur.	23	12 ·33	9 ·71	11	29	Sat.	22	11 ·20	12 ·25	10	27	Wed.	21	12 ·13	17 ·00	11
2	Fri.	24	13 ·25	10 ·66	12	30	Sun.	23	12 ·15	13 ·25	11	28	Thur.	22	13 ·18	18 ·08	12
3	Sat.	25	14 ·17	11 ·62	13	—31	Mon.	24	13 ·12	14 ·25	12	29	Fri.	23	14 ·24	19 ·17	13
4	Sun.	26	**P** ·10	12 ·60	14	1	Tues.	25	14 ·11	15 ·27	13	30	Sat.	24	**P** ·32	20 ·27	14
5	Mon.	27	1 ·06	13 ·59	15	2	Wed.	26	**P** ·13	16 ·31	14	31	Sun.	25	1 ·40	21 ·37	15
6	Tues.	28	2 ·03	14 ·60	16	3	Thur.	27	1 ·16	17 ·38	15	—32	Mon ○	26	2 ·49	22 ·49	16
						4	Fri.	28	2 ·21	18 ·47	16	1	Tues.	27	3 ·56	23 ·59	17
						5	Sat.	29	3 ·27	19 ·57	17	2	Wed.	28	4 ·62	24 ·67	18
						6	Sun.	30	4 ·35	20 ·67	18	3	Thur.	29	5 ·66	25 ·73	19
												4	Fri.	30	6 ·68	26 ·78	20

Naksh:—1. Aśvin. 2. Bhar. 3. Krit 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleah. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1195. Kollam 371, { N. Malabar—Aug. / S. Malabar—July. } Hijra 592. Vikrama 1252.
A—Amāvāsyā. Commences Commences Dec. 6. Bengal San. 601.
P—Paurnimā. (N. Cycle) Siddhārtin.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Sat.	1	*Bahula.* 7 ·67	27 ·81	21	4	Fri.	1	10 ·22	7 ·22	24	5	Wed.	1	13 ·84	14 ·52	26
6	Sun.	2	8 ·65	1 ·82	22		Sat.	2	11 ·12	8 ·15	25	6	Thur.	2	14 ·81	15 ·51	27
7	Mon.	3	9 ·61	2 ·80	23	6	Sun.	3	12 ·02 / 13 ·92	9 ·08	26	7	Fri.	3	—**A** ·80	16 ·52	28
8	Tues.	4	10 ·55	3 ·77	24							8	Sat.	4	1 ·82	17 ·56	29
9	Wed.	5	11 ·48	4 ·72	25	7	Mon.	4	14 ·83	10 ·02 / 11 ·96	27	9	Sun.	5	2 ·86	18 ·61	—30
10	Thur.	6	12 ·39	5 ·67	26							10	Mon.	6	3 ·92	19 ·69	1
11	Fri.	7	13 ·29	6 ·61	27	8	Tues.	5	—**A** ·75	12 ·91	28	11	Tues.	7	4 ·99	20 ·77	2
12	Sat.	8	14 ·19	7 ·54	28	9	Wed.	6	1 ·69	13 ·88	29	12	Wed.	8	... ...	21 ·87	3
			Śukla. **A** ·09			10	Thur.	7	2 ·64	14 ·87	—30	13	Thur.	9	*Śukla.* 5 ·07	22 ·98	4
13	Sun.	9	1 ·99	8 ·47	29	11	Fri.	8	3 ·62	15 ·87	1	14	Fri.	10	6 ·17	... ...	5
14	Mon.	10	2 ·89	9 ·40	—30	12	Sat.	9	4 ·61	16 ·89	2	15	Sat.	11	7 ·26	23 ·09	6
15	Tues.	11	3 ·80	10 ·35	1	13	Sun.	10	5 ·63	17 ·93	3	16	Sun.	12	8 ·33	24 ·19	7
16	Wed.	12	4 ·72	11 ·29	2	14	Mon.	11	6 ·66	18 ·99	4	17	Mon.	13	9 ·39	25 ·28	8
17	Thur.	13	5 ·65	12 ·25	3	15	Tues.	12	7 ·71	... ...	5	18	Tues.	14	10 ·44	26 ·35	9
18	Fri.	14	6 ·60	13 ·22	4	16	Wed.	13	8 ·78	19 ·08	6	19	Wed.	15	11 ·46	27 ·40	10
19	Sat.	15	7 ·57	14 ·21	5	17	Thur.	14	9 ·86	20 ·17	7	20	Thur.	16	12 ·46	1 ·43	11
20	Sun.	16	8 ·57	15 ·22	6	18	Fri.	15	10 ·95	21 ·27	8	21	Fri.	17	13 ·44	2 ·44	12
21	Mon.	17	9 ·58	16 ·26	7	19	Sat.	16	... ...	22 ·38	9	22	Sat.	18	14 ·41	3 ·43	13
22	Tues.	18	10 ·61	17 ·31	8	20	Sun.	17	11 ·03	23 ·49	10	23	Sun.	19	**P** ·35	4 ·40	14
23	Wed.	19	11 ·66	18 ·38	9	21	Mon.	18	12 ·11	24 ·59	11	24	Mon.	20	1 ·28	5 ·35	15
24	Thur.	20	12 ·73	19 ·47	10	22	Tues.	19	13 ·17	25 ·67	12	25	Tues.	21	2 ·20	6 ·31	16
25	Fri.	21	13 ·81	20 ·57	11	23	Wed.	20	14 ·21	26 ·73	13	26	Wed.	22	3 ·11	7 ·24	17
26	Sat.	22	14 ·89	21 ·68	12	24	Thur.	21	**P** ·24	27 ·76	14				4 ·01		
27	Sun.	23	**P** ·97	22 ·79	13	25	Fri.	22	1 ·24	1 ·78	15	27	Thur.	23	5 ·91	8 ·17	18
28	Mon.	24	... ...	23 ·89	14	26	Sat.	23	2 ·23	2 ·78	16	28	Fri.	24	6 ·82	9 ·10	19
29	Tues.	25	1 ·04	24 ·97	15	27	Sun.	24	3 ·19	3 ·76	17					10 ·03	
30	Wed.	26	2 ·10	... ...	16	28	Mon.	25	4 ·13	4 ·73	18	29	Sat.	25	7 ·73	11 ·98	20
31	Thur.	27	3 ·15	25 ·04	17	29	Tues.	26	5 ·06	5 ·68	19	1	Sun.	26	8 ·64	12 ·92	21
32	Fri.	28	4 ·18	26 ·10	18				6 ·98			2	Mon.	27	9 ·57	13 ·88	22
1	Sat.	29	5 ·16	27 ·13	19	30	Wed.	27	7 ·88	6 ·62	20	3	Tues.	28	*Bahula.* 10 ·51	14 ·85	23
2	Sun.	30	6 ·14	1 ·14	20	1	Thur.	28	8 ·78	7 ·55	21	4	Wed.	29	11 ·47	15 ·83	24
3	Mon.	31	7 ·10	2 ·13	21	2	Fri.	29	9 ·68	8 ·49	22	5	Thur.	30	12 ·44	16 ·85	25
						3	Sat.	30	10 ·58	9 ·42	23						
	Aug.						**Oct.**						**Dec.**				
4	Tues.	1	8 ·05	3 ·10	22	4	Sun.	1	11 ·49	10 ·36	24	6	Fri.	1	13 ·45	17 ·88	26
			Bahula. 9 ·98			5	Mon.	2	12 ·40	11 ·30	25	7	Sat.	2	14 ·46	18 ·92	27
5	Wed.	2	10 ·89	4 ·07	23	6	Tues.	3	13 ·32	12 ·24	26	8	Sun.	3	—**A** ·50	19 ·99	28
				5 ·01		7	Wed.	4	14 ·26	13 ·21	27	9	Mon.	4	1 ·56	... ..	29
6	Thur.	3	11 ·79	6 ·94	24	8	Thur.	5	—**A** ·22	14 ·18	28	10	Tues.	5	2 ·63	20 ·07	—30
7	Fri.	4	12 ·69	7 ·88	25	9	Fri.	6	1 ·20	15 ·19	—29	11	Wed.	6	3 ·71	21 ·18	1
8	Sat.	5	13 ·59	8 ·81	26	10	Sat.	7	2 ·19	16 ·21	1	12	Thur.	7	4 ·80	22 ·29	2●
9	Sun.	6	14 ·49	9 ·75	27	11	Sun.	8	3 ·21	17 ·24	2	13	Fri.	8	5 ·90	23 ·39	3
10	Mon.	7	**A** ·39	10 ·68	28	12	Mon.	9	4 ·25	18 ·30	3	14	Sat.	9	6 ·97	24 ·49	4●
11	Tues.	8	1 ·30	11 ·63	—29	13	Tues.	10	*Śukla.* 5 ·30	19 ·38	4	15	Sun.	10	... ...	25 ·58	5
12	Wed.	9	2 ·22	12 ·58	1	14	Wed.	11	6 ·37	20 ·47	5	16	Mon.	11	7 ·03	26 ·66	6
13	Thur.	10	3 ·16	13 ·55	2	15	Thur.	12	7 ·45	21 ·57	6	17	Tues.	12	8 ·08	27 ·72	7
14	Fri.	11	4 ·11	14 ·53	3	16	Fri.	13	8 ·54	22 ·68	7	18	Wed.	13	9 ·10	1 ·77	8
15	Sat.	12	5 ·08	15 ·55	4	17	Sat.	14	9 ·63	23 ·80	8	19	Thur.	14	10 ·10	2 ·76	9
16	Sun.	13	6 ·07	16 ·57	5	18	Sun.	15	10 ·71	24 ·89	9	20	Fri.	15	11 ·09	3 ·75	10
17	Mon.	14	7 ·08	17 ·62	6	19	Mon.	16	11 ·77	25 ·97	10	21	Sat.	16	12 ·05	4 ·73	11
18	Tues.	15	8 ·12	18 ·68	7	20	Tues.	17	12 ·81	... ...	11				13 ·99		
19	Wed.	16	9 ·17	19 ·77	8	21	Wed.	18	13 ·83	26 ·04	12	22	Sun.	17	14 ·92	5 ·69	12
20	Thur.	17	10 ·24	20 ·87	9	22	Thur.	19	14 ·84	27 ·08	13	23	Mon.	18	**P** ·85	6 ·64	13
21	Fri.	18	11 ·32	21 ·98	10	23	Fri.	20	**P** ·82	1 ·10	14	24	Tues.	19	1 ·76	7 ·58	14
22	Sat.	19	12 ·41	... ...	11	24	Sat.	21	1 ·78	2 ·11	15	25	Wed.	20	2 ·66	8 ·51	15
23	Sun.	20	13 ·49	22 ·09	12	25	Sun.	22	2 ·72	3 ·10	16	26	Thur.	21	3 ·56	9 ·44	16
24	Mon.	21	14 ·56	23 ·19	13	26	Mon.	23	3 ·65	4 ·06	17	27	Fri.	22	4 ·46	10 ·38	17
25	Tues.	22	**P** ·62	24 ·28	14	27	Tues.	24	4 ·58	5 ·02	18	28	Sat.	23	5 ·37	11 ·31	18
26	Wed.	23	1 ·66	25 ·36	15					6 ·96		29	Sun.	24	6 ·29	12 ·26	19
27	Thur.	24	2 ·69	26 ·41	16	28	Wed.	25	5 ·48	7 ·90	19	30	Mon.	25	7 ·22	13 ·21	20
28	Fri.	25	3 ·68	27 ·45	17	29	Thur.	26	6 ·38	8 ·83	20	1	Tues.	26	*Bahula.* 8 ·16	14 ·17	21
29	Sat.	26	4 ·66	1 ·46	18	30	Fri.	27	*Bahula.* 7 ·28	9 ·76	21	2	Wed.	27	9 ·12	15 ·17	22
30	Sun.	27	5 ·62	2 ·45	19	1	Sat.	28	8 ·18	10 ·69	22	3	Thur.	28	10 ·09	16 ·17	23
31	Mon.	28	6 ·56	3 ·44	20	2	Sun.	29	9 ·09	11 ·63	23	4	Fri.	29	11 ·09	17 ·19	24
1	Tues.	29	7 ·49	4 ·40	21	3	Mon.	30	10 ·00 / 11 ·93	12 ·59	24	5	Sat.	30	12 ·10	18 ·23	25
2	Wed.	30	8 ·41	5 ·35	22							6	Sun.	31	13 ·14	19 ·29	26
3	Thur.	31	9 ·32	6 ·28	23	4	Tues.	31	12 ·88	13 ·55	25						

Rākshasa. **Karkataka—Ādi.** *Śūnya* 1 *Rajab.* *H.* 591 *Śha'bān.* *H.* 591 *Ramazān.* *H.* 591 *Shawwāl.* *H.* 591 *Zi-l-ka'da.* *H.* 591 *Zi-l-hijja.* *H.* 592 *Muharram.*

Rākshasa. **Simha—Āvaṇi.** *Śūnya* 1 **Bhādrapada** *Śukla.* 2 3 4 5 6 7 8 9 10 11 12 13 14 15 *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Rākshasa. **Tula—Aippaśi.** *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Rākshasa. **Kanyā—Puraṭṭāśi.** *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Rākshasa. **Vṛśchika—Kārttigai.** *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Rākshasa. **Dhanus—Mārgali.** *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Mārgaśīrsha. *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Pausha. *Śūnya* 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1196. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 24·46.** **Śaka 1118.** **Kaliyuga 4297.**
Lunar Eclipse. ○ (Arya Sid.) **March 24·41.** **(S. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
7	Mon.	1	14 ·20	20 ·38	27	8	Fri.	1	—**A** ·84	25 ·50	28	8	Wed.	1	1 ·01 / 2 ·97	4 ·38	—30
8	Tues.	2	—**A** ·28	21 ·48	28	9	Sat.	2	1 ·90	26 ·58	29						
9	Wed.	3	1 ·36	22 ·59	29	10	Sun.	3	2 ·95	27 ·65	—30	9	Thur.	2	3 ·91	5 ·35	1
10	Thur.	4	2 ·45	23 ·69	—30	11	Mon.	4	3 ·97	1 ·70	1	10	Fri.	3	4 ·83	6 ·32	2
11	Fri.	5	3 ·54	24 ·79	1	12	Tues.	5	4 ·96	2 ·73	2	11	Sat.	4	5 ·74	7 ·27	3
12	Sat.	6	4 ·61	25 ·89	2	13	Wed.	6	5 ·94	3 ·74	3	12	Sun.	5	6 ·64	8 ·21	4
13	Sun.	7	5 ·67	26 ·97	3	14	Thur.	7	6 ·90	4 ·72	4	13	Mon.	6	7 ·54	9 ·14	5
14	Mon.	8	6 ·72	... ...	4	15	Fri.	8	7 ·84	5 ·69	5	14	Tues.	7	8 ·41	10 ·07	6
15	Tues.	9	7 ·75	27 ·03	5	16	Sat.	9	8 ·77	6 ·65	6	15	Wed.	8	9 ·34	11 ·01 / 12 ·94	7
16	Wed.	10	8 ·75	1 ·07	6	17	Sun.	10	9 ·69	7 ·60	7						
17	Thur.	11	9 ·73	2 ·08	7	18	Mon.	11	10 ·60	8 ·54	8	16	Thur.	9	10 ·24	13 ·88	8
18	Fri.	12	10 ·69	3 ·08	8	19	Tues.	12	11 ·50	9 ·47	9	17	Fri.	10	11 ·15	14 ·84	9
19	Sat.	13	11 ·64	4 ·07	9	20	Wed.	13	12 ·40	10 ·39	10	18	Sat.	11	12 ·07	15 ·80	10
20	Sun.	14	12 ·57	5 ·03 / 6 ·98	10	21	Thur.	14	13 ·30	11 ·33	11	19	Sun.	12	13 ·01 / 14 ·96	16 ·79	11
21	Mon.	15	13 ·49	7 ·92	11	22	Fri.	15	14 ·20	12 ·26	12						
22	Tues.	16	14 ·40	8 ·85	12	23	Sat.○	16	**P** ·11	13 ·22	13	20	Mon.	13	**P** ·93	17 ·79	12
23	Wed.	17	**P** ·30	9 ·79	13	24	Sun.	17	1 ·04 / 2 ·98	14 ·17	14	21	Tues.	14	1 ·93	18 ·81	13
24	Thur.	18	1 ·20	10 ·72	14	25	Mon.	18	3 ·94	15 ·14	15	22	Wed.	15	2 ·94	19 ·85	14
25	Fri.	19	2 ·10	11 ·65	15	26	Tues.	19	4 ·91	16 ·13	16	23	Thur.	16	3 ·98	20 ·91	15
26	Sat.	20	3 ·00 / 4 ·92	12 ·59	16	27	Wed.	20	5 ·90	17 ·14	17	24	Fri.	17	... ...	21 ·99	16
						28	Thur.	21	6 ·92	18 ·18	18	25	Sat.	18	4 ·03	... ...	17
27	Sun.	21	5 ·85	13 ·54	17	29	Fri.	22	7 ·95	19 ·23	19	26	Sun.	19	5 ·10	22 ·09	18
28	Mon.	22	6 ·79	14 ·51	18	—30	Sat.	23	... ...	20 ·29	20	27	Mon.	20	6 ·18	23 ·19	19
—29	Tues.	23	7 ·75	15 ·49	19	1	Sun.	24	8 ·00	21 ·38	21	28	Tues.	21	7 ·26	24 ·30	20
1	Wed.	24	8 ·73	16 ·49	20	2	Mon.	25	9 ·07	22 ·48	22	29	Wed.	22	8 ·34	25 ·40	21
2	Thur.	25	9 ·72	17 ·50	21	3	Tues.	26	10 ·16	23 ·60	23	30	Thur.	23	9 ·41	26 ·50	22
3	Fri.	26	10 ·74	18 ·54	22	4	Wed.	27	11 ·24	24 ·70	24	31	Fri.	24	10 ·47	27 ·58	23
4	Sat.	27	11 ·78	19 ·60	23	5	Thur.	28	12 ·32	25 ·80	25	—32	Sat.	25	11 ·50	1 ·64	24
5	Sun.	28	12 ·83	20 ·69	24	6	Fri.	29	13 ·40	26 ·89	26	1	Sun.	26	12 ·53	2 ·68	25
6	Mon.	29	13 ·91	21 ·77	25	7	Sat.	30	14 ·46	27 ·96	27	2	Mon.	27	13 ·52	3 ·70	26
7	Tues.	30	... ...	22 ·88	26	8	Sun.	31	—**A** ·50	... ...	28	3	Tues.	28	14 ·49	4 ·70	27
8	Wed.	31	14 ·00	23 ·99	27							4	Wed.	29	—**A** ·45	5 ·69	28
												5	Thur.	30	1 ·39	6 ·66	—29
												6	Fri.	31	2 ·32	7 ·61	1
	Feb.						**April.**						**June.**				
9	Thur.	1	—**A** ·09	... ...	28	9	Mon.	1	1 ·52	1 ·02	—29	7	Sat.	1	3 ·23	8 ·55	2
10	Fri.	2	1 ·17	24 ·10	—29	10	Tues.	2	2 ·52	2 ·05	1	8	Sun.	2	4 ·13	9 ·58	3
11	Sat.	3	2 ·25	25 ·20	1	11	Wed.	3	3 ·50	3 ·06	2	9	Mon.	3	5 ·03 / 6 ·93	10 ·42	4
12	Sun.	4	3 ·30	26 ·28	2	12	Thur.	4	4 ·45	4 ·05	3						
13	Mon.	5	4 ·34	27 ·34	3	13	Fri.	5	5 ·39	5 ·02 / 6 ·99	4	10	Tues.	4	7 ·83	11 ·35	5
14	Tues.	6	5 ·37	1 ·38	4							11	Wed.	5	8 ·73	12 ·28	6
15	Wed.	7	6 ·37	2 ·40	5	14	Sat.	6	6 ·31	7 ·94	5	12	Thur.	6	9 ·64	13 ·22	7
16	Thur.	8	7 ·35	3 ·41	6	15	Sun.	7	7 ·23	8 ·87	6	13	Fri.	7	10 ·56	14 ·17	8
17	Fri.	9	8 ·31	4 ·39	7	16	Mon.	8	8 ·14	9 ·80	7	14	Sat.	8	11 ·50	15 ·14	9
18	Sat.	10	9 ·25	5 ·36	8	17	Tues.	9	9 ·04 / 10 ·94	10 ·73	8	15	Sun.	9	12 ·45	16 ·11	10
19	Sun.	11	10 ·18	6 ·31	9							16	Mon.	10	13 ·42	17 ·11	11
20	Mon.	12	11 ·10	7 ·25	10	18	Wed.	10	11 ·84	11 ·66	9	17	Tues.	11	14 ·41	18 ·12	12
21	Tues.	13	12 ·02 / 13 ·92	8 ·20	11	19	Thur.	11	12 ·74	12 ·61	10	18	Wed.	12	**P** ·42	19 ·16	13
						20	Fri.	12	13 ·64	13 ·55	11	19	Thur.	13	1 ·46	20 ·22	14
22	Wed.	14	14 ·82	9 ·13	12	21	Sat.	13	14 ·57	14 ·50	12	20	Fri.	14	2 ·51	21 ·30	15
23	Thur.	15	**P** ·72	10 ·06 / 11 ·99	13	22	Sun.	14	**P** ·51	15 ·47	13	21	Sat.	15	3 ·58	22 ·39	16
						23	Mon.	15	1 ·47	16 ·45	14	22	Sun.	16	4 ·66	23 ·49	17
24	Fri.	16	1 ·62	12 ·93	14	24	Tues.	16	2 ·44	17 ·47	15	23	Mon.	17	5 ·74	24 ·59	18
25	Sat.	17	2 ·53	13 ·88	15	25	Wed.	17	3 ·44	18 ·49	16	24	Tues.	18	6 ·82	25 ·70	19
26	Sun.	18	3 ·45	14 ·84	16	26	Thur.	18	4 ·45	19 ·54	17	25	Wed.	19	7 ·89	26 ·81	20
27	Mon.	19	4 ·40	15 ·82	17	27	Fri.	19	5 ·47	20 ·60	18	26	Thur.	20	8 ·94	27 ·89	21
28	Tues.	20	5 ·36	16 ·81	18	28	Sat.	20	6 ·53	21 ·68	19	27	Fri.	21	9 ·98	1 ·95	22
29	Wed.	21	6 ·34	17 ·82	19	29	Sun.	21	7 ·60	22 ·78	20	28	Sat.	22	...	2 ·99	23
—30	Thur.	22	7 ·33	18 ·85	20	30	Mon.	22	8 ·68	23 ·89	21	29	Sun.	23	10 ·01	... ...	24
1	Fri.	23	8 ·35	19 ·92	21	—31	Tues.	23	9 ·76	... ...	22						
2	Sat.	24	9 ·38	20 ·99	22	1	Wed.	24	10 ·85	24 ·00	23	30	Mon.	24	11 ·00 / 12 ·98	3 ·02	25
3	Sun.	25	10 ·44	... ...	23	2	Thur.	25	11 ·92	25 ·10	24						
4	Mon.	26	11 ·51	21 ·08	24	3	Fri.	26	12 ·98	26 ·19	25	—31	Tues.	25	13 ·93	4 ·03	26
5	Tues.	27	12 ·59	22 ·18	25	4	Sat.	27	... ...	27 ·28	26	1	Wed.	26	14 ·87	5 ·02 / 6 ·99	27
6	Wed.	28	13 ·68	23 ·29	26	5	Sun.	28	13 ·02	1 ·33	27	2	Thur.	27	—**A** ·79	7 ·94	28
7	Thur.	29	14 ·76	24 ·40	27	6	Mon.	29	14 ·03	2 ·37	28	3	Fri.	28	1 ·70	8 ·88	29
						7	Tues.	30	—**A** ·03	3 ·38	29	4	Sat.	29	2 ·60	9 ·83	—30
												5	Sun.	30	3 ·50	10 ·76	1

Rākshasa. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H. 592 Safar.*
Rākshasa. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H. 592 Rabi-ul awwal.*
Rākshasa. **Mīna—Pangūni.** *Śukla.* **Chaitra.** *Bahula.* *H. 592 Rabi-ul ākhir.*
Anala. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H. 592 Jamāda'l awwal.*
Anala. **Vṛishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H. 592 Jamāda'l ākhir.*
Anala. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H. 592 Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1196. **Kollam 372,** { **N. Malabar—Aug.** **Hijra 593.** **Vikrama 1253.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Nov. 24.** **Bengal San. 602.**
P—Pauruimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
6	Mon.	1	4 ·40	11 ·69	2	5	Sun.	1	8 ·92	18 ·08	5	6	Fri.	1	9 ·37	24 ·09	7
7	Tues.	2	5 ·30	12 ·62	3	6	Mon.	2	9 ·93	19 ·11	6	7	Sat.	2	10 ·46	25 ·20	8
8	Wed.	3	6 ·20	13 ·56	4	7	Tues.	3	10 ·96	20 ·15	7	8	Sun.	3	11 ·54	26 ·32	9
9	Thur.	4	7 ·11	14 ·49	5	8	Wed.	4	... ...	21 ·21	8	9	Mon.	4	12 ·62	27 ·41	10
10	Fri.	5	8 ·03 / 9 ·97	15 ·47	6	9	Thur.	5	11 ·02	22 ·29	9	10	Tues.	5	13 ·68	1 ·49	11
11	Sat.	6	10 ·92	16 ·44	7	10	Fri.	6	12 ·09	23 ·39	10	11	Wed.	6	14 ·72	2 ·57	12
12	Sun.	7	11 ·90	17 ·43	8	11	Sat.	7	13 ·17	24 ·50	11	12	Thur.	7	P ·75	3 ·61	13
13	Mon.	8	12 ·89	18 ·44	9	12	Sun.	8	14 ·26	25 ·60	12	13	Fri.	8	1 ·74	4 ·64	14
14	Tues.	9	13 ·91	19 ·48	10	13	Mon. ○	9	P ·35	26 ·70	13	14	Sat.	9	2 ·78	5 ·66	15
15	Wed.	10	14 ·94	20 ·53	11	14	Tues.	10	1 ·42	27 ·80	14	15	Sun.	10	3 ·69	6 ·64	16
16	Thur.	11	P ·99	21 ·60	12	15	Wed.	11	2 ·48	1 ·89	15	16	Mon.	11	4 ·63	7 ·62	17
17	Fri.	12	... ...	22 ·69	13	16	Thur.	12	3 ·52	2 ·95	16	17	Tues.	12	5 ·56	8 ·57	18
18	Sat.	13	1 ·06	23 ·79	14	17	Fri.	13	4 ·54	3 ·98	17	18	Wed.	13	6 ·48	9 ·52	19
19	Sun.	14	2 ·14	24 ·89	15	18	Sat.	14	5 ·54	... ...	18	19	Thur.	14	7 ·39	10 ·46	20
20	Mon.	15	3 ·22	... ...	16	19	Sun.	15	6 ·52	4 ·00	19	20	Fri.	15	8 ·29	11 ·39	21
21	Tues.	16	4 ·30	25 ·00	17	20	Mon.	16	7 ·48	5 ·00 / 6 ·99	20	21	Sat.	16	9 ·19	12 ·32	22
22	Wed.	17	5 ·37	26 ·11	18	21	Tues.	17	8 ·42	7 ·95	21	22	Sun.	17	10 ·10	13 ·25	23
23	Thur.	18	6 ·43	27 ·19	19	22	Wed.	18	9 ·35	8 ·90	22	23	Mon.	18	11 ·01 / 12 ·92	14 ·19	24
24	Fri.	19	7 ·47	1 ·26	20	23	Thur.	19	10 ·26	9 ·84	23	24	Tues.	19	13 ·85	15 ·14	25
25	Sat.	20	8 ·49	2 ·31	21	24	Fri.	20	11 ·17	10 ·77	24	25	Wed.	20	14 ·79	16 ·10	26
26	Sun.	21	9 ·48	3 ·35	22	25	Sat.	21	12 ·07 / 13 ·97	11 ·70	25	26	Thur.	21	A ·75	17 ·07	27
27	Mon.	22	10 ·46	4 ·36	23							27	Fri.	22	1 ·73	18 ·05	28
28	Tues.	23	11 ·42	5 ·35	24	26	Sun.	22	14 ·87	12 ·64	26	28	Sat.	23	2 ·73	19 ·06	29
29	Wed.	24	12 ·36	6 ·32	25	27	Mon.	23	A ·78	13 ·58	27	29	Sun.	24	3 ·75	20 ·10	1
30	Thur.	25	13 ·28	7 ·28	26	28	Tues.	24	1 ·70	14 ·51	28	30	Mon.	25	4 ·79	21 ·14	2
31	Fri.	26	14 ·19	8 ·23	27	29	Wed.	25	2 ·62	15 ·46	29	1	Tues.	26	5 ·85	22 ·21	3
32	Sat.	27	A ·09 / 1 ·99	9 ·17	28	30	Thur.	26	3 ·56	16 ·43	1	2	Wed.	27	6 ·98	23 ·29	4
1	Sun.	28	2 ·89	10 ·10	29	1	Fri.	27	4 ·52	17 ·41	2	3	Thur.	28	... ...	24 ·39	5
2	Mon.	29	3 ·79	11 ·03 / 12 ·96	1	2	Sat.	28	5 ·49	18 ·41	3	4	Fri.	29	7 ·01	25 ·50	6
3	Tues.	30	4 ·70	13 ·90	2	3	Sun.	29	6 ·49	19 ·42	4	5	Sat.	30	8 ·11	26 ·61	7
4	Wed.	31	5 ·61	14 ·85	3	4	Mon.	30	7 ·50	20 ·46	5						
	Aug.						**Oct.**						**Dec.**				
5	Thur.	1	6 ·53	15 ·80	4	5	Tues.	1	8 ·54	21 ·52	6	6	Sun.	1	9 ·19	27 ·71	8
6	Fri.	2	7 ·46	16 ·77	5	6	Wed.	2	9 ·60	22 ·60	7	7	Mon.	2	10 ·26	1 ·80	9
7	Sat.	3	8 ·42	17 ·75	6	7	Thur.	3	10 ·67	23 ·69	8	8	Tues.	3	11 ·32	2 ·87	10
8	Sun.	4	9 ·40	18 ·76	7	8	Fri.	4	11 ·75	24 ·80	9	9	Wed.	4	12 ·36	3 ·98	11
9	Mon.	5	10 ·38	19 ·79	8	9	Sat.	5	12 ·84	25 ·91	10	10	Thur.	5	13 ·39	4 ·97	12
10	Tues.	6	11 ·40	20 ·84	9	10	Sun.	6	13 ·93	... ...	11	11	Fri.	6	14 ·38	5 ·98	13
11	Wed.	7	12 ·43	21 ·91	10	11	Mon.	7	... ...	26 ·01	12	12	Sat.	7	P ·37	6 ·97	14
12	Thur.	8	13 ·49	22 ·99	11	12	Tues.	8	14 ·00	27 ·11	13	13	Sun.	8	1 ·33	7 ·95	15
13	Fri.	9	14 ·56	... ...	12	13	Wed.	9	P ·06	1 ·19	14	14	Mon.	9	2 ·28	8 ·92	16
14	Sat.	10	P ·65	23 ·09	13	14	Thur.	10	1 ·10	2 ·26	15	15	Tues.	10	3 ·21	9 ·86	17
15	Sun.	11	1 ·73	24 ·20	14	15	Fri.	11	2 ·13	3 ·30	16	16	Wed.	11	4 ·13	10 ·80	18
16	Mon.	12	2 ·81	25 ·31	15	16	Sat.	12	3 ·12	4 ·32	17	17	Thur.	12	5 ·03 / 6 ·93	11 ·73	19
17	Tues.	13	3 ·88	26 ·41	16	17	Sun.	13	4 ·11	5 ·32	18						
18	Wed.	14	4 ·94	27 ·50	17	18	Mon.	14	5 ·07	6 ·30	19	18	Fri.	13	7 ·83	12 ·66	20
19	Thur.	15	5 ·98	1 ·57	18	19	Tues.	15	6 ·01 / 7 ·94	7 ·28	20	19	Sat.	14	8 ·74	13 ·59	21
20	Fri.	16	... ...	2 ·63	19							20	Sun.	15	9 ·65	14 ·54	22
21	Sat.	17	6 ·00	3 ·67	20	20	Wed.	16	8 ·85	8 ·24	21	21	Mon.	16	10 ·56	15 ·47	23
22	Sun.	18	7 ·00 / 8 ·98	4 ·68	21	21	Thur.	17	9 ·76	9 ·18	22	22	Tues.	17	11 ·49	16 ·42	24
						22	Fri.	18	10 ·67	10 ·12	23	23	Wed.	18	12 ·43	17 ·39	25
23	Mon.	19	9 ·93	5 ·67	22	23	Sat.	19	11 ·57	11 ·05 / 12 ·98	24	24	Thur.	19	13 ·39	18 ·38	26
24	Tues.	20	10 ·87	6 ·65	23							25	Fri.	20	14 ·38	19 ·39	27
25	Wed.	21	11 ·79	7 ·62	24	24	Sun.	20	12 ·47	13 ·91	25	26	Sat.	21	A ·37	20 ·41	28
26	Thur.	22	12 ·71	8 ·57	25	25	Mon.	21	13 ·37	14 ·85	26	27	Sun.	22	1 ·40	21 ·45	29
27	Fri.	23	13 ·62	9 ·50	26	26	Tues.	22	14 ·29	15 ·80	27	28	Mon.	23	2 ·44	22 ·52	30
28	Sat.	24	14 ·52	10 ·44	27	27	Wed.	23	A ·22	16 ·77	28	29	Tues.	24	3 ·50	23 ·60	1
29	Sun.	25	A ·42	11 ·37	28	28	Thur.	24	1 ·16	17 ·74	29	1	Wed.	25	4 ·57	24 ·69	2
30	Mon.	26	1 ·32	12 ·29	29	29	Fri.	25	2 ·12	18 ·78	30	2	Thur.	26	5 ·66	25 ·81	3
31	Tues.	27	2 ·22	13 ·24	30	30	Sat.	26	3 ·09	19 ·74	1	3	Fri.	27	6 ·75	26 ·91	4
1	Wed.	28	3 ·13	14 ·18	1	1	Sun.	27	4 ·09	20 ·78	2	4	Sat.	28	7 ·83	... ...	5
2	Thur.	29	4 ·05 / 5 ·99	15 ·13	2	2	Mon.	28	5 ·11	21 ·83	3	5	Sun.	29	8 ·90	27 ·01	6
						3	Tues.	29	6 ·15	22 ·91	4	6	Mon.	30	9 ·97	1 ·11	7
3	Fri.	30	6 ·95	16 ·10	3	4	Wed.	30	7 ·21	23 ·99	5	7	Tues.	31	... ...	2 ·18	8
4	Sat.	31	7 ·92	17 ·08	4	5	Thur.	31	8 ·29	... ...	6						

Anala. **Karkaṭaka—Ādi.** *Sukla.* *Bahula.* **Adhika Śrāvaṇa.** *H. 592 Sha'bān.*

Anala. **Siṁha—Āvaṇi.** *Sukla.* *Bahula.* **Nija Śrāvaṇa.** *H. 592 Ramazān.*

Anala. **Kanyā—Puraṭṭāśi.** *Sukla.* *Bahula.* *H. 592 Shawwāl.*

Anala. **Tulā—Aippaśi.** *Sukla.* *Bahula.* **Āśvina.** *H. 592 Zi-l-ka'da.*

Anala. **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* **Kārtika.** *H. 592 Zi-l-hijja.*

Anala. **Dhanus—Mārgaḷi.** *Sukla.* *Bahula.* **Mārgaśīrsha.** *H. 593 Muharram.*

H. 593 Safar.

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1197. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·71.** **Śaka 1119.** **Kaliyuga 4298.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·66.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
8	Wed. 1	10 ·01	3 ·25	9	8	Sat. 1	10 ·20	8 ·91	9	7	Thur. 1	13 ·66	14 ·22	11
9	Thur. 2	11 ·03	4 ·29	10	9	Sun. 2	11 ·14	9 ·87	10	8	Fri. 2	14 ·56	15 ·16	12
10	Fri. 3	12 ·04	5 ·30	11	10	Mon. 3	12 ·07 / 13 ·99	10 ·81	11	9	Sat. 3	P ·47	16 ·10	13
11	Sat. 4	13 ·02 / 14 ·98	6 ·30	12	11	Tues. 4	14 ·89	11 ·75	12	10	Sun. 4	1 ·40	17 ·05	14
12	Sun. 5	P ·92	7 ·28	13	12	Wed. ○5	P ·79	12 ·68	13	11	Mon. 5	2 ·33	18 ·02	15
13	Mon. 6	1 ·85	8 ·25	14	13	Thur. 6	1 ·69	13 ·61	14	12	Tues. 6	3 ·28	19 ·00	16
14	Tues. 7	2 ·77	9 ·20	15	14	Fri. 7	2 ·59	14 ·55	15	13	Wed. 7	4 ·26	20 ·00	17
15	Wed. 8	3 ·68	10 ·14	16	15	Sat. 8	3 ·50	15 ·48	16	14	Thur. 8	5 ·25	21 ·02	18
16	Thur. 9	4 ·58	11 ·06	17	16	Sun. 9	4 ·42	16 ·43	17	15	Fri. 9	6 ·27	22 ·07	19
17	Fri. 10	5 ·48	12 ·00 / 13 ·94	18	17	Mon. 10	5 ·34	17 ·39	18	16	Sat. 10	7 ·31	23 ·13	20
18	Sat. 11	6 ·38	14 ·86	19	18	Tues. 11	6 ·28	18 ·36	19	17	Sun. 11	8 ·36	24 ·21	21
19	Sun. 12	7 ·29	15 ·81	20	19	Wed. 12	7 ·23	19 ·35	20	18	Mon. 12	9 ·43	25 ·30	22
20	Mon. 13	8 ·21	16 ·76	21	20	Thur. 13	8 ·21	20 ·36	21	19	Tues. 13	10 ·51	26 ·41	23
21	Tues. 14	9 ·14	17 ·72	22	21	Fri. 14	9 ·21	21 ·39	22	20	Wed. 14	11 ·59	27 ·52	24
22	Wed. 15	10 ·08	18 ·70	23	22	Sat. 15	10 ·23	22 ·44	23	21	Thur. 15	12 ·67	1 ·62	25
23	Thur. 16	11 ·04	19 ·71	24	23	Sun. 16	11 ·27	23 ·51	24	22	Fri. 16	13 ·75	2 ·71	26
24	Fri. 17	12 ·02	20 ·72	25	24	Mon. 17	12 ·33	24 ·60	25	23	Sat. 17	14 ·80	3 ·80	27
25	Sat. 18	13 ·01	21 ·75	26	25	Tues. 18	13 ·40	25 ·70	26	24	Sun. 18	—A ·84	4 ·86	28
26	Sun. 19	14 ·03	22 ·80	27	26	Wed. 19	14 ·48	26 ·81	27	25	Mon. 19	1 ·85	5 ·90	—29
27	Mon. 20	—A ·07	23 ·90	28	27	Thur. 20	—A ·56	27 ·92	28	26	Tues. 20	2 ·84	6 ·92	1
28	Tues. 21	1 ·13	... ...	—29	28	Fri. 21	1 ·65	... ...	—29	27	Wed. 21	3 ·82	7 ·92	2
29	Wed. 22	2 ·21	24 ·00	1	29	Sat. 22	2 ·72	1 ·02	1	28	Thur. 22	4 ·77	8 ·90	3
30	Thur. 23	3 ·30	25 ·10	2	30	Sun. 23	3 ·77	2 ·11	2	29	Fri. 23	5 ·71	9 ·87	4
31	Fri. 24	4 ·39	26 ·21	3	31	Mon. 24	4 ·81	3 ·18	3	30	Sat. 24	6 ·64	10 ·82	5
1	Sat. 25	5 ·47	27 ·32	4	1	Tues. 25	5 ·83	4 ·23	4	31	Sun. 25	7 ·55	11 ·77	6
2	Sun. 26	6 ·55	1 ·41	5	2	Wed. 26	6 ·83	5 ·27	5	1	Mon. 26	8 ·45	12 ·70	7
3	Mon. 27	7 ·60	2 ·49	6	3	Thur. 27	7 ·81	6 ·28	6	2	Tues. 27	9 ·35	13 ·63	8
4	Tues. 28	8 ·64	3 ·56	7	4	Fri. 28	8 ·76	7 ·26	7	3	Wed. 28	10 ·24	14 ·56	9
5	Wed. 29	9 ·66	4 ·59	8	5	Sat. 29	9 ·70	8 ·24	8	4	Thur. 29	11 ·14	15 ·50	10
6	Thur. 30	10 ·67	5 ·62	9	6	Sun. 30	10 ·63	9 ·20	9	5	Fri. 30	12 ·04 / 13 ·95	16 ·44	11
7	Thur. 31	11 ·65	6 ·63	10	7	Mon. 31	11 ·54	10 ·15	10	6	Sat. 31	14 ·88	17 ·39	12
	Feb.					**April.**					**June.**			
9	Sat. 1	12 ·61	7 ·61	11	8	Tues. 1	12 ·45	11 ·09	11	7	Sun. 1	P ·82	18 ·35	13
10	Sun. 2	13 ·55	8 ·58	12	9	Wed. 2	13 ·35	12 ·02 / 13 ·95	12	8	Mon. 2	1 ·77	19 ·33	14
11	Mon. 3	14 ·47	9 ·51	13	10	Thur. 3	14 ·25	14 ·89	13	9	Tues. 3	2 ·74	20 ·33	15
12	Tues. 4	P ·39	10 ·47	14	11	Fri. 4	P ·14	15 ·82	14	10	Wed. 4	3 ·73	21 ·34	16
13	Wed. 5	1 ·30	11 ·41	15	12	Sat. 5	1 ·04 / 2 ·96	16 ·77	15	11	Thur. 5	4 ·75	22 ·38	17
14	Thur. 6	2 ·20	12 ·34	16						12	Fri. 6	5 ·78	23 ·44	18
15	Fri. 7	3 ·10	13 ·27	17	13	Sun. 6	3 ·88	17 ·72	16	13	Sat. 7	6 ·84	24 ·51	19
16	Sat. 8	4 ·00 / 5 ·91	14 ·21	18	14	Mon. 7	4 ·82	18 ·69	17	14	Sun. 8	7 ·91	25 ·60	20
17	Sun. 9	6 ·83	15 ·14	19	15	Tues. 8	5 ·78	19 ·68	18	15	Mon. 9	8 ·99	26 ·71	21
18	Mon. 10	7 ·76	16 ·09	20	16	Wed. 9	6 ·76	20 ·68	19	16	Tues. 10	... ...	27 ·82	22
19	Tues. 11	8 ·70	17 ·05	21	17	Thur. 10	7 ·75	21 ·71	20	17	Wed. 11	9 ·07	1 ·92	23
20	Wed. 12	9 ·66	18 ·03	22	18	Fri. 11	8 ·75	22 ·75	21	18	Thur. 12	10 ·15	... ...	24
21	Thur. 13	10 ·63	19 ·03	23	19	Sat. 12	9 ·79	23 ·82	22	19	Fri. 13	11 ·23	2 ·02	25
22	Fri. 14	11 ·63	20 ·04	24	20	Sun. 13	10 ·85	24 ·90	23	20	Sat. 14	12 ·28	3 ·11	26
23	Sat. 15	12 ·65	21 ·08	25	21	Mon. 14	11 ·93	... ...	24	21	Sun. 15	13 ·32	4 ·17	27
24	Sun. 16	13 ·69	22 ·13	26	22	Tues. 15	... ...	25 ·00	25	22	Mon. 16	14 ·33	5 ·22	28
25	Mon. 17	14 ·74	23 ·21	27	23	Wed. 16	12 ·01	26 ·11	26	23	Tues. 17	—A ·32	6 ·24	29
26	Tues. 18	—A ·82	24 ·30	28	24	Thur. 17	13 ·10	27 ·22	27	24	Wed. 18	1 ·30	7 ·25	—30
27	Wed. 19	1 ·91	25 ·40	29	25	Fri. 18	14 ·18	1 ·32	28	25	Thur. 19	2 ·26	8 ·24	1
28	Thur. 20	... ...	26 ·51	—30	26	Sat. 19	—A ·25	2 ·41	29	26	Fri. 20	3 ·19	9 ·21	2
29	Fri. 21	2 ·00	27 ·62	1	27	Sun. 20	1 ·30	3 ·49	—30	27	Sat. 21	4 ·11	10 ·16	3
1	Sat. 22	3 ·08	1 ·72	2	28	Mon. 21	2 ·34	4 ·55	1	28	Sun. 22	5 ·02 / 6 ·92	11 ·11	4
2	Sun. 23	4 ·15	2 ·80	3	29	Tues. 22	3 ·36	5 ·58	2	29	Mon. 23	7 ·82	12 ·04 / 13 ·97	5
3	Mon. 24	5 ·21	3 ·87	4	30	Wed. 23	4 ·35	6 ·60	3					
4	Tues. 25	6 ·25	4 ·92	5	31	Thur. 24	5 ·33	7 ·60	4	30	Tues. 24	8 ·72	14 ·90	6
5	Wed. 26	7 ·26	5 ·95	6	1	Fri. 25	6 ·28	8 ·58	5	31	Wed. 25	9 ·62	15 ·84	7
6	Thur. 27	8 ·26	6 ·96	7	2	Sat. 26	7 ·22	9 ·54	6	32	Thur. 26	10 ·52	16 ·78	8
7	Fri. 28	9 ·24	7 ·94	8	3	Sun. 27	8 ·15	10 ·49	7	1	Fri. 27	11 ·43	17 ·72	9
					4	Mon. 28	9 ·06 / 10 ·96	11 ·43	8	2	Sat. 28	12 ·36	18 ·68	10
					5	Tues. 29	11 ·86	12 ·36	9	3	Sun. 29	13 ·29	19 ·66	11
					6	Wed. 30	12 ·76	13 ·29	10	4	Mon. 30	14 ·24	20 ·65	12

Anala. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *Śafar.* *H.* 593 *Rabi-ul awwal.* *Anala.* **Kumbha—Māśi.** *Sukla.* **Māgha.** *Bahula.* *Rabi-ul awwal.* *H.* 593 *Jamāda'l awwal.* *Piṅgala.* **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *Jamāda'l awwal.* *H.* 593 *Jamāda'l ākhir.* *Anala.* **Mīna—Paṅguni.** *Bahula.* *Phālguna.* *H.* 593 *Rabi-ul ākhir.* *Piṅgala.* **Vṛishabha—Vaigāśi.** *Bahula.* *Vaiśākha.* *H.* 593 *Jamāda'l ākhir.* *Piṅgala.* **Mithuna—Āni.** *Sukla.* **Jyeshṭha.** *Bahula.* *H.* 593 *Rajab.* *Sukla.* **Āshādha.** *H.* 593 *Sha'bān.*

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1197. **Kollam 373,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 594.** Commences **Nov. 13.** **Vikrama 1254.** **Bengal San. 603.** **(N. Cycle) Durmati.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Tues.	1	P ·22	21 ·65	13	5	Mon.	1	Bhād. 3 ·58	1 ·82	16	6	Sat.	1	4 ·03	7 ·86	18
6	Wed.	2	1 ·22	22 ·69	14	6	Tues.	2	4 ·66	2 ·93	17	7	Sun.	2	5 ·04	8 ·87	19
7	Thur.	3	2 ·23	23 ·74	15	7	Wed.	3	5 ·73	... ...	18				6 ·01		
8	Fri.	4	3 ·26	24 ·82	16	8	Thur.	4	6 ·79	3 ·02	19	8	Mon.	3	7 ·97	9 ·86	20
9	Sat.	5	4 ·32	25 ·91	17	9	Fri.	5	7 ·83	4 ·10	20	9	Tues.	4	8 ·91	10 ·83	21
10	Sun.	6	5 ·39	... ...	18	10	Sat.	6	8 ·85	5 ·16	21	10	Wed.	5	9 ·84	11 ·79	22
11	Mon.	7	6 ·47	26 ·01	19	11	Sun.	7	9 ·84	6 ·20	22	11	Thur.	6	10 ·76	12 ·74	23
12	Tues.	8	7 ·55	27 ·12	20	12	Mon.	8	Bahula. 10 ·82	7 ·22	23	12	Fri.	7	11 ·67	13 ·67	24
13	Wed.	9	8 ·64	1 ·22	21	13	Tues.	9	11 ·78	8 ·22	24	13	Sat.	8	12 ·57	14 ·61	25
14	Thur.	10	9 ·71	2 ·32	22	14	Wed.	10	12 ·72	9 ·20	25	14	Sun.	9	13 ·47	15 ·54	26
15	Fri.	11	10 ·76	3 ·41	23	15	Thur.	11	13 ·64	10 ·17	26	15	Mon.	10	14 ·37	16 ·47	27
16	Sat.	12	11 ·80	4 ·48	24	16	Fri.	12	14 ·55	11 ·12	27	16	Tues.	11	—A ·28	17 ·41	28
17	Sun.	13	12 ·81	5 ·53	25	17	Sat. ●	13	—A ·46	12 ·06	28	17	Wed.	12	1 ·20	18 ·35	—29
18	Mon.	14	13 ·80	6 ·56	26					13 ·99		18	Thur.	13	2 ·13	19 ·31	1
19	Tues.	15	14 ·78	7 ·57	27	18	Sun.	14	1 ·36	14 ·93	—29	19	Fri.	14	3 ·07	20 ·28	2
20	Wed.	16	—A ·74	8 ·56	28	19	Mon.	15	2 ·26	15 ·86	1	20	Sat.	15	4 ·03	21 ·27	3
21	Thur.	17	1 ·67	9 ·52	—29	20	Tues.	16	3 ·16	16 ·79	2	21	Sun.	16	5 ·01	22 ·28	4
22	Fri.	18	2 ·59	10 ·50	1	21	Wed.	17	4 ·07	17 ·73	3	22	Mon.	17	6 ·02	23 ·31	5
23	Sat.	19	3 ·50	11 ·44	2				5 ·98			23	Tues.	18	7 ·04	24 ·36	6
24	Sun.	20	4 ·40	12 ·38	3	22	Thur.	18	6 ·90	18 ·68	4	24	Wed.	19	8 ·08	25 ·42	7
25	Mon.	21	5 ·30	13 ·31	4	23	Fri.	19	7 ·85	19 ·65	5	25	Thur.	20	9 ·14	26 ·51	8
26	Tues.	22	6 ·20	14 ·24	5	24	Sat.	20	8 ·81	20 ·63	6	26	Fri.	21	10 ·22	27 ·61	9
27	Wed.	23	7 ·10	15 ·18	6	25	Sun.	21	9 ·80	21 ·62	7	27	Sat.	22	11 ·30	1 ·72	10
28	Thur.	24	8 ·00	16 ·11	7	26	Mon.	22	10 ·80	22 ·64	8	28	Sun.	23	12 ·39	2 ·83	11
			9 ·92			27	Tues.	23	11 ·82	23 ·68	9	29	Mon.	24	13 ·48	3 ·93	12
29	Fri.	25	10 ·85	17 ·06	8	28	Wed.	24	12 ·85	24 ·74	10	—30	Tues.	25	14 ·55	... ...	13
				18 ·02		29	Thur.	25	13 ·90	25 ·82	11	1	Wed.	26	P ·60	4 ·02	14
30	Sat.	26	11 ·78	19 ·99	9	30	Fri.	26	14 ·98	26 ·91	12	2	Thur.	27	1 ·65	5 ·10	15
—31	Sun.	27	12 ·73	20 ·97	10	—31	Sat.	27	... ...	... ...	13	3	Fri.	28	2 ·67	6 ·15	16
1	Mon.	28	13 ·71	21 ·98	11	1	Sun.	28	P ·06	27 ·01	14	4	Sat.	29	3 ·67	7 ·18	17
2	Tues.	29	14 ·71	... ...	12	2	Mon.	29	1 ·15	1 ·12	15	5	Sun.	30	4 ·65	8 ·20	18
3	Wed.	30	P ·72	22 ·01	13	3	Tues.	30	2 ·23	2 ·23	16						
4	Thur.	31	1 ·76	23 ·06	14												
	Aug.						**Oct.**						**Dec.**				
5	Fri.	1	2 ·82	24 ·12	15	4	Wed.	1	3 ·31	3 ·33	17	6	Mon.	1	5 ·61	9 ·19	19
6	Sat.	2	3 ·89	25 ·20	16	5	Thur.	2	4 ·36	4 ·41	18	7	Tues.	2	6 ·55	10 ·17	20
7	Sun.	3	4 ·97	26 ·31	17	6	Fri.	3	5 ·41	5 ·47	19	8	Wed.	3	7 ·48	11 ·13	21
8	Mon.	4	... ...	27 ·41	18	7	Sat.	4	6 ·43	6 ·52	20	9	Thur.	4	8 ·40	12 ·07	22
9	Tues.	5	5 ·05	1 ·51	19	8	Sun.	5	7 ·42	7 ·54	21	10	Fri.	5	9 ·31	13 ·01	23
10	Wed.	6	6 ·13	2 ·62	20	9	Mon.	6	Bahula. 8 ·40	8 ·55	22					14 ·94	
11	Thur.	7	7 ·20	3 ·72	21	10	Tues.	7	9 ·35	9 ·53	23	11	Sat.	6	10 ·21	15 ·88	24
12	Fri.	8	8 ·26	4 ·79	22	11	Wed.	8	10 ·29	10 ·50	24	12	Sun.	7	11 ·11	16 ·81	25
13	Sat.	9	9 ·30	5 ·85	23	12	Thur.	9	11 ·22	11 ·45	25	13	Mon.	8	12 ·01	17 ·75	26
14	Sun.	10	10 ·32	6 ·88	24	13	Fri.	10	12 ·14	12 ·40	26				13 ·92		
15	Mon.	11	11 ·31	7 ·90	25	14	Sat.	11	13 ·05	13 ·34	27	14	Tues.	9	14 ·84	18 ·69	27
16	Tues.	12	12 ·27	8 ·89	26				14 ·95			15	Wed.	10	—A ·77	19 ·64	28
17	Wed.	13	13 ·23	9 ·87	27	15	Sun.	12	—A ·85	14 ·27	28	16	Thur.	11	1 ·71	20 ·61	29
18	Thur.	14	14 ·17	10 ·83	28	16	Mon.	13	1 ·75	15 ·20	29	17	Fri.	12	2 ·68	21 ·60	—30
19	Fri.	15	—A ·10	11 ·78	29	17	Tues.	14	2 ·66	16 ·13	—30	18	Sat.	13	3 ·66	22 ·60	1
20	Sat.	16	1 ·01	12 ·72	—30	18	Wed.	15	3 ·57	17 ·07	1	19	Sun.	14	4 ·66	23 ·62	2
			2 ·92							18 ·02		20	Mon.	15	5 ·68	24 ·67	3
21	Sun.	17	3 ·82	13 ·65	1	19	Thur.	16	4 ·50	19 ·98	2	21	Tues.	16	6 ·73	25 ·73	4
22	Mon.	18	4 ·72	14 ·59	2	20	Fri.	17	5 ·45	20 ·95	3	22	Wed.	17	7 ·79	26 ·82	5
23	Tues.	19	5 ·62	15 ·52	3	21	Sat.	18	Śukla. 6 ·41	21 ·95	4	23	Thur.	18	8 ·87	27 ·91	6
24	Wed.	20	6 ·52	16 ·45	4	22	Sun.	19	7 ·39	22 ·96	5	24	Fri.	19	9 ·96	... ...	7
25	Thur.	21	7 ·43	17 ·40	5	23	Mon.	20	8 ·38	23 ·99	6	25	Sat.	20	... ...	1 ·02	8
26	Fri.	22	8 ·35	18 ·35	6	24	Tues.	21	9 ·41	... ...	7	26	Sun.	21	10 ·04	2 ·13	9
27	Sat.	23	9 ·30	19 ·32	7	25	Wed.	22	10 ·45	24 ·05	8	27	Mon.	22	11 ·12	3 ·23	10
28	Sun.	24	10 ·26	20 ·30	8	26	Thur.	23	11 ·51	25 ·12	9	28	Tues.	23	12 ·20	4 ·33	11
29	Mon.	25	11 ·24	21 ·30	9	27	Fri.	24	12 ·58	26 ·21	10	—29	Wed.	24	13 ·26	5 ·40	12
30	Tues.	26	12 ·23	22 ·32	10	28	Sat.	25	13 ·67	27 ·31	11	1	Thur.	25	14 ·30	6 ·46	13
—31	Wed.	27	13 ·24	23 ·37	11	—29	Sun.	26	14 ·76	1 ·42	12	2	Fri.	26	P ·32	7 ·50	14
1	Thur.	28	14 ·29	24 ·43	12	1	Mon.	27	Kārttika. P ·84	2 ·53	13	3	Sat.	27	1 ·32	8 ·52	15
2	Fri. ○	29	P ·35	25 ·51	13	2	Tues.	28	1 ·92	3 ·63	14	4	Sun.	28	2 ·30	9 ·52	16
3	Sat.	30	1 ·42	26 ·61	14	3	Wed.	29	2 ·98	4 ·71	15	5	Mon.	29	3 ·26	10 ·50	17
4	Sun.	31	2 ·50	27 ·71	15	4	Thur.	30	... ...	5 ·78	16	6	Tues.	30	4 ·20	11 ·46	18
						5	Fri.	31	3 ·02	6 ·84	17	7	Wed.	31	5 ·13	12 ·41	19

Piṅgala. **Karkaṭaka—Ādi.** *Śaka* 1919 *Śrāvaṇa.* *Śaka* 1919 *Bhādrapada.* *Śaka* 1919 *Āśvina.* *Śaka* 1919 *Kārttika.* *Śaka* 1919 *Mārgaśirsha.* *Śaka* 1919 *Pausha.* *Śaka* 1919

Piṅgala. **Siṁha—Āvaṇi.** *H.* 593 *Ramazān.* *H.* 593 *Shawwāl.* *H.* 593 *Zi-l-ka'da.* *H.* 593 *Zi-l-ḥijja.* *H.* 594 *Muharram.* *H.* 594 *Safar.*

Piṅgala. **Kanyā—Puraṭṭāsi.** *Piṅgala.* **Tulā—Āippasi.** *Piṅgala.* **Vṛśchika—Kārttigai.** *Piṅgala.* **Dhanus—Margali.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1198. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 24·97.** **Śaka 1120.** **Kaliyuga 4299.**
Lunar Eclipse. ○ **(Arya Sid.) March 24·92.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
						7	Sun.	1	7 ·79	18 ·70	20	7	Fri.	1	9 ·58	24 ·24	22
8	Thur.	1	6 ·04 / 7 ·95	13 ·35	20	8	Mon.	2	8 ·71	19 ·65	21	8	Sat.	2	10 ·60	25 ·28	23
9	Fri.	2	8 ·86	14 ·28	21	9	Tues.	3	9 ·64	20 ·61	22	9	Sun.	3	11 ·63	26 ·34	24
10	Sat.	3	9 ·76	15 ·22	22	10	Wed.	4	10 ·58	21 ·58	23	10	Mon.	4	12 ·69	27 ·43	25
11	Sun.	4	10 ·66	16 ·15	23	11	Thur.	5	11 ·54	22 ·57	24	11	Tues.	5	13 ·76	1 ·52	26
12	Mon.	5	11 ·57	17 ·09	24	12	Fri.	6	12 ·52	23 ·58	25	12	Wed.	6	14 ·85	2 ·63	27
				18 ·02 / 19 ·98		13	Sat.	7	13 ·51	24 ·61	26	13	Thur.	7	—A ·93	3 ·73	28
13	Tues.	6	12 ·49		25	14	Sun.	8	14 ·54	25 ·66	27	14	Fri.	8	:: ...	4 ·84	—29
14	Wed.	7	13 ·42	20 ·94	26	15	Mon.	9	—A ·58	26 ·73	28	15	Sat.	9	1 ·01	5 ·94	1
15	Thur.	8	14 ·36	21 ·92	27	16	Tues.	10	1 ·64	27 ·81	—29	16	Sun.	10	2 ·08	... ...	2
16	Fri.	9	—A ·32	22 ·92	28	17	Wed.	11	2 ·71	1 ·92	1	17	Mon.	11	3 ·14	6 ·02	3
17	Sat.	10	1 ·30	23 ·95	—29	18	Thur.	12	3 ·79	... .	2	18	Tues.	12	4 ·16	7 ·08	4
18	Sun.	11	2 ·30	24 ·99	1	19	Fri.	13	4 ·88	2 ·03	3	19	Wed.	13	5 ·17	8 ·12	5
19	Mon.	12	3 ·33	... .	2	20	Sat.	14	5 ·96	3 ·14	4	20	Thur.	14	6 ·17	9 ·14	6
20	Tues.	13	4 ·37	25 ·04	3	21	Sun.	15	:: ...	4 ·24	5	21	Fri.	15	7 ·13	10 ·14	7
21	Wed.	14	5 ·43	26 ·12	4	22	Mon.	16	6 ·03	5 ·32	6	22	Sat.	16	8 ·09	11 ·12	8
22	Thur.	15	6 ·51	27 ·21	5	23	Tues.	17	7 ·09	6 ·40	7				9 ·03		
23	Fri.	16	7 ·59	1 ·32	6	24	Wed.	18	8 ·13	7 ·45	8	23	Sun.	17	10 ·95	12 ·09	9
24	Sat.	17	8 ·69	2 ·43	7	25	Thur.	19	9 ·14	8 ·48	9					13 ·04	
25	Sun.	18	9 ·77	3 ·53	8	26	Fri.	20	10 ·14	9 ·49	10	24	Mon.	18	11 ·86	14 ·98	10
26	Mon.	19	10 ·84	4 ·63	9	27	Sat.	21	11 ·11	10 ·48	11	25	Tues.	19	12 ·76	15 ·92	11
27	Tues.	20	11 ·90	5 ·71	10	28	Sun.	22	12 ·07	11 ·45	12	26	Wed.	20	13 ·66	16 ·85	12
28	Wed.	21	12 ·94	6 ·78	11				13 ·01 / 14 ·93	12 ·42		27	Thur.	21	14 ·56	17 ·78	13
29	Thur.	22	13 ·96	7 ·82	12	29	Mon.	23			13	28	Fri.	22	P ·46	18 ·71	14
—30	Fri.	23	14 ·95	8 ·84	13	—30	Tues.	24	P ·84	13 ·37	14	29	Sat.	23	1 ·36	19 ·66	15
1	Sat.	24	P ·93	9 ·84	14	1	Wed.	25	1 ·74	14 ·30	15	30	Sun.	24	2 ·28	20 ·61	16
2	Sun.	25	1 ·89	10 ·83	15	2	Thur.	26	2 ·64	15 ·24	16	—31	Mon.	25	3 ·20	21 ·57	17
3	Mon.	26	2 ·83	11 ·79	16	3	Fri.	27	3 ·54	16 ·17	17	1	Tues.	26	4 ·14	22 ·55	18
4	Tues.	27	3 ·76	12 ·75	17	4	Sat.	28	4 ·44	17 ·09	18	2	Wed.	27	5 ·09	23 ·54	19
5	Wed.	28	4 ·67	13 ·69	18					18 ·04		3	Thur.	28	6 ·06	24 ·56	20
6	Thur.	29	5 ·58	14 ·63	19	5	Sun.	29	5 ·35	19 ·98	19	4	Fri.	29	7 ·06	25 ·61	21
7	Fri.	30	6 ·49	15 ·56	20	6	Mon.	30	6 ·26	20 ·94	20	5	Sat.	30	8 ·08	26 ·65	22
8	Sat.	31	7 ·39	16 ·49	21	7	Tues.	31	7 ·19	21 ·91	21	6	Sun.	31	9 ·12	27 ·73	23
	Feb.						**April.**						**June.**				
9	Sun.	1	8 ·29	17 ·42	22	8	Wed.	1	8 ·18	22 ·89	22	7	Mon.	1	10 ·18	1 ·82	24
10	Mon.	2	9 ·20	18 ·36	23	9	Thur.	2	9 ·09	23 ·90	23	8	Tues.	2	11 ·25	2 ·93	25
11	Tues.	3	10 ·11	19 ·31	24	10	Fri.	3	10 ·07	24 ·92	24	9	Wed.	3	12 ·33	... ...	26
			11 ·03 / 12 ·98			11	Sat.	4	11 ·05	25 ·97	25	10	Thur.	4	13 ·41	3 ·03	27
12	Wed.	4		20 ·27	25	12	Sun.	5	12 ·08	... ...	26	11	Fri.	5	14 ·49	4 ·14	28
13	Thur.	5	13 ·94	21 ·25	26	13	Mon.	6	13 ·12	26 ·04	27	12	Sat.	6	—A ·56	5 ·24	29
14	Fri.	6	14 ·93	22 ·24	27	14	Tues.	7	14 ·18	27 ·12	28	13	Sun.	7	1 ·61	6 ·32	—30
15	Sat. ●	7	—A ·93	23 ·26	28	15	Wed.	8	—A ·25	1 ·22	29	14	Mon.	8	2 ·64	7 ·39	1
16	Sun.	8	1 ·95	24 ·30	29	16	Thur.	9	1 ·34	2 ·33	—30	15	Tues.	9	3 ·66	8 ·45	2
17	Mon	9	2 ·99	25 ·35	—30	17	Fri.	10	2 ·43	3 ·44	1	16	Wed.	10	4 ·64	9 ·46	3
18	Tues.	10	:: ...	26 ·43	1	18	Sat.	11	3 ·51	4 ·54	2	17	Thur.	11	5 ·62	10 ·47	4
19	Wed.	11	3 ·05	27 ·52	2	19	Sun.	12	4 ·57	5 ·63	3	18	Fri.	12	6 ·57	11 ·45	5
20	Thur.	12	4 ·13	1 ·62	3	20	Mon.	13	5 ·62	6 ·71	4	19	Sat.	13	7 ·51	12 ·42	6
21	Fri.	13	5 ·21	2 ·73	4	21	Tues.	14	6 ·66	7 ·76	5	20	Sun.	14	8 ·43	13 ·38	7
22	Sat.	14	6 ·30	3 ·84	5	22	Wed.	15	7 ·67	8 ·80	6	21	Mon.	15	9 ·34	14 ·32	8
23	Sun.	15	7 ·38	4 ·94	6	23	Thur.	16	8 ·67	9 ·83	7	22	Tues.	16	10 ·24	15 ·26	9
24	Mon.	16	8 ·45	... ...	7	24	Fri.	17	9 ·64	10 ·81	8	23	Wed.	17	11 ·14	16 ·19	10
25	Tues.	17	9 ·51	5 ·02	8	25	Sat.	18	10 ·59	11 ·79	9				12 ·04		
26	Wed.	18	10 ·55	6 ·09	9	26	Sun.	19	11 ·53	12 ·75	10	24	Thur.	18	13 ·94	17 ·12	11
27	Thur.	19	11 ·57	7 ·13	10	27	Mon.	20	12 ·45	13 ·70	11					18 ·05	
28	Fri.	20	12 ·56	8 ·16	11	28	Tues.	21	13 ·37	14 ·64	12	25	Fri.	19	14 ·84	19 ·99	12
29	Sat.	21	13 ·54	9 ·17	12	29	Wed.	22	14 ·27	15· ··	13	26	Sat.	20	P ·75	20 ·94	13
—30	Sun.	22	14 ·50	10 ·16	13	30	Thur.	23	P ·17	16 ·51	14	27	Sun.	21	1 ·67	21 ·90	14
1	Mon.○	23	P ·44	11 ·12	14				1 ·07			28	Mon.	22	2 ·61	22 ·87	15
2	Tues.	24	1 ·36	12 ·08	15	—31	Fri.	24	2 ·97	17 ·44	15	29	Tues.	23	3 ·57	23 ·87	16
				13 ·03 / 14 ·97		1	Sat.	25	3 ·87	18 ·38	16	30	Wed.	24	4 ·55	24 ·88	17
3	Wed.	25	2 ·28		16	2	Sun.	26	4 ·78	19 ·32	17	31	Thur.	25	5 ·54	25 ·91	18
4	Thur	26	3 ·18	15 ·90	17	3	Mon.	27	5 ·70	20 ·27	18	—32	Fri.	26	6 ·55	26 ·96	19
			4 ·08			4	Tues.	28	6 ·64	21 ·24	19	1	Sat.	27	7 ·59	... ...	20
5	Fri.	27	5 ·98	16 ·83	18	5	Wed.	29	7 ·60	22 ·22	20	2	Sun.	28	8 ·65	27 ·04	21
6	Sat.	28	6 ·88	17 ·76	19	6	Thur.	30	8 ·58	23 ·22	21	3	Mon.	29	9 ·72	1 ·12	22
												4	Tues.	30	10 ·80	2 ·22	23

Pingala. **Makara—Māgha.** *Sukla.* *Bahula.* *H. 594 Safar.*
Pingala. **Kumbha—Māsi.** *Sukla.* *Bahula.* *H. 594 Rabi-ul awwal.*
Pingala. **Phālguna.** *Sukla.* *H. 594 Rabi-ul ākhir.*
Pingala. **Mīna—Pāngruni.** *Sukla.* *Bahula.* *H. 594 Jamāda'l awwal.*
Kālayukta. **Mēsha—Chittirai.** *Sukla.* *Bahula.* *H. 594 Jamāda'l ākhir.*
Kālayukta. **Vrishabha—Vaigāsi.** *Sukla.* *Bahula.* *H. 594 Rajab.*
Kālayukta. **Mithuna—Āni.** *Sukla.* *Bahula.* *H. 594 Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1198. **Kollam 374,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 595.** **Vikrama 1255.**
A—Amāvāsyā. Commences Commences **Nov. 3.** **Bengal San. 604.**
P—Paurnimā. **(N. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
5	Wed.	1	11 ·89	3 ·33	24	5	Tues.	1	13 ·15	10 ·44	27	5	Sun.	1	1 ·85	17 ·82	29
6	Thur.	2	12 ·97	4 ·44	25	6	Wed.	2	14 ·12	11 ·43	28	6	Mon.	2	2 ·75	18 ·75	—30
7	Fri.	3	... ...	5 ·54	26	7	Thur.	3	—A ·08	12 ·42	—29	7	Tues.	3	3 ·65	19 ·69	1
8	Sat.	4	13 ·04	6 ·63	27	8	Fri.	4	1 ·02	13 ·38	1	8	Wed.	4	4 ·56	20 ·62	2
9	Sun.	5	14 ·09	7 ·70	28				2 ·94			9	Thur.	5	5 ·48	21 ·57	3
10	Mon.	6	—A ·12	8 ·75	—29	9	Sat.	5	3 ·86	14 ·33	2	10	Fri.	6	6 ·41	22 ·53	4
11	Tues.	7	1 ·14	9 ·78	1	10	Sun.	6	4 ·76	15 ·28	3	11	Sat.	7	7 ·36	23 ·50	5
12	Wed.	8	2 ·12	10 ·79	2	11	Mon.	7	5 ·66	16 ·21	4	12	Sun.	8	8 ·32	24 ·49	6
13	Thur.	9	3 ·10	11 ·78	3	12	Tues.	8	6 ·56	17 ·14	5	13	Mon.	9	9 ·31	25 ·50	7
14	Fri.	10	4 ·05	12 ·75	4	13	Wed.	9	7 ·46	18 ·07	6	14	Tues.	10	10 ·30	26 ·53	8
			5 ·99							19 ·01		15	Wed.	11	11 ·32	27 ·57	9
15	Sat.	11	6 ·91	13 ·71	5	14	Thur.	10	8 ·37	20 ·95	7	16	Thur.	12	12 ·37	1 ·67	10
16	Sun.	12	7 ·82	14 ·66	6	15	Fri.	11	9 ·28	21 ·90	8	17	Fri.	13	13 ·43	2 ·73	11
17	Mon.	13	8 ·72	15 ·60	7	16	Sat.	12	10 ·21	22 ·87	9	18	Sat.	14	14 ·51	3 ·83	12
18	Tues.	14	9 ·62	16 ·53	8	17	Sun.	13	11 ·15	23 ·84	10	19	Sun.	15	P ·59	4 ·94	13
19	Wed.	15	10 ·52	17 ·46	9	18	Mon.	14	12 ·11	24 ·84	11	20	Mon.	16	1 ·69	... ...	14
20	Thur.	16	11 ·42	18 ·39	10	19	Tues.	15	13 ·09	25 ·86	12	21	Tues.	17	2 ·77	5 ·04	15
21	Fri.	17	12 ·33	19 ·33	11	20	Wed.	16	14 ·09	26 ·89	13	22	Wed.	18	3 ·84	6 ·14	16
22	Sat.	18	13 ·24	20 ·27	12	21	Thur.	17	P ·11	27 ·96	14	23	Thur.	19	4 ·90	7 ·24	17
23	Sun.	19	14 ·16	21 ·23	13	22	Fri.	18	1 ·15	... ...	15	24	Fri.	20	5 ·94	8 ·31	18
24	Mon.	20	P ·10	22 ·20	14	23	Sat.	19	2 ·21	1 ·03	16	25	Sat.	21	6 ·96	9 ·37	19
25	Tues.	21	1 ·05	23 ·19	15	24	Sun.	20	3 ·28	2 ·13	17	26	Sun.	22	7 ·95	10 ·40	20
26	Wed.	22	2 ·03	24 ·20	16	25	Mon.	21	4 ·37	3 ·23	18	27	Mon.	23	8 ·93	11 ·41	21
27	Thur.	23	3 ·02	25 ·23	17	26	Tues.	22	5 ·46	4 ·34	19	28	Tues.	24	9 ·89	12 ·41	22
28	Fri.	24	4 ·05	26 ·27	18	27	Wed.	23	6 ·55	5 ·45	20	—29	Wed.	25	10 ·84	13 ·38	23
29	Sat.	25	5 ·09	27 ·34	19	28	Thur.	24	7 ·62	6 ·54	21	1	Thur.	26	11 ·76	14 ·34	24
30	Sun.	26	6 ·15	1 ·43	20	29	Fri.	25	8 ·68	7 ·63	22	2	Fri.	27	12 ·67	15 ·29	25
—31	Mon.	27	7 ·21	2 ·53	21	30	Sat.	26	9 ·71	8 ·69	23	3	Sat.	28	13 ·58	16 ·23	26
1	Tues.	28	8 ·29	3 ·63	22	—31	Sun.	27	10 ·72	9 ·74	24	4	Sun.	29	14 ·48	17 ·16	27
2	Wed.	29	9 ·38	4 ·74	23	1	Mon.	28	11 ·72	10 ·76	25	5	Mon.	30	—A ·38	18 ·09	28
3	Thur.	30	10 ·46	5 ·84	24	2	Tues.	29	12 ·69	11 ·76	26						
4	Fri.	31	11 ·53	6 ·93	25	3	Wed.	30	13 ·65	12 ·75	27						
	Aug.						**Oct.**						**Dec.**				
5	Sat.	1	12 ·58	... ...	26	4	Thur.	1	14 ·59	13 ·72	28	6	Tues.	1	1 ·29	19 ·03	29
6	Sun.	2	13 ·62	7 ·01	27	5	Fri.	2	—A ·52	14 ·67	29					20 ·96	
7	Mon.	3	14 ·63	8 ·06	28	6	Sat.	3	1 ·43	15 ·62	—30	7	Wed.	2	2 ·20	21 ·89	—30
8	Tues.	4	—A ·62	9 ·10	29	7	Sun.	4	2 ·34	16 ·55	1	8	Thur.	3	3 ·12	22 ·86	1
9	Wed.	5	1 ·60	10 ·12	—30	8	Mon.	5	3 ·24	17 ·48	2	9	Fri.	4	4 ·05	23 ·83	2
10	Thur.	6	2 ·55	11 ·11	1	9	Tues.	6	4 ·14	18 ·41	3	10	Sat.	5	5 ·00	24 ·81	3
11	Fri.	7	3 ·49	12 ·08	2	10	Wed.	7	5 ·04	19 ·35	4				6 ·96		
				13 ·05					6 ·95			11	Sun.	6	7 ·95	25 ·82	4
12	Sat.	8	4 ·41	14 ·99	3	11	Thur.	8	7 ·87	20 ·29	5	12	Mon.	7	8 ·94	26 ·84	5
13	Sun.	9	5 ·33	15 ·93	4	12	Fri.	9	8 ·80	21 ·23	6	13	Tues.	8	9 ·97	27 ·89	6
14	Mon.	10	6 ·23	16 ·87	5	13	Sat.	10	9 ·74	22 ·20	7	14	Wed.	9	... ...	1 ·95	7
15	Tues.	11	7 ·18	17 ·80	6	14	Sun.	11	10 ·70	23 ·17	8	15	Thur.	10	10 ·02	... ...	8
16	Wed.	12	8 ·02	18 ·73	7	15	Mon.	12	11 ·68	24 ·16	9	16	Fri.	11	11 ·08	2 ·03	9
			9 ·92			16	Tues.	13	12 ·68	25 ·18	10	17	Sat.	12	12 ·16	3 ·13	10
17	Thur.	13	10 ·83	19 ·57	8	17	Wed.	14	13 ·70	26 ·21	11	18	Sun.	13	13 ·25	4 ·24	11
18	Fri.	14	11 ·74	20 ·61	9	18	Thur.	15	14 ·75	27 ·27	12	19	Mon.	14	14 ·34	5 ·34	12
19	Sat.	15	12 ·67	21 ·57	10	19	Fri.	16	P ·81	.1 ·34	13	20	Tues.	15	P ·42	6 ·45	13
20	Sun.	16	13 ·61	22 ·53	11	20	Sat.	17	1 ·89	2 ·43	14	21	Wed.	16	1 ·49	7 ·54	14
21	Mon.	17	14 ·57	23 ·53	12	21	Sun.	18	2 ·97	3 ·53	15	22	Thur.	17	2 ·55	8 ·62	15
22	Tues.	18	P ·55	24 ·52	13	22	Mon.	19	... ...	4 ·64	16	23	Fri.	18	3 ·59	9 ·68	16
23	Wed.	19	1 ·53	25 ·54	14	23	Tues.	20	3 ·06	5 ·75	17	24	Sat.	19	4 ·60	10 ·72	17
24	Thur.	20	2 ·56	26 ·58	15	24	Wed.	21	4 ·14	6 ·85	18	25	Sun.	20	5 ·60	11 ·74	18
25	Fri.	21	3 ·60	27 ·65	16	25	Thur.	22	5 ·21	7 ·93	19	26	Mon.	21	6 ·58	12 ·73	19
26	Sat.	22	4 ·65	1 ·73	17	26	Fri.	23	6 ·27	... ...	20	27	Tues.	22	7 ·54	13 ·71	20
27	Sun.	23	5 ·73	2 ·83	18	27	Sat.	24	7 ·31	8 ·00	21	28	Wed.	23	8 ·48	14 ·68	21
28	Mon.	24	6 ·82	3 ·93	19	28	Sun.	25	8 ·33	9 ·05	22	29	Thur.	24	9 ·40	15 ·63	22
29	Tues.	25	7 ·90	... ...	20	29	Mon.	26	9 ·32	10 ·08	23	—30	Fri.	25	10 ·32	16 ·57	23
30	Wed.	26	8 ·98	4 ·04	21	—30	Tues.	27	10 ·29	11 ·09	24	1	Sat.	26	11 ·23	17 ·50	24
—31	Thur.	27	... ...	5 ·15	22	1	Wed.	28	11 ·26	12 ·08	25	2	Sun.	27	12 ·13	18 ·44	25
1	Fri.	28	9 ·05	6 ·24	23	2	Thur.	29	12 ·20	13 ·05	26	3	Mon.	28	13 ·03	19 ·37	26
2	Sat.	29	10 ·11	7 ·32	24	3	Fri.	30	13 ·13	14 ·01	27				14 ·93		
3	Sun.	30	11 ·15	8 ·38	25					15 ·95		4	Tues.	29	—A ·84	20 ·30	27
4	Mon.	31	12 ·16	9 ·42	26	4	Sat.	31	14 ·04	16 ·89	28	5	Wed.	30	1 ·76	21 ·24	28
									A ·95			6	Thur.	31	2 ·70	22 ·19	—29

Kálayukta. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* *H.* 594 *Ramazán.* 595 *Muharram.*

Kálayukta. **Simha—Āvani.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 594 *Shawwál.* 595 *Safar.*

Kálayukta. **Tulā—Aippasi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 594 *Zi-l-hijja.* 595 *Muharram.*

Kálayukta. **Kanyā—Puraṭṭāsi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 594 *Zi-l-ka'da.* 595 *Muharram.*

Kálayukta. **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 595 *Muharram.*

Kálayukta. **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* *H.* 595 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1199. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 25·23.** **Śaka 1121.** **Kaliyuga 4300.**
Lunar Eclipse. ○ **(Arya Sid.) March 23·18.** **(S. Cycle) Siddhārtin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
7	Fri. 1	3 ·65	23 ·16	1	7	Mon. 1	3 ·84	1 ·88	1	7	Sat. 1	4 ·26	... ...	3
8	Sat. 2	4 ·61	24 ·14	2	8	Tues. 2	4 ·89	2 ·95	2	8	Sun. 2	5 ·34	7 ·06	4
9	Sun. 3	5 ·59	25 ·14	3	9	Wed. 3	5 ·95	... ...	3	9	Mon. 3	6 ·41	8 ·15	5
10	Mon. 4	6 ·58	26 ·16	4	10	Thur. 4	... ...	3 ·04	4	10	Tues. 4	7 ·45	9 ·23	6
11	Tues. 5	7 ·61	27 ·20	5	11	Fri. 5	6 ·02	4 ·14	5	11	Wed. 5	8 ·48	10 ·30	7
12	Wed. 6	8 ·66	1 ·26	6	12	Sat. 6	7 ·11	5 ·24	6	12	Thur. 6	9 ·50	11 ·33	8
13	Thur. 7	9 ·73	2 ·34	7	13	Sun. 7	8 ·20	6 ·35	7	13	Fri. 7	10 ·49	12 ·35	9
14	Fri. 8	10 ·81	3 ·44	8	14	Mon. 8	9 ·28	7 ·46	8	14	Sat. 8	11 ·46	13 ·36	10
15	Sat. 9	11 ·90	4 ·54	9	15	Tues. 9	10 ·34	8 ·54	9	15	Sun. 9	12 ·41	14 ·34	11
16	Sun. 10	12 ·98	5 ·64	10	16	Wed. 10	11 ·40	9 ·62	10	16	Mon. 10	13 ·35	15 ·31	12
17	Mon. 11	... ...	6 ·75	11	17	Thur. 11	12 ·44	10 ·67	11	17	Tues. 11	14 ·27	16 ·26	13
18	Tues. 12	13 ·06	7 ·85	12	18	Fri. 12	13 ·45	11 ·70	12	18	Wed. 12	☽ 1 ·08	17 ·20	14
19	Wed. 13	14 ·13	8 ·93	13	19	Sat. 13	14 ·44	12 ·71	13	19	Thur. 13	2 ·98	18 ·14	15
20	Thur. 14	☽ ·19	9 ·99	14	20	Sun. 14	☽ ·42	13 ·70	14					
21	Fri. 15	1 ·23	... ...	15	21	Mon. 15	1 ·37	14 ·68	15	20	Fri. 14	3 ·88	19 ·07	16
22	Sat. 16	2 ·24	10 ·04	16	22	Tues. 16	2 ·30	15 ·64	16				20 ·99	
23	Sun. 17	3 ·24	11 ·06	17	23	Wed. 17	3 ·23	16 ·58	17	21	Sat. 15	4 ·78	21 ·93	17
24	Mon. 18	4 ·22	12 ·06	18	24	Thur. 18	4 ·14	17 ·52	18	22	Sun. 16	5 ·68	22 ·87	18
25	Tues. 19	5 ·17	13 ·04	19	25	Fri. 19	5 ·05	18 ·46	19	23	Mon. 17	6 ·59	23 ·82	19
26	Wed. 20	6 ·11	14 ·01	20			6 ·95			24	Tues. 18	7 ·52	24 ·78	20
			15 ·96		26	Sat. 20	7 ·85	19 ·39	20	25	Wed. 19	8 ·46	25 ·76	21
27	Thur. 21	7 ·04	16 ·91	21	27	Sun. 21	8 ·75	20 ·32	21	26	Thur. 20	9 ·42	26 ·76	22
		8 ·96			28	Mon. 22	9 ·65	21 ·25	22	27	Fri. 21	10 ·40	27 ·78	23
28	Fri. 22	9 ·87	17 ·84	22	29	Tues. 23	10 ·56	22 ·20	23	28	Sat. 22	11 ·39	1 ·81	24
—29	Sat. 23	10 ·77	18 ·77	23	—30	Wed. 24	11 ·49	23 ·15	24	29	Sun. 23	12 ·41	2 ·87	25
1	Sun. 24	11 ·67	19 ·71	24	1	Thur. 25	12 ·44	24 ·12	25	30	Mon. 24	13 ·45	3 ·95	26
2	Mon. 25	12 ·57	20 ·64	25	2	Fri. 26	13 ·40	25 ·11	26	31	Tues. 25	14 ·51	... ...	27
3	Tues. 26	13 ·48	21 ·58	26	3	Sat. 27	14 ·38	26 ·12	27	—32	Wed. 26	—A ·58	4 ·04	28
4	Wed. 27	14 ·40	22 ·53	27	4	Sun. 28	—A ·37	27 ·14	28	1	Thur. 27	1 ·66	5 ·14	29
5	Thur. ●28	—A ·33	23 ·49	28	5	Mon. 29	1 ·39	1 ·19	29	2	Fri. 28	2 ·75	6 ·25	—30
6	Fri. 29	1 ·27	24 ·47	29	6	Tues. 30	2 ·43	2 ·26	—30	3	Sat. 29	3 ·82	7 ·36	1
7	Sat. 30	2 ·24	25 ·46	—30	7	Wed. 31	3 ·50	3 ·34	1	4	Sun. 30	4 ·89	8 ·46	2
8	Sun. 31	3 ·22	26 ·48	1						5	Mon. 31	5 ·95	9 ·54	3
	Feb.					**April.**					**June.**			
9	Mon. 1	4 ·22	27 ·51	2	8	Thur. 1	4 ·58	4 ·44	2	6	Tues. 1	6 ·98	10 ·61	4
10	Tues. 2	5 ·24	1 ·57	3	9	Fri. 2	5 ·66	5 ·55	3	7	Wed. 2	7 ·99	11 ·65	5
11	Wed. 3	6 ·28	2 ·64	4	10	Sat. 3	6 ·75	6 ·66	4	8	Thur. 3	8 ·98	12 ·68	6
12	Thur. 4	7 ·35	3 ·73	5	11	Sun. 4	7 ·83	7 ·76	5	9	Fri. 4	9 ·95	13 ·68	7
13	Fri. 5	8 ·43	4 ·84	6	12	Mon. 5	8 ·89	8 ·85	6	10	Sat. 5	10 ·89	14 ·67	8
14	Sat. 6	9 ·52	5 ·95	7	13	Tues. 6	9 ·94	9 ·92	7	11	Sun. 6	11 ·83	15 ·64	9
15	Sun. 7	10 ·61	... ...	8	14	Wed. 7	10 ·97	10 ·98	8	12	Mon. 7	12 ·75	16 ·60	10
16	Mon. 8	11 ·69	6 ·05	9	15	Thur. 8	11 ·99	... ...	9	13	Tues. 8	13 ·66	17 ·54	11
17	Tues. 9	12 ·75	7 ·15	10	16	Fri. 9	12 ·98	11 ·02	10	14	Wed. 9	14 ·56	18 ·48	12
18	Wed. 10	13 ·81	8 ·23	11	17	Sat. 10	13 ·96	12 ·04	11	15	Thur. 10	☽ ·46	19 ·41	13
19	Thur. 11	14 ·85	9 ·31	12	18	Sun. 11	14 ·91	13 ·03	12	16	Fri. 11	1 ·36	20 ·34	14
20	Fri. 12	☽ ·86	10 ·35	13				14 ·01		17	Sat. 12	2 ·26	21 ·27	15
21	Sat. 13	1 ·86	11 ·38	14	19	Mon. 12	☽ ·84	15 ·97	13	18	Sun. 13	3 ·16	22 ·21	16
22	Sun. 14	2 ·83	12 ·39	15	20	Tues. 13	1 ·76	16 ·92	14	19	Mon. 14	4 ·07	23 ·16	17
23	Mon. 15	3 ·78	13 ·37	16	21	Wed. 14	2 ·67	17 ·86	15	20	Tues. 15	5 ·00	24 ·12	18
24	Tues. 16	4 ·72	14 ·34	17	22	Thur. 15	3 ·58	18 ·80	16			6 ·94		
25	Wed. 17	5 ·65	15 ·30	18	23	Fri. 16	4 ·48	19 ·73	17	21	Wed. 16	7 ·90	25 ·09	19
26	Thur. 18	6 ·57	16 ·23	19	24	Sat. 17	5 ·38	20 ·66	18	22	Thur. 17	8 ·87	26 ·08	20
27	Fri. 19	7 ·48	17 ·18	20	25	Sun. 18	6 ·28	21 ·59	19	23	Fri. 18	9 ·87	27 ·10	21
28	Sat. 20	8 ·38	18 ·12	21	26	Mon. 19	7 ·18	22 ·54	20	24	Sat. 19	10 ·89	1 ·12	22
			19 ·05		27	Tues. 20	8 ·09	23 ·49	21	25	Sun. 20	11 ·93	2 ·18	23
29	Sun. 21	9 ·28	20 ·98	22			9 ·02			26	Mon. 21	12 ·99	3 ·25	24
—30	Mon. 22	10 ·18	21 ·92	23	28	Wed. 21	10 ·97	24 ·45	22	27	Tues. 22	... ...	4 ·34	25
1	Tues. 23	11 ·08	22 ·87	24	29	Thur. 22	11 ·93	25 ·44	23	28	Wed. 23	13 ·06	5 ·40	26
2	Wed. 24	12 ·00	23 ·82	25	30	Fri. 23	12 ·90	26 ·44	24	29	Thur. 24	14 ·14	6 ·55	27
		13 ·93			—31	Sat. 24	13 ·89	27 ·46	25	30	Fri. 25	—A ·23	7 ·66	28
3	Thur. 25	14 ·87	24 ·79	26	1	Sun. 25	14 ·92	1 ·50	26	—31	Sat. 26	1 ·31	8 ·76	—29
4	Fri. 26	—A ·83	25 ·79	27	2	Mon. 26	—A ·96	2 ·56	27	1	Sun. 27	2 ·37	9 ·85	1
5	Sat. 27	1 ·81	26 ·80	28	3	Tues. 27	... ...	3 ·64	28	2	Mon. 28	3 ·42	10 ·90	2
6	Sun. 28	2 ·81	27 ·83	—29	4	Wed. 28	1 ·02	4 ·74	—29	3	Tues. 29	4 ·46	11 ·97	3
					5	Thur. 29	2 ·09	5 ·84	1	4	Wed. 30	5 ·47	... ...	4
					6	Fri. 30	3 ·17	6 ·95	2					

Kālayukta. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Kālayukta.* **Kumbha—Māśi.** *Siddhārtin.* **Mēsha—Chittirai.** *Kālayukta.* **Mīna—Pāṅguni.** *Siddhārtin.* **Vrishabha—Vaigāśi.** *Sukla.* **Jyeshtha.** *Bahula.* **Āshādha.** *Siddhārtin.* **Mithuna—Āni.**

H. 595 *Rabī-ul awwal.* H. 595 *Rabī-ul ākhir.* H. 595 *Jamādā'l awwal.* H. 595 *Jamādā'l ākhir.* H. 595 *Rajab.* H. 595 *Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1199. **Kollam 375,** { **N. Malabar—Aug.** **Hijra 596.** **Vikrama 1256.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Oct. 23.** **Bengal San. 605.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Śiddhārtin. **Karkaṭaka—Ādi.** 5	Thur. 1	*Śukla.* 6 ·46	12 ·00	5
6	Fri. 2	7 ·43	13 ·01	6
7	Sat. 3	8 ·38	14 ·00 / 15 ·97	7
8	Sun. 4	9 ·31	16 ·93	8
9	Mon. 5	10 ·23	17 ·88	9
10	Tues. 6	11 ·14	18 ·82	10
11	Wed. 7	12 ·04 / 13 ·94	19 ·75	11
12	Thur. 8	14 ·84	20 ·68	12
13	Fri. 9	P ·74	21 ·62	13
14	Sat. 10	1 ·64	22 ·55	14
15	Sun. 11	2 ·55	23 ·49	15
16	Mon. 12	3 ·48	24 ·45	16
17	Tues. 13	4 ·42	25 ·42	17
18	Wed. 14	5 ·38	26 ·41	18
19	Thur. 15	6 ·35	27 ·41	19
20	Fri. 16	7 ·36	1 ·44	20
21	Sat. 17	8 ·38	2 ·49	21
22	Sun. 18	9 ·42	3 ·56	22
23	Mon. 19	*Bahula.* 10 ·47	4 ·64	23
24	Tues. 20	11 ·54	5 ·74	24
25	Wed. 21	12 ·63	6 ·85	25
26	Thur. 22	13 ·71	7 ·96	26
27	Fri. 23	14 ·79	... ...	27
28	Sat. 24	—A ·86	8 ·06	28
29	Sun. 25	1 ·91	9 ·15	29
30	Mon. 26	2 ·96	10 ·23	—30
31	Tues. 27	3 ·96	11 ·28	1
—32	Wed. 28	4 ·94	12 ·32	2
1	Thur. 29	*Śukla.* 5 ·91	13 ·33	3
2	Fri. 30	6 ·87	14 ·33	4
3	Sat. 31	7 ·80	15 ·30	5
	Aug.			
4	Sun. 1	8 ·72	16 ·27	6
5	Mon. 2	9 ·63	17 ·21	7
6	Tues. 3	10 ·53	18 ·15	8
7	Wed. 4	11 ·43	19 ·09	9
8	Thur. 5	12 ·33	20 ·03 / 21 ·95	10
9	Fri. 6	13 ·23	22 ·89	11
10	Sat. 7	14 ·13	23 ·83	12
11	Sun. 8	P ·05 / 1 ·98	24 ·78	13
12	Mon. 9	2 ·92	25 ·75	14
13	Tues. 10	3 ·88	26 ·73	15
14	Wed. 11	4 ·86	27 ·74	16
15	Thur. 12	5 ·86	1 ·76	17
16	Fri. 13	*Bahula.* 6 ·88	2 ·80	18
17	Sat. 14	7 ·92	3 ·86	19
18	Sun. 15	8 ·98	4 ·95	20
19	Mon. 16	... ...	... ...	21
20	Tues. 17	9 ·06	5 ·04	22
21	Wed. 18	10 ·14	6 ·15	23
22	Thur. 19	11 ·23	7 ·26	24
23	Fri. 20	12 ·31	8 ·36	25
24	Sat. 21	13 ·38	9 ·46	26
25	Sun. 22	14 ·43	10 ·54	27
26	Mon. 23	—A ·46	11 ·60	28
27	Tues. 24	1 ·48	12 ·64	—29
28	Wed. 25	2 ·46	13 ·66	1
29	Thur. 26	3 ·44	14 ·65	2
30	Fri. 27	4 ·39	15 ·64	3
—31	Sat. 28	5 ·32	16 ·60	4
1	Sun. 29	6 ·25	17 ·55	5
2	Mon. 30	7 ·16	18 ·49	6
3	Tues. 31	*Śukla.* 8 ·06 / 9 ·96	19 ·43	7

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
4	Wed. 1	10 ·86	20 ·36	8
Siddhārtin. **Kanyā—Purattāśi.** 5	Thur. 2	11 ·76	21 ·29	9
6	Fri. 3	12 ·66	22 ·23	10
7	Sat. 4	13 ·58	23 ·17	11
8	Sun. 5	14 ·50	24 ·12	12
9	Mon. 6	P ·45	25 ·08	13
10	Tues. 7	1 ·41	26 ·06	14
11	Wed. 8	2 ·40	27 ·06	15
12	Thur. 9	3 ·40	1 ·08	16
13	Fri. 10	4 ·42	2 ·11	17
14	Sat. 11	5 ·46	3 ·17	18
15	Sun. 12	6 ·52	4 ·25	19
16	Mon. 13	7 ·60	5 ·35	20
17	Tues. 14	8 ·68	6 ·45	21
18	Wed. 15	*Bahula.* 9 ·77	7 ·56	22
19	Thur. 16	10 ·85	8 ·66	23
20	Fri. 17	11 ·93	9 ·76	24
21	Sat. 18	12 ·98	10 ·85	25
22	Sun. 19	... ...	11 ·91	26
23	Mon. 20	13 ·01	12 ·95	27
24	Tues. 21	14 ·03	13 ·98	28
25	Wed. 22	A ·01 / 1 ·99	14 ·98	29
26	Thur. 23	2 ·95	15 ·97	—30
27	Fri. 24	3 ·89	16 ·93	1
28	Sat. 25	*Śukla.* 4 ·81	17 ·89	2
29	Sun. 26	5 ·72	18 ·83	3
—30	Mon. 27	6 ·63	19 ·77	4
1	Tues. 28	7 ·53	20 ·70	5
2	Wed. 29	8 ·43	21 ·63	6
3	Thur. 30	9 ·33	22 ·56	7
	Oct.			
4	Fri. 1	10 ·24	23 ·50	8
Siddhārtin. **Tulā—Aippaśi.** 5	Sat. 2	11 ·15	24 ·45	9
6	Sun. 3	12 ·08	25 ·41	10
7	Mon. 4	13 ·02 / 14 ·99	26 ·39	11
8	Tues. 5	P ·98	27 ·38	12
9	Wed. 6	1 ·98	1 ·40	13
10	Thur. 7	... ...	2 ·43	14
11	Fri. 8	*Bahula.* 2 ·00	3 ·48	15
12	Sat. 9	3 ·05	4 ·56	16
13	Sun. 10	4 ·11	5 ·65	17
14	Mon. 11	5 ·18	6 ·75	18
15	Tues. 12	6 ·26	7 ·86	19
16	Wed. 13	7 ·36	8 ·96	20
17	Thur. 14	8 ·44	... ...	21
18	Fri. 15	9 ·51	9 ·07	22
19	Sat. 16	10 ·57	10 ·15	23
20	Sun. 17	11 ·61	11 ·22	24
21	Mon. 18	12 ·62	12 ·27	25
22	Tues. 19	13 ·61	13 ·30	26
23	Wed. 20	14 ·59	14 ·30	27
24	Thur. 21	—A ·54	15 ·30	28
25	Fri. 22	1 ·48	16 ·27	—29
26	Sat. 23	2 ·41	17 ·22	1
27	Sun. 24	3 ·33	18 ·17	2
28	Mon. 25	*Śukla.* 4 ·23	19 ·11	3
29	Tues. 26	5 ·13	20 ·04 / 21 ·97	4
—30	Wed. 27	6 ·03 / 7 ·93	22 ·90	5
1	Thur. 28	8 ·84	23 ·84	6
2	Fri. 29	9 ·76	24 ·79	7
3	Sat. 30	10 ·69	25 ·75	8
4	Sun. 31	11 ·64	26 ·72	9

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
5	Mon. 1	12 ·61	27 ·71	10
Siddhārtin. **Vṛiśchika—Kārttigai.** 6	Tues. 2	13 ·59	1 ·71	11
7	Wed. 3	14 ·59	2 ·74	12
8	Thur. 4	P ·62	3 ·79	13
9	Fri. 5	1 ·67	4 ·86	14
10	Sat. 6	2 ·73	5 ·95	15
11	Sun. 7	3 ·80	... ...	16
12	Mon. 8	4 ·89	6 ·05	17
13	Tues. 9	5 ·99	7 ·16	18
14	Wed. 10	*Bahula.*	8 ·27	19
15	Thur. 11	6 ·07	9 ·37	20
16	Fri. 12	7 ·15	10 ·46	21
17	Sat. 13	8 ·20	11 ·53	22
18	Sun. 14	9 ·24	12 ·58	23
19	Mon. 15	10 ·25	13 ·62	24
20	Tues. 16	11 ·24	14 ·63	25
21	Wed. 17	12 ·21	15 ·62	26
22	Thur. 18	13 ·17	16 ·60	27
23	Fri. 19	14 ·11	17 ·56	28
24	Sat. 20	A ·03 / 1 ·95	18 ·51	29
25	Sun. 21	2 ·86	19 ·45	—30
26	Mon. 22	3 ·76	20 ·38	1
27	Tues. 23	4 ·66	21 ·31	2
28	Wed. 24	5 ·56	22 ·24	3
—29	Thur. 25	*Śukla.* 6 ·47	23 ·18	4
1	Fri. 26	7 ·39	24 ·12	5
2	Sat. 27	8 ·32	25 ·08	6
3	Sun. 28	9 ·27	26 ·05	7
4	Mon. 29	10 ·24	27 ·03	8
5	Tues. 30	11 ·22	1 ·03	9
	Dec.			
6	Wed. 1	12 ·24	2 ·06	10
Siddhārtin. **Dhanus—Mārgali.** 7	Thur. 2	13 ·26	3 ·11	11
8	Fri. 3	14 ·30	4 ·17	12
9	Sat. 4	P ·36	5 ·25	13
10	Sun. 5	1 ·44	6 ·35	14
11	Mon. 6	2 ·53	7 ·46	15
12	Tues. 7	3 ·62	8 ·56	16
13	Wed. 8	4 ·71	9 ·67	17
14	Thur. 9	5 ·78	10 ·76	18
15	Fri. 10	6 ·84	11 ·84	19
16	Sat. 11	7 ·88	12 ·90	20
17	Sun. 12	8 ·89	13 ·94	21
18	Mon. 13	*Bahula.* 9 ·88	14 ·94	22
19	Tues. 14	10 ·86	15 ·96	23
20	Wed. 15	11 ·81	16 ·93	24
21	Thur. 16	12 ·75	17 ·89	25
22	Fri. 17	13 ·68	18 ·84	26
23	Sat. 18	14 ·60	19 ·79	27
24	Sun. 19	—A ·51	20 ·72	28
25	Mon. 20	1 ·41	21 ·65	—29
26	Tues. 21	2 ·31	22 ·58	1
27	Wed. 22	*Śukla.* 3 ·21	23 ·52	2
28	Thur. 23	4 ·12	24 ·46	3
29	Fri. 24	5 ·04 / 6 ·97	25 ·41	4
—30	Sat. 25	7 ·92	26 ·38	5
1	Sun. 26	8 ·89	27 ·36	6
2	Mon. 27	9 ·87	1 ·36	7
3	Tues. 28	10 ·88	2 ·38	8
4	Wed. 29	11 ·90	3 ·42	9
5	Thur. 30	12 ·95	4 ·48	10
6	Fri. 31	... ...	5 ·56	11

H. 596 *Muharram.* H. 596 *Ṣafar.* H. 596 *Rabi-ul-awwal.*

13. Hasta. 14. Chit. 15 Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

AN INDIAN EPHEMERIS

A.D. 700—A.D. 1799

BOOK-MARKER.

Decimals of a day.	Ghaṭikas.	Hours and minutes.	Decimals of a day.	Ghaṭikas.	Hours and minutes.
		H. M.			H. M.
·00	0	0 0	·50	30	12 0
·01	0½	0 15	·51	30½	12 15
·02	1	0 30	·52	31	12 30
·03	2	0 45	·53	32	12 45
·04	2½	1 0	·54	32½	13 0
·05	3	1 15	·55	33	13 15
·06	3½	1 30	·56	33½	13 30
·07	4	1 45	·57	34	13 45
·08	5	2 0	·58	35	14 0
·09	5½	2 10	·59	35½	14 10
·10	6	2 30	·60	36	14 30
·11	6½	2 40	·61	36½	14 40
·12	7	2 50	·62	37	14 50
·13	8	3 10	·63	38	15 10
·14	8½	3 20	·64	38½	15 20
·15	9	3 35	·65	39	15 35
·16	9½	3 50	·66	39½	15 50
·17	10	4 5	·67	40	16 5
·18	11	4 20	·68	41	16 20
·19	11½	4 30	·69	41½	16 30
·20	12	4 45	·70	42	16 45
·21	12½	5 0	·71	42½	17 0
·22	13	5 20	·72	43	17 20
·23	14	5 30	·73	44	17 30
·24	14½	5 45	·74	44½	17 45
·25	15	6 0	·75	45	18 0
·26	15½	6 15	·76	45½	18 15
·27	16	6 30	·77	46	18 30
·28	17	6 45	·78	47	18 45
·29	17½	7 0	·79	47½	19 0
·30	18	7 10	·80	48	19 10
·31	18½	7 30	·81	48½	19 30
·32	19	7 40	·82	49	19 40
·33	20	8 0	·83	50	20 0
·34	20½	8 10	·84	50½	20 10
·35	21	8 25	·85	51	20 25
·36	21½	8 40	·86	51½	20 40
·37	22	8 50	·87	52	20 50
·38	23	9 10	·88	53	21 10
·39	23½	9 20	·89	53½	21 20
40	24	9 35	·90	54	21 35
41	24½	9 50	·91	54½	21 50
42	25	10 0	·92	55	22 0
43	26	10 20	·93	56	22 20
44	26½	10 30	·94	56½	22 30
45	27	10 45	·95	57	22 45
·46	27½	11 0	·96	57½	23 0
·47	28	11 20	·97	58	23 20
48	29	11 30	·98	59	23 30
·49	29½	11 45	·99	59½	23 45

Table I.—Order and Names of Nakshatras.

1 Aśvinî (**Tam.** Asuvati)
2 Bharaṇî
3 Kṛittikâ (**Tam.** Kiruttigai)
4 Rohiṇî
5 Mṛigaśîra (**Tam.** Mirugasîram)
6 Ârdrâ (**Tam.** Ârudra or Tiruvâdirai)
7 Punarvasu (**Tam.** Punarpûsam)
8 Pushya (**Tam.** Pûsam)
9 Âśleshâ (**Tam.** Âyilyam)
10 Maghâ (**Tam.** Magham)
11 Pûrva Phalguṇî (**Tam.** Pûram)
12 Uttara Phalguṇî (**Tam.** Uttiram)
13 Hasta (**Tam.** Hastam, Attam)
14 Chitrâ (**Tam.** Chittirai)
15 Svâti (**Tam.** Sôdi)
16 Viśâkhâ (**Tam.** Viśâkam)
17 Anurâdhâ (**Tam.** Anusham, Anilum)
18 Jyeshṭha (**Tam.** Kêṭṭai)
19 Mûla (**Tam.** Mûlam)
20 Pûrva Âshâdhâ (**Tam.** Pûradam)
21 Uttara Âshâdhâ (**Tam.** Uttiraḍam)
21-A Abhijit
22 Śravaṇa (**Tam.** Tiruvônam)
23 Śravishtha or Dhanishtâ (**Tam.** Aviṭṭam)
24 Satabhisaj or Satatârakâ (**Tam.** Sadayam)
25 Pûrva Bhadrapadâ (**Tam.** Pûraṭṭâdi)
26 Uttara Bhadrapadâ (**Tam.** Uttiraṭṭadi)
27 Revatî

Tables II and III.—For ascertaining Moment of Sankrânti.

The moments of Mesha Sankrânti, according to Sûrya Siddhânta and Ârya Siddhânta, are given in the headlines of this ephemeris. To ascertain the moment of any other Sankrânti, add to the moment of Mesha Sankrânti for the given year the moment of the required Sankrânti according to table II below. The result will be a certain number of days counted from 1st March or 1st April (according as the year was before or after A.D. 1752). To convert this into the English Calendar date, use the nearest figure in table III below which shows for the 1st of every month the number of days counting from 1st March or 1st April as the first day. *Example:*

Required the moment of Makara Sankrânti (Uttarâyana) for A.D. 999, Ârya Siddhânta.

The ephemeris for A.D. 999 gives, as the moment of Mesha Sankrânti, Ârya Siddhânta, March	23·44
Add from table II for moment of Makara Sankrânti, Ârya Siddhânta (days)	275·65
Total days ...	299·09

This being reckoned from March 1 as the first day is equal, according to table III, to December 1 + (299·07 − 276) = December 1 + 23·07 = December 24·07 *answer*.

Table II.—Moments of Commencement of Sankrântis.

kasis.	Tamil Solar months.	Moment of Sankrânti in days of Solar Year, and decimals of a day.	
		Sûrya Sid. Days.	Ârya Sid. Days.
Mesha ...	**Chittirai** ...	0·0	0·0
Vrishabha ...	**Vaigasi** ...	30·93	30·92
Mithunam ...	**Ani** ...	62·36	62·33
Karkadam ...	**Adi** ...	94·00	93·93
Simham ..	**Avani** ...	125·48	125·40
Kanni ...	**Purattasi**	156·49	156·44
Tulam ...	**Aippasi** ...	186·94	186·89
Vrischikam ..	**Karttigai** ...	216·83	216·79
Dhanus	**Margali** ...	246·32	246·30
Makaram ...	**Tai** ..	275·64	275·65
Kumbham ...	**Masi** ...	305·08	305·11
Minam ...	**Panguni** ...	334·90	334·92
		365·26	365·26

Table III.—Days of the English Calendar Year, reckoned cumulatively from March 1 and April 1 respectively.

	From March 1.	From April 1.
March 1	1	...
April 1	32	1
May 1	62	31
June 1	93	62
July 1	123	92
August 1	154	123
September 1	185	154
October 1	215	184
November 1	246	215
December 1	276	245
January 1	307	276
February 1	338	307
March 1		335
Do. Leap year		336

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